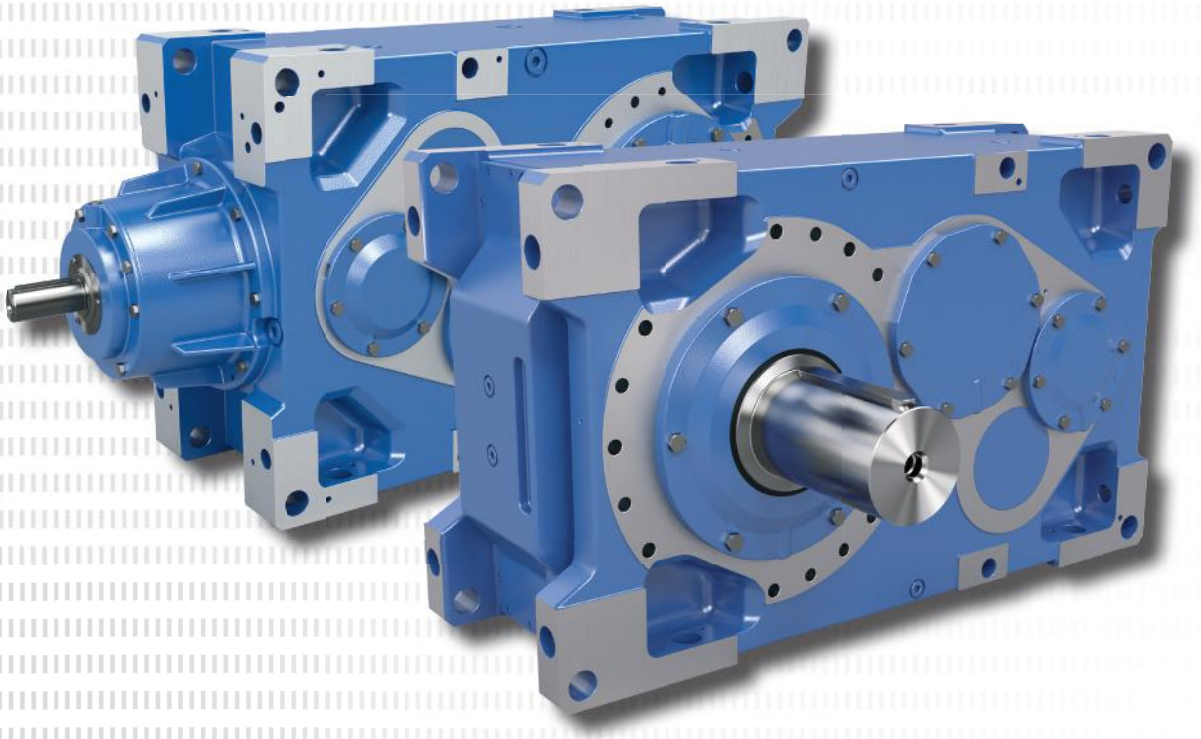


# LARGE INDUSTRIAL GEAR UNITS

## MAXXDRIVE® Parallel-Axis and Right-Angle

SK 5207 - SK 15507 Gear Units 50/60 Hz · mm

G1050

NORD® DRIVESYSTEMS

DRIVESYSTEMS

# Spanning the globe
# To serve you

Since 1965, NORD has become well established in the power transmission industry and grown to global proportions on the strength of productperformance, superior customer sevice and intelligent drive solutions. NORD is constantly improving and expandingits products to meet a never-ending variety of industrial challenges.

NORD designs and manufactures drive systems engineered for adaptability. NORD's innovative drive solutions are specified and utilized for a range of applications in nearly every industry throughout the world.

NORD Drivesystems' product portfolio is extensive and continuously evolving in order to meet the needs of today's fast-changing markets. NORD's range of drive equipment includes: helical in-line, helical shaft-mount, helical-bevel, helical-worm and worm gear units with torques from 90 lb-in to 2,200,000 lb-in, readily available AC motors and from 1/6 HP to 250 HP, variable frequency drives up to 250 HP, and mechanical variable speed drives.

But NORD does far more than manufacture the world's finest drive components. We provide our customers with optimum drive configurations for their specific purposes, providing each and every one with truly complete and efficient systems at a price/quality ratio unmatched in today's competitive markets.

NORD makes its wide product range easily available through a global network that includes representation in over 52 countries. By providing all of our customers with prompt delivery, and expert support services, we are firmly committed to exceeding customer expectations and being responsive to the ideas and specifications of every customer, anywhere in the world.

## NORD DRIVESYSTEMS Group

### HEADQUARTERS AND TECHNOLOGY CENTRE

- in Bargteheide, close to Hamburg

| Mechanical Products | Elektrical Products | Electronic Products |
|---|---|---|
| Gear units | Motors | Inverters, motors starters and field distribution systems |

### INNOVATIVE DRIVE SOLUTIONS

- for more than 100 branches of industrial

Gear unit production

Motor production

Inverter production

### 7 PRODUCTION LOCATIONS WITH CUTTING EDGE TECHNOLOGY

- produce gear units, motors and inverters also for complete drive solutions from a single source

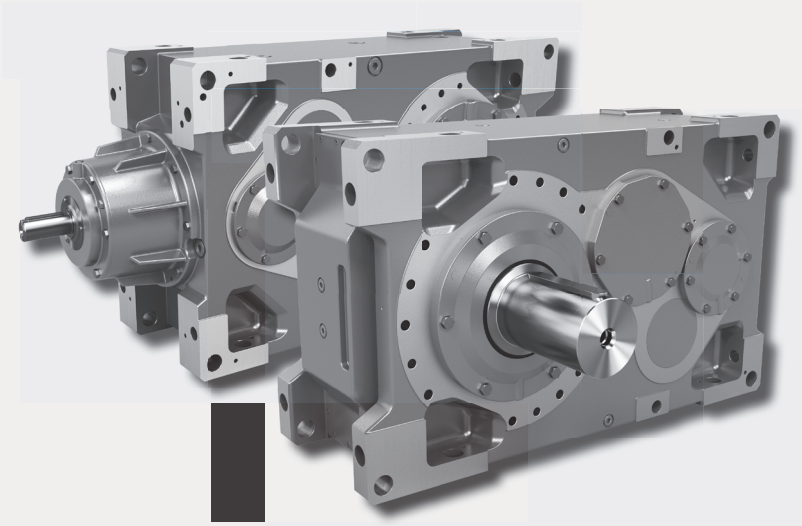
The above map image is for information purpose and may not have been prepared or be suitable for legal purpose and we do not own any responsibility for correctness or authenticity of the same.

### SUBSIDIARIES AND SALES PARTNERS IN 89 COUNTRIES ON 5 CONTINENTS

- provide local stocks
- assembly centres
- echnical support and
- customer service

### MORE THAN 3.600 EMPLOYEES THROUGHOUT THE WORLD

- create customised oriented solutions



## NORD Parallel & Right-Angle Large Industrial Gear Units

The NORD large industrial gear units offer a unique combination of flexibility and durability for the most demanding high-torque applications. Available in both a parallel-shaft design and right-angle design with a spiral-bevel input. Very high ratios are possible in the form of a compound unit by combining these units with NORD's Clincher™ or Helical-Bevel series.

Gearing and shafting are designed in accordance to international standards and the case carburized and hard finished gears are manufactured to the highest quality. Only industry recognized anti-friction roller bearings are used to provide exceptional bearing life. These units also offer flexible design alternatives by providing a full complement of input, mounting, output shaft, output shaft sealing, and thermal control options.

Optimized geometries and precise shaft alignment provide excellent load-bearing capacity, long operating life, insignificant operating noise as well as lubrication system integrity.

## Features and Benefits

- Optimum sealing
- Quiet running
- High torque capacity
- Increased lubricant life
- High reliability
- Maximized operating life of bearings and gears
- Symmetrical design
- Flexible mounting
- Long operating life
- Mirror-image installation possible
- Fast configuration
- Standard B14 flange on output
- Same housing size & dimensions for 2 or 3-stage units
- Short delivery times

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# Catalogue G1050 • 50/60 Hz

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# Products and Catalogues Overview

## Helical gear unit (Catalogue G1000)

- Foot or flange mounted
- Long life, low-maintenance
- Optimum sealing
- UNICASE housing

| | |
|---|---|
| Sizes | 11 |
| kW | 0.12 – 160 |
| Nm | 10 – 26,000 |
| i | 1.35:1 – 14,340.31:1 |

## 2-stage bevel gear units (Catalogue G1000, G1014)

- Foot mounted, flange mounted or face mounted
- Hollow or solid shaft
- UNICASE housing

| | |
|---|---|
| Sizes | 6 |
| kW | 0.12 – 9.2 |
| Nm | 50 – 660 |
| i | 3.03:1 – 70:1 |

## Parallel shaft gear units (Catalogue G1000)

- Foot mounted, flange mounted or face mounted
- Hollow or solid shaft
- Compact design
- UNICASE housing

| | |
|---|---|
| Sizes | 15 |
| kW | 0.12 – 200 |
| Nm | 110 – 100,000 |
| i | 4.03:1 – 6,616.79:1 |

## 3-stage bevel gear units (Catalogue G1000)

- Foot mounted, flange mounted or face mounted
- Hollow or solid shaft
- UNICASE housing

| | |
|---|---|
| Sizes | 11 |
| kW | 0.12 – 200 |
| Nm | 180 – 50,000 |
| i | 8.04:1 – 13,432.68:1 |

## Helical worm gear units (Catalogue G1000)

- Foot mounted, flange mounted or face mounted
- Hollow or solid shaft
- UNICASE housing

| | |
|---|---|
| Sizes | 6 |
| kW | 0.12 – 15 |
| Nm | 94 – 3,090 |
| i | 4.40:1 – 7,095.12:1 |

## SMI worm gear units (Catalogue G1035)

- Smooth surfaces
- Lubricated for life

| | |
|---|---|
| Sizes | 4 |
| kW | 0.12 – 4.0 |
| Nm | 21 – 427 |
| i | 5.00:1 – 3,000.00:1 |

## NORDBLOC.1 helical gear units (Catalogue G1000, G1012)

- Foot or flange mounted
- Die-cast aluminium housing
- UNICASE housing
- Industry standard dimensions

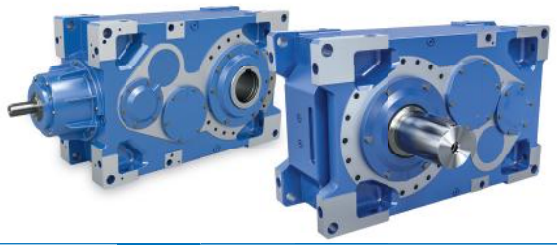
| | |
|---|---|
| Sizes | 13 |
| kW | 0.12 – 37 |
| Nm | 30 – 3,300 |
| i | 1.07:1 – 456.77:1 |

## SI worm gear units (Catalogue G1035)

- Modular
- Universal mounting
- Lubricated for life

| | |
|---|---|
| Sizes | 5 |
| kW | 0.12 – 4.0 |
| Nm | 21 – 427 |
| i | 5.00:1 – 3,000.00:1 |

## MAXXDRIVE® Industrial gear units (Catalogue G1050)



- All bearing points and sealing surfaces are machinedin a single operation
- No separating joints in the housing, no sealing surfaces subject to torque
- High-precision axis alignment, quiet running
- Long life, low-maintenance
- Gear ratio range 5.54 to 400:1 with the same foot dimensions
- Parallel axis and right-angled gear units

| | |
|---|---|
| Sizes | 11 |
| kW | 1.5 – 4,000 |
| kNm | 15/20/25/30/40/50/75/110/150/190/280 |
| i | 5.54:1 – 30,000.00:1 |

## MAXXDRIVE® XT Industrial gear units (TI60-0011)

| | |
|---|---|
| Sizes | 7 |
| kW | 1.5 – 1,500 |
| kNm | 15/20/25/30/40/50/75 |
| i | 6.14:1 – 22.91:1 |

## Motors (Catalogue M7000, TI60-0001)

Energy-saving

Switchable Pole

Single-Phase

Smooth Surface

ATEX

Explosion Protection Gas-Environment

ATEX

Explosion Protection Dust-Environment

IE3 IE2 IE4

**Special features**

- Motors developed and produced by NORD
- We produce energy-efficient products for all parts of the world
- Products available at all international locations

## Control cabinet inverter (Catalogue E3000)

**NORDAC PRO SK 500E**

The inverter for all drive applications
- Proven technolog
- large power range
- capable of functional expansion with:
  - plug-in option modules
  - optimised heat dissipation thanks to the variable cooling concept.

**NORDAC PRO SK 500P**

The next generation of control cabinet inverters
- Compact size
- innovative and extremely flexible communication and interface concept
- functional expansion with:
  - optional modules.

## Decentralised frequency inverter

**NORDAC FLEX SK 200E**

Decentralised drive unit with versatile installation options
- Simple commissioning and maintenance through:
  - extensive plug-in capability
  - simple parameter transfer via EEPROM.

**NORDAC BASE SK 180E**

Economical decentralised version for simple drive applications
- Low installation effort
- robust design for simple installation outside the control cabinet.

## Motorstarter

**SK 155E-FDS**

## Frequency inverter

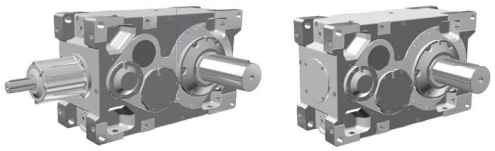
**NORDAC LINK SK 250E-FDS**

The field distributor for flexible, decentralised installation.
- Flexibility of equipment and function
  - free configurability according to requirements and the application
- Available as inverter and starter
- Fast commissioning through
  - high level of plug-in capability
- Simple servicing of the system through
  - integrated maintenance switch
  - local manual control facility.

## Motorstarter

**NORDAC START SK 135E**

The decentralised starter for all types of soft starting
- with integrated motor protection and reversing function for flexible integration into the system.





## MAXXDRIVE® Housings

NORD DRIVESYSTEMS large industrial gear units have been developed according to the well-proven UNICASE® housing design in which all bearings and seals are contained within a single casting. The UNICASE® concept was pioneered by NORD DRIVESYSTEMS Gear in 1980 and features the highest levels of precision, rigidity and strength by eliminating splits and bolt on carriers. There are no separations in the housing which are subjected to torques or radial loads.

The UNICASE® principle enables a more compact design that includes larger roller bearings, which guarantee a prolonged operating life. Ease of service to the gear unit is ensured by a large assembly cover over the face plate of the gear unit.

Our UNICASE® housings are made of cast iron. Ductile iron may be supplied upon request.

Optimized geometries and precise shaft alignment are a result of the UNICASE® style housing and provide excellent load-bearing capacity, long operating life, insignificant noise levels as well as provide the highest level of system lubrication integrity.

### Advantages of UNICASE® Housings

- ☑ Optimum sealing
- ☑ Quiet running
- ☑ High torque capacity
- ☑ Increased operating life of bearings & gears
- ☑ High reliability
- ☑ Prolonged operating life
- ☑ Increased lubricant life
- ☑ Symmetrical design
- ☑ A B14 face flange on the output side
- ☑ Mounting pads on all 6 sides
- ☑ Mirror-image installation possible
- ☑ Same housing size, installation dimensions for all ratios (2 & 3 stage)

## FEM (Finite Element Modeling) Analysis

The MAXXDRIVE® design process included using state-of-the-art Finite Element Modeling as a key design tool. This allowed optimal structural design to maximize the strength & rigidity of the gearbox and it's components.

## Gear, Bearing and Shaft Standards

All of the gears in the NORD MAXDRIVE® product line are keyed to provide a positive connection. These gears are additionally mounted with a press-fit between the shaft and gear hub.

The gears included in our MAXXDRIVE® line are made of high caliber alloy steels and are case hardened. The nominal torque ratings and speeds (calculated according to ISO 6336) are available in the ratings sections of this catalog.

All NORD DRIVESYSTEMS gear units provide the very highest level of quality, safety and reliability. The gearing, bearing and shaft capacities are calculated according to international standards.

The gears and bearings are designed to be partially submerged in oil during operation. Pressure circulation lubrication is available as an option in the form of a motor or a shaft driven pump. In addition to this option there are many other alternative oil circulation and cooling methods available for the MAXXDRIVE® product line.

## Temperature Management

Please refer to the options section on page ⇨🕮 57 for more information on the following available cooling system options:

**Available Temperature Management Options**

- ☑ Fan, 3 options
- ☑ External oil/air cooler
- ☑ External oil/water cooler
- ☑ Internal cooling coils (water)
- ☑ Heating cartridges

## Lubrication Overview

Proper gearbox lubrication is essential in order to reduce friction, heat, and component wear. Lubricants reduce heat and wear by inserting a protective “fluid boundary” between mating parts and preventing direct metal to metal contact. Lubricants also help prevent corrosion and oxidation, minimize foam, improve heat transfer, optimize reducer efficiency, absorb shock loads and reduce noise.

MAXXDRIVE® gear units that are mounted in a standard horizontal position are intended to be oil splash lubricated. MAXXDRIVE® gear units mounted in a vertical or standing position utilize bath or immersion lubrication to ensure oil is delivered to the critical bearing and gear mesh areas. Forced lubrication or pressure lubrication is also an option.

In all cases, the option DRY requires pressure circulation lubrication for gear unit sizes SK 11.07 - SK 15.07 for lubrication of the upper bearings. In the small sizes SK 5.07 and SK 10.07 these bearings are lubricated with grease, which enables economical injection lubrication even in the M5 position with the DRY option.

The MAXXDRIVE® gear units are designed to be able to operate with high performance mineral oil containing an extreme pressure (EP) additive. A viscosity grade ISO VG220 EP (AGMA 5 EP) mineral oil is typical for ambient temperature conditions between 0°C-40°C (32°F-104°F).

While the MAXXDRIVE® gear units are designed to be able to operate with high performance mineral oil, NORD DRIVESYSTEMS strongly recommends the use of synthetic oil. Compared to mineral oil, synthetic oil offers the following advantages that provided added wear protection and extend reducer component life:

- Higher film strength, lower traction coefficient and improved lubricity.
- Reduced internal friction (by as much as ½ compared to mineral oil) resulting in lower operating temperatures and improved gear efficiency.
- Superior wear and thermo-oxidative resistance, provides enhanced system cleanliness and enables longer service intervals.
- Higher viscosity index offers improved low temperature and high temperature stability.

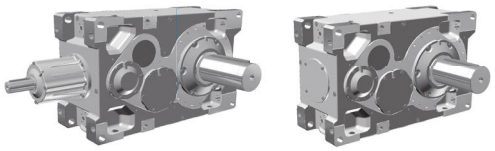
Additional lubrication guidlines can be found on page ⇨🕮 44 of this catalog as well as in the MAXXDRIVE® maintenance instructions (www.NORD.com).

## Durable and Flexible

The MAXXDRIVE® large industrial speed reducers offer a unique combination of flexibility and durability. The drives are extremely versatile in terms of mounting configurations. They employ a “universal” housing design with mounting surfaces on all six sides. The same housing is used for both our off-set parallel and right-angle drives.

## Explosion protection according to ATEX

NORD DRIVESYSTEMS gear units in modified design and certified according to equipment directive 214/34/EU are available on request for the categories 2 + 3.





## Sealing systems

The standard shaft seals that are provided are nitrile rubber NBR (Buna-N), and optionally FKM (Fluroelastomers). For specific ambient conditions, sealing systems incorporating gamma-ring, labyrinth and Taconite seals are also available. In case other specialized sealing requirements are needed please contact NORD DRIVESYSTEMS Gear.

**Available sealing options**

- ☑ Single input seal NBR/FKM
- ☑ Double output seal NBR/FKM
- ☑ Gamma ring seal, dust protection
- ☑ Taconite seal (re-greasable labyrinth seal)
- ☑ Cartridge Seal
- ☑ Special sealing options by request

## Design Advantages

There are countless advantages for using NORD MAXXDRIVE™ gear units for your large industrial gearbox needs. Here is an overview of some of the significant advantages that this product has to offer.

- ☑ Heavy duty design
- ☑ Competitive features/construction
- ☑ High power density
- ☑ Modular & Flexible Design
- ☑ Increased bearing life compared to split case housings (due to larger bearings)
- ☑ Quiet running - optimized bevel gears
- ☑ Large motor combinations possible
- ☑ One piece housing, which provides higher stiffness than split-case design
- ☑ Efficient fan cooling (optimized air flow over gearcase surfaces)
- ☑ Increased accessory life due to the use of synthetic lubricants
- ☑ Gears - case hardened and ground
- ☑ Antifriction - high quality bearings

## Sound Pressure Levels

The surface sound pressure levels according to ISO 8579-1 of MAXXDRIVE gearboxes are below the 50% - line given in the standard.

DRIVESYSTEMS

# Engineering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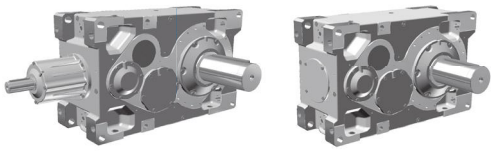




## Vertical Mounting Position

The thermal power limits for vertical output-shaft mounting position (M5 or M6) are shown in the respective ratings sections on pages ⇨🕮 98 - 129 for Parallel units and on pages ⇨🕮 186 - 217 for Right-Angle units.

Consult NORD DRIVESYSTEMS for determination of the thermal power limits if either the parallel shaft or bevel gear reducer is to be mounted in upright or standing mounting position (M2 or M4).

The mounting positions are displayed on page ⇨🕮 37 - 38.

| ⚠ | ***IMPORTANT NOTE*** | ⚠ |
|---|---|---|
| In standing position or vertical-shaft applications a higher operating temperature rise may result due to the higher oil volumes which create greater oil churning losses. In many instances, NORD DRIVESYSTEMS may be able to recommend a forced oil lubrication system in order to avoid these higher operating temperature conditions. | | |

## Vertical Motor or Vertical Input Shaft

Parallel-shaft gear units with a motor or input shaft which is pointing vertical-up (M5 or M6 mounting position) require either a higher oil level to lubricate the high-end bearings and gearing or they will require a forced oil lubrication system.

Raising the oil level will result in increased oil churning or splashing losses and additional heating inside the gear unit. To avoid excessive pressure build-up, a critical loss in oil volume through the air vent or shaft seals and possible oil foaming, NORD DRIVESYSTEMS may need to recommend adding an oil tank (Option OT). For details on the OT options see page ⇨🕮 80.

Alternatively NORD may suggest maintaining a lower oil level and adding a forced lubrication. This will assure lubrication to the all the critical gear and bearing areas and also allow the gear unit to operate at lower oil sump temperatures. Consult NORD DRIVESYSTEMS for details.

## Ventilation

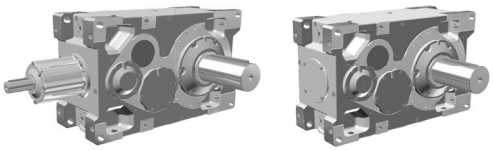
All gear units include a breather for the differences in air pressure between the interior of the gear unit and it's environment.

## Overload Conditions

Loads that exceed the gearbox ratings are considered overloads. An overload may either be momentary or periodic in duration, as well as quasi-steady or vibratory in nature. The load magnitude and the number of stress cycles need to be considered and analysis is required to prevent low-cycle fatigue or yield stress failure.

Refer the following load conditions to the factory:

- The peak momentary or starting load exceeds 200% percent of gear unit's rated capacity.
- Frequent load reversals that create high peak torques during the changes in load direction.
- Heavy repetitive shock loads may occur.
- When high-energy loads must be absorbed and high peak torques develop, such as when stalling conditions occur.
- More than 5 peak loads per hour







### Oversized Prime Movers

High torque motors or oversized prime movers are sometimes needed to overcome high energy loads. Recommended operating service factors do not cover instances where oversized prime movers are required. Please contact NORD DRIVESYSTEMS in such cases.

### Variable Speed or Multi-Speed Applications

Gear reducer ratings in this catalog are based upon single speed operation of the gear unit. When selecting gear drives for multi-speed or variable speed applications, determine the speed at which the greatest torque is developed and make the initial selection of the gear drive on that basis.

The following information is essential in order for NORD to verify adequate oil distribution, thermal capacity and whether or not there is any need for an oil distribution system or special cooling options:

- Indicate the operating speed requirements and gear ratio.
- Provide the minimum and maximum speeds are along with the speed duration cycles.

NORD Gear specifies different oil levels for various gear reducer sizes, speeds, ratios and mounting positions; If one intends to operate an existing gear drive at a different speed from those shown on the nameplate, the full application and nameplate information must be reviewed by NORD DRIVESYSTEMS.

### Brake Equipped Applications

When a brake is either supplied between the motor and the gearbox or included with a motor, the gear drive must be selected by either the brake's rating or the highest equivalent input power, whichever is greater. If the brake rating is higher than 200% of the rated gear unit capacity or if the brake is located on the output shaft of the gear drive, the application must be reviewed by the NORD DRIVESYSTEMS.

### Wet or Damp Outdoor Installation

Special seals and anti-corrosion measures are required for outdoor installation, in wet or damp environments or in tropical climates.

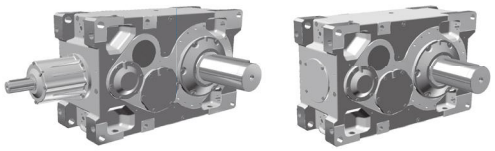
### Exposure to Solar Heating

If a drive is exposed to radiant or solar heating, while operating in the sun at ambient temperatures of 104ºF (40ºC) or higher, then special protection measures are recommended. This protection can consist of a canopy over the gear drive. If neither is possible, a heat exchanger or other cooling device may be required.

### Special Conditions

Consideration must be taken during unit selection when special environmental or extraordinary conditions are present during transportation, storage or operation. Please consult NORD for assistance.Special conditions may include (but are not limited to):

- Exposure to aggressive corrosive materials, contaminated air, gasses, acids, bases, salts, etc.
- Exposure to high relative humidity (installed outside, in damp rooms, or in tropical environments).
- Direct contact between the gear unit and liquid.
- Material build-up on the gear unit or motor (dirt, dust, sand, etc.).
- High atmospheric pressure.
- Radiation exposure.
- Extreme high or low temperatures or large temperature fluctuations.
- High vibration, rapid accelerations or decelerations, shock or impact.





## Special Applications

Severe operating conditions are present in various applications. Often these operating conditions may involve one or more of the following:

- 24-hour continuous operation at or near full-load motor power or full-load torque.
- A large inertia or moving mass at the reducer out-put with a small gear ratio generating very high load conditions at the reducer's input.
- Vibrations may be common, such as those found when an external drive chain or belt is used.
- A direct gear drive connection to a mixer or fan shaft that produces high oscillating and bending movements as well as high load forces to the reducers drive shaft and internal bearings.
- Vertical reducer configuration is needed & specialreducer options are often necessary.
- Outdoor installation (i.e. humidity and aggressive media, as well as sudden changes in temperature with the possibility of condensation).
- A high degree of environmental protection is required(special sealing, biodegradable oil, special maintenance and servicing needs, low noise, etc.).

NORD has experience with many unique applications and has developed a package of design options in order to meet these requirements. Please consult NORD DRIVESYSTEMS when selecting a gear unit for special applications.

## Storage

Gear units with the long-term storage option are completely filled with lubricant or have VCI corrosion protection agents added to the gear oil. Prior to installation, storage for up to 9 months is possible, so long as the following is observed:

- Store the gear unit in its actual mounting position in accordance with the specified oil fill-level, in a clean, dry and temperature controlled area.
- Avoid temperature fluctuations within the range of -5°C to 50°C (23°F to 122°F) and avoid relative humidity conditions in excess of 60%.
- Protect all exposed or unpainted shaft and flange surfaces with an anti-corrosion agent or grease.
- Store in a location free from shock & vibration, to avoid damage to the bearing elements & raceways.
- Whenever possible, rotate the shafts periodically, to help prevent brinelling of the bearings and to help keep the shaft seals pliable.
- Avoid exposure to the sun or UV light and other aggressive/corrosive materials (ozone gases, solvents, acids, caustic solutions, salts, radioactivity, etc.
- For storage longer than 9 months, Please contact NORD DRIVESYSTEMS to ensure proper protection.

NORD DRIVESYSTEMS

# MAXXDRIVE® Inquiry Form

DRIVESYSTEMS



## Customer

Company _____
Project _____
Country of installation _____
Sales stage ☐ Budget ☐ Project ☐ Order
Quantity _____ ☐ one time ☐ recurrent
Annual demand _____
Expected quotation date _____ Expected delivery date _____
Target price _____
Enduser _____
Competitors _____

## Application Data [mandatory]

Industrial sector _____
Application _____
☐ Existing machine ☐ New machine
Current gearbox _____
Ambient temperature ☐ [°C] ☐ [°F] min _____ max _____
Altitude above sea level ☐ [m] ☐ [ft] _____

### Ambient conditions

☐ Standard, clean, industrial dust
☐ Abrasive dust (e.g. from cement, coal, stone)
☐ Salt/ sea water
☐ Corrosive atmosphere (e.g. chemistry industry) Chemicals _____

### Foundation

☐ Concrete floor ☐ Steel foundation

### Place of Installation

☐ Small room (wind speed ≥ 0.5 m/s [≥ 1.65 ft/s])
☐ Large room (wind speed ≥ 1.5 m/s [≥ 4.95 ft/s])
☐ Outdoors (wind speed ≥ 4 m/s [≥ 13.1 ft/s])
Shaded from the sun ☐ yes ☐ no

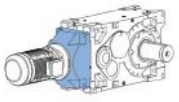
## Scope of supply from NORD [mandatory]

### Electric Motor

NORD scope ☐ with motor ☐ without motor
Motor dimensions ☐ IEC ☐ NEMA

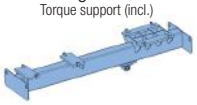
### Flange mounted (B5)

☐ IEC/ NEMA adapter

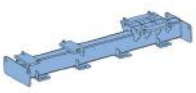


### Foot mounted (B3)

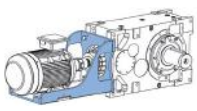
☐ Swing base
Torque support (incl.)



☐ Base frame (MF)



☐ Scoop (MC)



☐ Bracket (MT)
Pulleys, belts, cover (incl.)

## Scope of supply from NORD [mandatory]

### Gearbox

☐ Parallel Gear Unit ☐ Right-Angle Gear Unit

### Input Coupling

☐ Elastic coupling ☐ Fluid coupling

☐ Other, please specify _____
☐ Specific brand _____ ☐ NORD recommendation

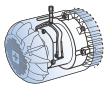
### Output Coupling

☐ Elastic coupling ☐ Gear coupling ☐ Rigid flange coupling ☐ Barrel couplir

☐ Other, please specify _____
☐ Specific brand _____ ☐ NORD recommendation

### Brake

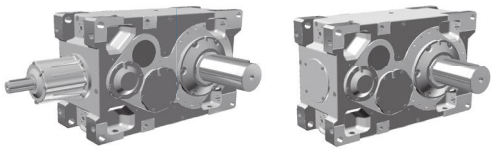
Function (see M7000) ☐ Holding brake ☐ Service brake/ working brake ☐ Emergency brake
Design ☐ Drum brake ☐ Disc brake ☐ Motor brake



Brake torque ☐ [Nm] ☐ [lbf-in] _____
Power supply Voltage [V] _____ Frequency [Hz] _____
☐ Specific brand _____ ☐ NORD recommendation

## Gearbox Data [mandatory]

Input power ☐ [kW] ☐ [hp]
Installed power _____ Absorbed power _____
Input speed [rpm]
Input speed _____
VFD speed min _____ max _____
Target ratio _____
Output speed [rpm]
Output speed _____
Output torque ☐ [Nm] ☐ [lbf-in]
Installed _____ Absorbed _____
Load direction ☐ One direction ☐ Both directions
Peak loads / start-ups [per hour] _____
Service factor
Installed _____ Absorbed _____
☐ NORD recommendation



NORD DRIVESYSTEMS

# MAXXDRIVE® Inquiry Form



## Motor Data

Operation ☐ DOL ☐ VFD ☐ Frequency range _____ [Hz]

Voltage [V] _____ Frequency [Hz] _____

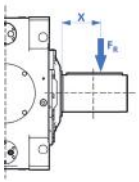
Efficiency class ☐ IE1 ☐ IE2 ☐ IE3 ☐ IE4

Motor options _____

☐ Specific brand _____ ☐ NORD recommendation

## External Loads [mandatory]

☐ No external loads. The gear unit transmits torque only.



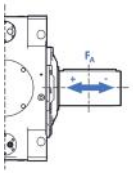
| Radial forces | ☐ [Nm] [mm] | ☐ [lbf] [in] |
|---|---|---|
| HSS | $F_R$ = _____ | x*= _____ |
| LSS | $F_{R1}$= _____ | $x_1$*= _____ |
| LSS | $F_{R2}$= _____ | $x_2$*= _____ |

*default: midpoint of the shaft

Bending moment ☐ [Nm] ☐ [lbf-in]

HSS $M_b$ = _____

LSS $M_{b1}$= _____



Axial thrust ☐ [N] ☐ [lbf]

| | | towards | from gear unit |
|---|---|---|---|
| HSS | $F_A$ = _____ | ☐ | ☐ |
| LSS | $F_{A1}$= _____ | ☐ | ☐ |

Exp. bearing lifetime ☐ [L10h] ☐ [Lh10a] _____ h

## Positioning [mandatory]

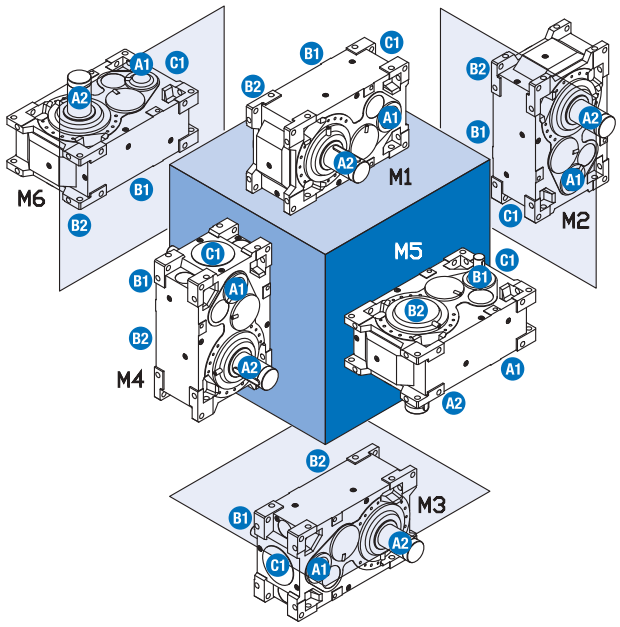
Mounting position

☐ M1 ☐ M4
☐ M2 ☐ M5
☐ M3 ☐ M6

Shaft positions

☐ A1 ☐ A2
☐ B1 ☐ B2
☐ C1

Inclined mounting position _____




## Shaft Configuration

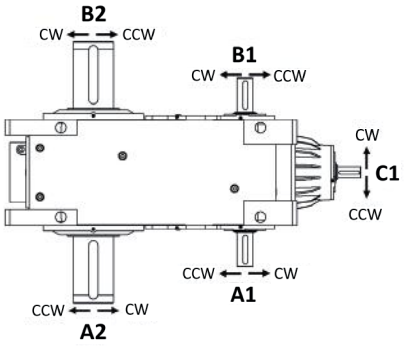
(topview for M1 mounting)

### Output Shaft

| View on | Rotation |
|---|---|
| ☐ A2 | ☐ CW |
| ☐ B2 | ☐ CCW |

### Input Shaft

| View on | Rotation |
|---|---|
| ☐ A1 | ☐ CW |
| ☐ B1 | ☐ CCW |
| ☐ C1 | |




### Options

| | | | |
|---|---|---|---|
| Auxiliary drive (WX) | ☐ A1 | ☐ B1 | |
| Backstop (R) | ☐ A1 | ☐ B1 | |
| Brake | ☐ A1 | ☐ B1 | ☐ C1 |

## Gearbox Options [mandatory]

### Output Shaft

☐ Solid shaft with keyway (V)
☐ Splined solid shaft DIN5480 (EV)
☐ Double solid shaft (L)
☐ Hollow shaft with keyway (A)
  ☐ with standard cover (H) ☐ with IP66 cover (H66)
  ☐ with fixing kit (B) ☐ with shrink disc (S)
☐ Splined hollow shaft DIN5480 (EA)

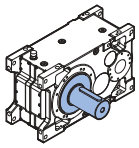
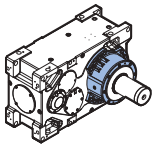
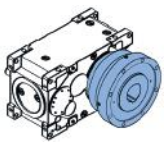
### Sealing

☐ Standard sealing ☐ Taconite (TAC) ☐ Drywell (DRY)

### Mounting

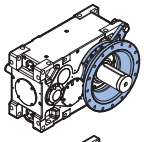
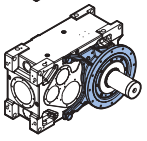
#### Foot mounting

☐ Standard design ☐ Agitator design (VL6/KL6)* incl. drywell / without flange ☐ Extruder design (VL5)

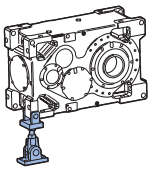
#### Flange mounted

☐ Flange design (FK) (through holes)
☐ Flange design (F) (threaded holes)
☐ Agitator design (VL2/KL2)
☐ Agitator design (VL3/KL3) (incl. oil leak detection)
☐ Agitator design (VL4/KL4)* (incl. drywell)

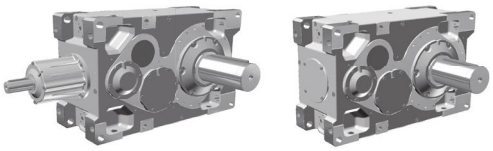



#### Shaft mounted

☐ Standard torque support (D)
☐ Elastic torque support (ED)



*Pressure forced lubrication (LCX) necessary





NORD DRIVESYSTEMS

# MAXXDRIVE® Inquiry Form

DRIVESYSTEMS



## Further Options

### Breather

- ☐ NORD recommendation
- ☐ Desiccant breather (DB)
- ☐ Metal filter (FV)
- ☐ Cellulose filter (EF)

### Oil Level Monitoring

- ☐ Screw plug (standard)
- ☐ Oil sight glass (OSG)
- ☐ Oil dip stick (PS)
- ☐ Oil level indicator (OST)

### Oil Drain

- ☐ Screw plug (standard)
- ☐ Oil drain cock (BV)

### Sensors

- ☐ PT100 in oil sump
- ☐ PT100 for bearings
- ☐ Prepared for sensor mounting (SPM)
- ☐ Vibration sensors
- ☐ Other, please specify _____

## Certification

### ATEX

Explosion protection required ☐ yes ☐ no

- ☐ Zone II 3D
- ☐ Zone II 2D
- ☐ Zone II 3G
- ☐ Zone II 2G

Temperature class [°C] _____

Other certificates _____

## Painting

- ☐ NORD recommendation
- ☐ Basic (standard)
- ☐ Other, please specify _____
  (see G1050)

## Lubrication*

### Oil Type

- ☐ NORD recommendation
- ☐ Mineral oil CLP
- ☐ Synthetic oil CLP HC (PAO)
- ☐ Other _____

### Viscosity Class

- ☐ ISO VG 220
- ☐ other _____

** Standard delivery without oil*

### Long Term Storage

- ☐ Not required
- ☐ Full oil Level
- ☐ With Anticorit VCI only
- ☐ With VCI oil

### Lubrication System

- ☐ NORD recommendation
- ☐ Splash lubrication (standard)
- ☐ Pressure lubrication
  - ☐ upper bearings (LC)
  - ☐ bearings + gears (LCX)

Type of pump

- ☐ with flange pump
- ☐ with motorpump (3-phase)

### Oil Heater (mandatory below -20°C/-4°F)

☐ 1-phase ☐ 3-phase

Voltage [V] _____

## Permissable Oil Cooling [mandatory]

| | | |
|---|---|---|
| ☐ FAN | ☐ Approved | ☐ Not approved |
| ☐ External oil/air cooler (CS2) | ☐ Approved | ☐ Not approved |
| ☐ Cooling coil (CC)* | ☐ Approved | ☐ Not approved |
| ☐ External oil/water cooler (CS1)* | ☐ Approved | ☐ Not approved |

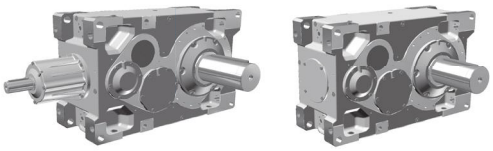
Max. cooling water temperature _____ [°C] _____ [°F]

**Cooling water supply by the customer is necessary*

## Further Information (Customer Requirements / Specification / Packaging)

## Sketch (Mounting Arrangement / Geometrical Restrictions / External Forces)

# Notes







## Gear Unit Selection Procedure

Selecting a MAXXDRIVE™ gear unit requires three fundamental steps.

### 1. Pre-selection

A variety of options or methods are provided to aid in the pre-selection.

**1.1** Input Power Method (⇨🕮 18).
**1.2** Output Torque Method (⇨🕮 20).
**1.3** Variable Output Torque Method (⇨🕮 22).

### Standard Selection Criteria

The standard or default selection criteria are defined as follows:

- Ambient temperature: 20°C (68 °F) or 40°C (104°F)
- Ambient air condition: large open area with good air circulation and convection cooling; sustained ambient air velocity approaching $V_L \approx 4.92$ ft/s (1.5 m/s).
- Installation foundation: flat and level steel sub-construction.
- Installation altitude: ≤ 3280 ft (1000 m) above sea level.
- Mounting position: horizontal (⇨🕮 37 - 38).
  - M1 is standard for 2-stage Parallel and 3-stage Right-Angle gear units.
  - M3 is standard for 3-stage Parallel and 4-stage Right-Angle gear units.
- Lubrication method: oil-splash lubrication.
- PAO Oil ISO VG 220

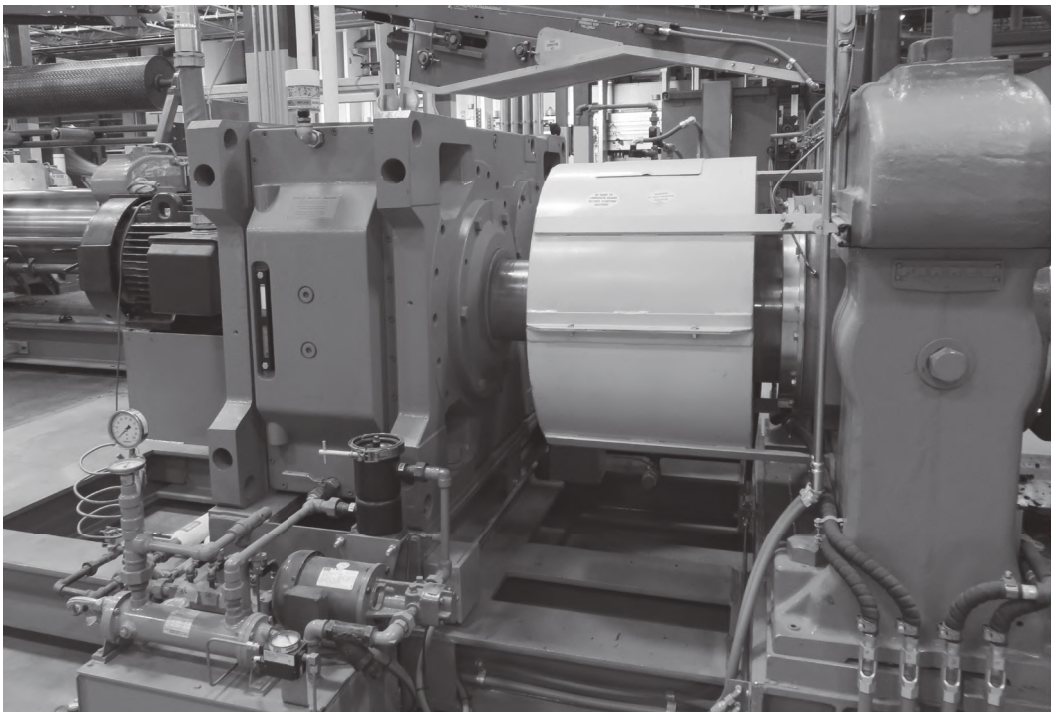
### 2. Check of peak load conditions (⇨🕮 23).

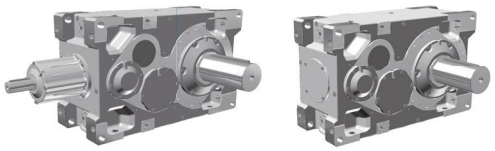
### 3. Check of the thermal power capacity ⇨🕮 25).

Our selection procedure accounts for variations in ambient temperature and air conditions, installation altitude, mounting position, lubrication method, and thermal power capacities.

**⚠ WARNING ⚠**

To assure proper reducer lubrication and cooling during operation, consult NORD when operating input speed requirements exceed 1800 rpm or are below 1000 rpm.







### 1.1 Pre-selection: Input Power Method

The selection of the gear reducer is based upon the known Input Power ($P_1$).

1. **Determine if the nominal input speed ($n_{1N}$) will be 1000, 1200, 1500 or 1800 rpm.**

> ⚠ **IMPORTANT NOTE** ⚠
>
> The reducer power ratings tables are based upon typical input speeds of 1000, 1200, 1500 & 1800 rpm. For other input speeds between 1000-1800 you may make a selection based on the (1.2) Output Torque Method found on page ⇨🕮 20.

2. **Record the required output speed ($n_2$) or required ratio ($i_{req}$) of the gear reducer. Calculate ($i_{req}$) if ($n_2$) is known, or calculate ($n_2$) if ($i_{req}$) is known.**

$$i_{req} = \frac{n_{1N}}{n_{2N}} \text{ or ... } n_2 = \frac{n_{1N}}{i_{req}}$$

3. **Record the required input power ($P_1$). The required input power ($P_1$) may also be calculated as follows, if one knows the required output speed ($n_2$) and required reducer output torque ($M_2$).**

$$P_1 = \frac{M_2 \times n_{2N}}{63025 \times \eta_N} \text{ (for hp) or } P_1 = \frac{M_2 \times n_{2N}}{9.55 \times \eta_N} \text{ (for kW) where...}$$

$\eta_N$ =nominal gear reducer efficiency (⇨🕮 30)

4. **Determine the Operating Service Factor ($f_B$) from the table on pages ⇨🕮 32 - 35.**

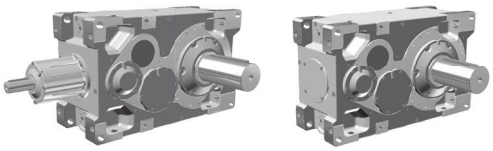
> ⚠ **WARNING** ⚠
>
> Consult NORD if uncertain about what operating service factor ($f_B$) is required and in cases where a lower service factor than shown in the table on page ⇨🕮 32 is desired.

5. **Determine the Input Factor ($f_M$) from, page ⇨🕮 30. This factor will help account for possible torque fluctuations from the type of prime mover.**
6. **Calculate the required rated power ($P_N$) for the gear reducer as follows:**

$$P_N = P_1 \cdot f_B \cdot f_M$$

7. **Utilize the ratings tables to select a gear unit and gear ratio, in accordance to the input power ($P_1$) and the required gear ratio ($i_{req}$) or output speed ($n_{2N}$).**

Parallel shaft gear units ⇨🕮 87 – 130
Right-angle gear units ⇨🕮175 – 218







## (1.1) Pre-selection - Example Equation:

When the following information is given:

$P_1$ = 373 kW (known input power)
$n_{1N}$ = 1800 rpm (input speed; step 1)
$n_2$ = 80 rpm (required output speed)

**Calculated:**

$$i_{req} = \frac{n_{1N}}{n_2} = \frac{1800}{80} = 22.5 \text{ (required ratio)}$$

**Pre-selection Example Application:**

Mixer; homogenous materials - Duty Cycle = 5-10 hours daily (⇨🕮 32)

| Service factors - $f_B$ | | | |
|---|---|---|---|
| Application | Load Duration | | |
| | up to 5 hrs per day | 5-10 hrs per day | over 10 hrs per day |
| **MIXERS** | | | |
| for homogeneous material | 1,35 | 1,35 | 1,40 |

$f_B$ = 1.35 (service factor)

**Input Factor (takes into account the prime mover) (⇨🕮 30)**

| $f_M$ | Type of Prime Mover |
|---|---|
| | Electric motors<br>Hydro motors<br>Turbines |
| | 1 |

**Calculated:**

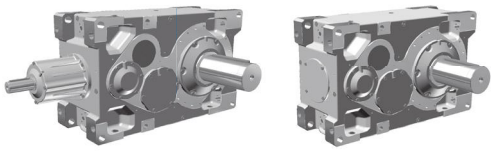
$P_N = P_1 \cdot f_B \cdot f_M$ or $P_N = 373 \cdot 1.35 \cdot 1.0$

**Therefore $P_N$ = 503.5 kW**

Use this number and the required ratio calculation to look at the Ratings section in order to decide on the proper sized gear unit.

In this case a 22.5 ratio with 503.5 kW with an input speed of 1800 rpm and an 80 rpm output speed would lead you to choose a 11307 (found on page ⇨🕮 91) based on comparing our calculations and the highlighted numbers from the example below.

| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 22,4 | 1000 | 36 | 69 | 97 | 110 | 140 | 180 | 217 | 345 | 515 | 722 | 878 | 1.295 |
| | 1500 | 54 | 103 | 145 | 166 | 210 | 269 | 325 | 517 | 772 | 1.083 | 1.317 | 1.942 |
| | 1200 | 48 | 83 | 116 | 132 | 168 | 216 | 260 | 414 | 618 | 866 | 1.054 | 1.554 |
| | 1800 | 64 | 124 | 174 | 199 | 252 | 323 | 390 | 621 | 927 | 1.299 | 1.581 | 2.331 |





## 1.2 Pre-selection: Output Torque Method

The selection of the gear reducer is based upon the required Reducer Output Torque ($M_2$).

**1. Determine the nominal input speed ($n_{1N}$).**

| ⚠ **IMPORTANT NOTE** ⚠ |
|---|
| The reducer ratings tables are based upon input speeds of 1000, 1200, 1500 & 1800 rpm. |

**2. Record the required output speed ($n_2$) or required ratio ($i_{req}$) of the gear reducer. Calculate ($i_{req}$) if ($n_2$) is known, or calculate ($n_2$) if ($i_{req}$) is known.**

$$i_{req} = \frac{n_{1N}}{n_{2N}} \text{ or ... } n_{2N} = \frac{n_{1N}}{i_{req}}$$

**3. Record the required reducer output torque ($M_2$). The required reducer output torque ($M_2$) may also be calculated as follows, if one knows the required output speed ($n_{2N}$) and required input power ($P_1$).**

$$M_2 = \frac{P_1 \times 63025 \times \eta_N}{n_{2N}} \text{ (for hp) or } M_2 = \frac{P_1 \times 9.55 \times \eta_N}{n_{2N}} \text{ (for kW) where...}$$

$\eta_N$ =nominal gear reducer efficiency (⇨🕮 30)

**4. Determine the Operating Service Factor ($f_B$) from the table on pages ⇨🕮 32 - 35.**

| ⚠ **WARNING** ⚠ |
|---|
| Consult NORD if uncertain about what operating service factor ($f_B$) is required and in cases where a lower service factor than shown in the table on page ⇨🕮 32 is desired. |

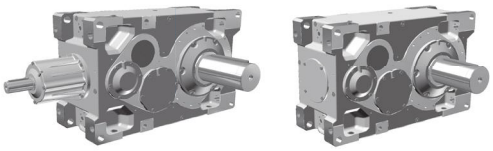
**5. Determine the Input Factor ($f_M$) from, page ⇨🕮 30. This factor will help account for possible torque fluctuations from the type of prime mover.**

**6. Calculate the required Rated Torque ($M_{2max}$) for the gear reducer as follows:**

$$M_{2MAX} = M_2 \cdot f_B \cdot f_M$$

**7. Utilize the ratings tables to select a gear unit and gear ratio, in accordance to the reducer output torque ($M_2$) and the required gear ratio ($i_{req}$) or output speed ($n_2$).**

Parallel shaft gear units ⇨🕮 87 – 130
Right-angle gear units ⇨🕮 175 – 218







## (1.2) Pre-selection - Example Equation:

When the following information is given:

$M_2$ = 45.19 kNm (required output torque)
$n_{1N}$ = 1800 rpm (input speed; step 1)
$n_2$ = 80 rpm (required output speed)

**Calculated:**

$$i_{req} = \frac{n_{1N}}{n_2} = \frac{1800}{80} = 22.5 \text{ (required ratio)}$$

**Pre-selection Example Application:**

Mixer; homogenous materials - Duty Cycle = 5-10 hours daily (⇨🕮 32)

| Service factors - $f_B$ | | | |
|---|---|---|---|
| Application | Load Duration | | |
| | up to 5 hrs per day | 5-10 hrs per day | over 10 hrs per day |
| **MIXERS** | | | |
| for homogeneous material | – | 1.35 | 1.40 |

$f_B$ = 1.35 (service factor)

**Input Factor (takes into account the prime mover (⇨🕮 30)**

| $f_M$ | Type of Prime Mover |
|---|---|
| | Electric motors<br>Hydro motors<br>Turbines |
| | 1 |

$f_M$ = electric motor = 1.0 (input factor)

**Calculated:**

$M_{2max} = M_2 \cdot f_B \cdot f_M$ or $M_{2max} = 45.19 \text{ kNm} \cdot 1.35 \cdot 1.0$

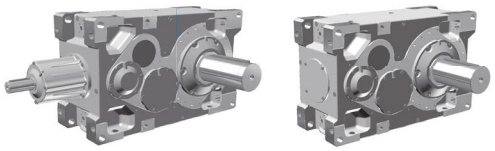
Therefore $M_{2max}$ = 61.01 kNm

Use this number and the required ratio calculation to look at the Ratings section in order to decide on the proper sized gear unit.

In this case a 22.5 ratio with a 61.01 kN-m torque requirement would lead you to select an 11307 (found on page ⇨🕮 94) which is based on comparing our calculations to the highlighted numbers from the example below.

| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| **20** | 15 | 20 | 24 | 29 | 40 | 46 | 73 | 108 | 150 | 190 | 255 |
| **22,4** | 15 | 20 | 24 | 29 | 40 | 46 | 74 | 109 | 151 | 190 | 270 |
| **25** | 15 | 20 | 24 | 29 | 40 | 47 | 76 | 109 | 151 | 190 | 273 |
| **28** | 15 | 20 | 24 | 29 | 41 | 47 | 76 | 110 | 151 | 190 | 276 |

**SK ..207 Units** **SK ..307 Units**





### 1.3 Pre-selection: Variable Output Torque Method

In many gear reducer applications, the required reducer output torque varies from one time interval to the next, over the typical operational duty cycle. In these situations variable torque loads, at constant speed operation, can be converted to an average torque in order to make a selection.

1. **Determine if the nominal input speed ($n_{1N}$) will be 1000, 1200, 1500 or 1800 rpm.**
2. **Record the Required Output Speed ($n_{2N}$) or Required Ratio ($i_{req}$) of the gear reducer.**
3. **Calculate $i_{req}$ if $n_{2N}$ is known, or calculate $n_{2N}$ if $i_{req}$ is known.**

$$i_{req} = \frac{n_{1N}}{n_{2N}} \text{ or ... } n_{2N} = \frac{n_{1N}}{i_{req}}$$

4. **Calculate the Average Reducer Output Torque ($M_{2avg}$) as follows:**

$$M_{2avg} = 6.6\sqrt{\left((T_{2.1})^{6.6} \cdot \frac{t_1}{t_t}\right) + \left((T_{2.2})^{6.6} \cdot \frac{t_2}{t_t}\right) + ... + \left((T_{2.n})^{6.6} \cdot \frac{t_n}{t_t}\right)}$$

where:

| | | |
|---|---|---|
| $M_{2avg}$ | = | Average reducer output torque |
| $T_{2.1}$ ... $T_{2.n}$ | = | Required reducer output torque at a specific time interval |
| $t_1$ ... $t_n$ | = | Specific time interval |
| $t_t$ | = | Total duty cycle time, representing all torque and time intervals |

5. **Determine the Operating Service Factor ($f_B$) from the table on pages ⇨🕮 32 - 35.**
6. **Determine the Input Factor ($f_M$) from, page ⇨🕮 30. This factor will help account for possible torque fluctuations from the type of prime mover.**
7. **Calculate the required rated torque ($M_{2max}$) for the gear reducer as follows:**

$$M_{2max} = M_{2avg} \cdot f_B \cdot f_M$$

8. **Use the ratings tables to select a gear unit and gear ratio, in accordance to the average reducer output torque ($M_{2avg}$) and the required gear ratio ($i_{req}$) or output speed ($n_{2N}$) requirements.**

Parallel shaft gear units ⇨🕮 87 – 130
Right-angle gear units ⇨🕮 175 – 218

9. **Using the formula shown, calculate the average input power ($P_{1avg}$).**
where:

$$P_{1avg} \geq \frac{M_{2avg} \times n_{1N}}{9{,}55 \times i_N \times \eta_N} \text{ (kW) or } P_{1avg} \geq \frac{M_{2avg} \times n_{1N}}{63025 \times i_N \times \eta_N} \text{ (hp)}$$

| | | |
|---|---|---|
| $P_{1avg}$ | = | Average required input power for a specific time interval. |
| $M_{2avg}$ | = | Average required reducer output torque |
| $n_{1N}$ | = | Nominal (motor) input speed |
| $\eta_N$ | = | Nominal gear reducer efficiency (⇨🕮 30) |

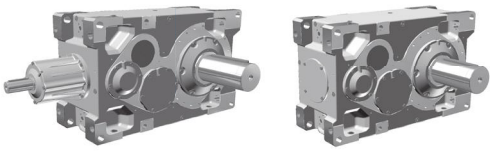
10. **Using the formula shown, calculate the Required Input Power ($P_{1.N}$) for each portion of the duty cycle. Then determine the maximum ($P_{1.N}$) value.**

$$P_{1.N} \geq \frac{M_{2.N} \times n_{1N}}{63025 \times i_N \times \eta_N} \text{ (hp) or } P_{1.N} \geq \frac{M_{2.N} \times n_{1N}}{9.55 \times i_N \times \eta_N} \text{ (kW)}$$

where:

| | | |
|---|---|---|
| $M_{2avg}$ | = | Average reducer output torque |
| $M_{2.1}$ ... $M_{2.n}$ | = | Required reducer output torque at a specific time interval. |
| $t_1$ ... $t_n$ | = | Specific time interval. |
| $t_{ges}$ | = | Total duty cycle time, representing all torque and time intervals |

11. **Select a motor power ($P_1$) that is suited to deliver both the average required power ($P_{1avg}$), calculated in Step 9, and the maximum required power ($P_{1.N}$), determined in Step 10.**





**IMPORTANT NOTE**

Utilizing the motor's overload capacity may not be necessary to select the motor power based upon the maximum power required for the duty cycle. Consult your motor supplier and/or NORD DRIVESYSTEMS if help is needed.

**IMPORTANT NOTE**

When trying to determine the motor power, it is common practice to round the calculated power to the next available standard motor power.

12. **Using the selected motor power ($P_1$) from Step 11, verify that the Rated Torque ($M_{2max}$) of the selected gear reducer is larger than the value calculated below.**

$$M_{2max} \geq \frac{P_1 \cdot i_{ges} \cdot 63205}{n_1} \cdot \eta_N \cdot f_B \cdot f_m \text{ (lb-in)} \quad \text{or} \quad M_{2max} \geq \frac{P_1 \cdot i_{ges} \cdot 9.55}{n_1} \cdot \eta_N \cdot f_B \cdot f_m \text{ (kNm)}$$

where:
$P_1$ = Motor power determined in step 11
$i_{ges}$ = Exact gear ratio for the gear unit selected in step 11
$n_{1N}$ = Nominal (motor) input speed
$\eta_N$ = Nominal gear reducer efficiency (⇨📖 30)

## 2. Check of peak load conditions

After the basic pre-selection of the MAXXDRIVE™ gear reducer, the peak load conditions must be determined at the reducer output, and compared to the reducer rated torque, in order to verify that the gear unit has a sufficient mechanical rating or capacity.

The peak load torque is the highest possible torque that may occur in the application. When the equipment builder or machine designer has determined the peak operating loads, these conditions should be considered during the selection verification process. Otherwise peak load torques estimates need to be made.

**Methods for Caclulating Gear Reducer Torque**

**Method 1 : Peak load at the output is known.**

If the machine designer or equipment builder knows the peak load developed at the reducer output, the reducer selection can be verified by applying the following formula.

$$M_{2max} \geq M_{2peak} \cdot f_S$$

where:
$M_{2max}$ = Gear reducer rated torque
$M_{2peak}$ = Peak load torque at the reducer output
$f_s$ = Peak load factor (⇨📖 30)

**Method 2 : Peak load at the input is known.**

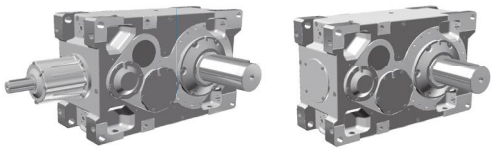
If the machine designer or equipment builder knows the peak load developed at the reducer input, the reducer selection can be verified by applying the following formula.

$$M_{2max} \geq M_{1peak} \cdot i_{ges} \cdot f_S$$

where:
$M_{2max}$ = Gear reducer rated torque
$M_{1peak}$ = Peak load torque at the reducer input
$i_{ges}$ = Exact gear ratio for the selected gear unit
$f_s$ = Peak load factor (⇨📖 30)

**IMPORTANT NOTE**

When brakes are supplied between the motor and the gear reducer, or when brake motors are utilized, the peak torque developed by the braking action must also be considered.





## 2. Check of peak load conditions (ctd.)

### Method 3 : Estimating peak load torque at the output

Often, the peak load torque at the reducer output is not known. When this is the case and estimate of the peak load torque can be made from the known input shaft loads and by taking into consideration the Start-Up Factor ($f_{AN}$).

$$M_{2max} \geq \frac{P_1 \cdot i_{ges} \cdot 63205}{n_1} \cdot \eta_N \cdot f_{AN} \cdot f_s \text{ (lb-in)} \quad \text{or} \quad M_{2max} \geq \frac{P_1 \cdot i_{ges} \cdot 9.55}{n_1} \cdot \eta_N \cdot f_{AN} \cdot f_s \text{ (kNm)}$$

where:
$M_{2max}$ = gear reducer rated torque
$P_1$ = Motor power determined in step 1.3, point 1- 11 (⇨🕮 22)
$i_{ges}$ = exact gear ratio for the gear unit selected in step 1.3, point 1-11 (⇨🕮 22)
$n_1$ = input speed to the gear unit
$\eta_N$ = nominal gear reducer efficiency (⇨🕮 30)
$f_{AN}$ = start -up factor (⇨🕮 30)
$f_S$ = peak load factor (⇨🕮 30)

### (2.) Check of Peak Load - Example Equation:

We must make sure the gearbox is able to handle the load that will be applied when in operation.

When the following information is given:

Reversing Application with
$M_{2peak}$ = 45.19 kN-m (peak load at reducer output)
$f_S$ = 10x per hour (peak load frequency on page ⇨🕮 30)

| $f_S$ | Direction of load | Load peaks per hour 6 - 20 |
|---|---|---|
| | one-directional | 0.63 |
| | reversible | 0.87 |

**Calculated:**

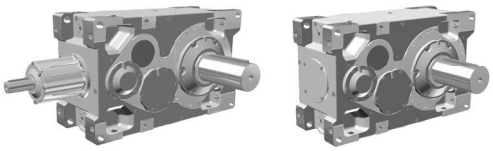
$M_{2max} \geq M_{2peak} \cdot f_S$ or... 74 kN-m ≥ 45.19 kN-m · 0.87 or... 74 kN-m ≥ 39.31 kN-m = ☑

This drive selection is acceptable based on the equation outcome

| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| 20 | 15 | 20 | 24 | 29 | 40 | 46 | 73 | 108 | 150 | 190 | 255 |
| 22,4 | 15 | 20 | 24 | 29 | 40 | 46 | 74 | 109 | 151 | 190 | 270 |
| 25 | 15 | 20 | 24 | 29 | 40 | 47 | 76 | 109 | 151 | 190 | 273 |
| 28 | 15 | 20 | 24 | 29 | 41 | 47 | 76 | 110 | 151 | 190 | 276 |

SK ..207 Units  SK ..307 Units

Max Torque ($M_{2max}$) From Step 1.2 = 74 kNm





### 3. Check of Thermal Power Capacity

Before finalizing the gear reducer selection, one must check to make certain the reducer's thermal power capacity ($P_{wg}$) exceeds the input power ($P_1$) or motor power ($P_M$) being delivered to the gear unit.

$P_{wg} > P_1$ and $P_{wg} > P_M$

**⚠ WARNING ⚠**

If the gear drive's thermal power capacity is limited there will not be sufficient thermal energy dispersion and the gear unit can overheat causing significant damage.

The thermal power capacity of the gear reducer is influenced by a variety of factors. These additional factors must be considered in making the final gear reducer selection:

- Ambient temperature
- Heat transfer to/from adjoining surfaces
- Mechanical loading of the gear unit
- Size and type of gear unit
- Ratio
- Input speed
- Type of lubrication used
- Oil fill level
- Operation duty cycle
- If there is an additional oil circulating system
- If an oil cooling system is utilized
- Ambient conditions and altitude

#### When to Consult NORD DRIVESYSTEMS

Consult NORD DRIVESYSTEMS for a detailed application review if two or more of the following conditions apply:

- Upright mounting position (M2, M4).
- Input power $P_1$ > 670 hp (500 kW)
- Input speeds $n_1$ > 1800 rpm or $n_1$ < 1000 rpm
- Increased ambient temperature > 104°F (40°C)
- In ATEX environments

Consult NORD DRIVESYSTEMS for recommendations if there are special installation conditions that may affect the operating temperature of the unit. Examples include, but are not limited to, the following:

- Installation in an area with limited air flow
- Exposure to high ambient conditions or heat radiation
- Exposure to solar heating

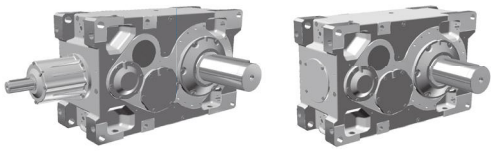
**⚠ WARNING ⚠**

For installation outdoors, adequate shading from the sun must be provided.

#### Standard Installation & Operating Conditions

The thermal power rating of the gear unit is always defined at standard installation and operating conditions as follows.

- Ambient temperature: 20°C (68 °F), 40°C (104 °F)
- Ambient air condition: large open area with good air circulation and convection cooling; sustained ambient air velocity approaching $V_L \approx 4.9$ ft/s (1.5 m/s)
- Installation foundation: flat and level steel sub-construction
- Installation altitude: ≤ 3280 ft (1000 m) above sea level
- Mounting position: horizontal (⇨🕮 37 - 38)
  - M1 is standard for 2-stage Parallel and 3-stage Right-Angle gear units
  - M3 is standard for 3-stage Parallel and 4-stage Right-Angle gear units
- Lubrication method: oil-splash lubrication
- If water cooled, cooling water inlet temperature: 20°C (68 °F)
- Synthetic oil PAO ISO VG 220





## Cooling Selection Methods

Cooling system options are recommend as shown in the selection table under the column labeled “CS”.

| Column “CS” | Recommended Cooling System Option |
|---|---|
| – | Indicates that no additional measures are required so long as standard installation and operating conditions are applicable. |
| Fan | Fan cooling with shaft-driven fan. |
| CC | Integrated water cooling coil. |
| A,B,…H | Letter designates suggested size of either the oil/water or oil/air external cooling system. |

## Method 1 : Applying the Reducer Rating Tables

The thermal ratings tables provide the following thermal power capacities that are based upon a 68°F (20°C) temperature condition, along with standard installation and operating conditions. For other temperatures and multiplication factors please see the table on page ⇨🕮 30.

- Convection cooling only ($P_{t0.20}$) resp ($P_{t0.40}$).
- Convection + shaft-driven fan ($P_{t0.20} + P_{tF.20}$) resp ($P_{t0.40} + P_{tF.40}$).
- Convection + integrated water coil ($P_{t0.20} + P_{tC.20}$) resp ($P_{t0.40} + P_{tC.20}$).

**⚠ WARNING ⚠**

Published thermal ratings are based upon standard installation and operating conditions. When this is not the case the thermal power capacity must be verified through direct calculation or analysis.

## Method 2 : Direct Calculation or Analysis

The published thermal power ratings are always defined at standard installation and operating conditions. When this is not the case the thermal power capacity must be verified through direct calculation or analysis.

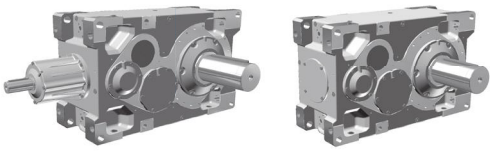
To avoid gear reducer overheating, one must check to make certain the reducer’s thermal power capacity ($P_{wg}$) exceeds the input power ($P_1$) or motor power ($P_M$) being delivered to the gear unit.

$P_{wg} > P_1$ and $P_{wg} > P_M$

By utilizing the gear reducer operating factors listed on pages ⇨🕮 30 - 31, one can determine the thermal power capacity of the gear reducer, for the type of cooling option that is used or specified.

Aside from relying on pure convection or air cooling, NORD can provide a variety of cooling options to increase the thermal capacity of the gear reducer, including:

- The addition of a shaft-driven fan (⇨🕮 85)
- The addition of an internal water cooler (⇨🕮 81)
- The addition of an oil/water cooling system (⇨🕮 84)
- The addition of an oil/air cooling system (⇨🕮 84)





### Case 1: Convection Cooling Only

$P_{wg} = P_{t0.20} \cdot f_v \cdot f_H \cdot f_{ED}$ or $P_{t0.40} \cdot f_v \cdot f_H \cdot f_{ED}$

$P_{wg}$ = Calculated Thermal power rating with convection cooling.
$P_{t0.20}$ = Base Thermal power capacity with convection cooling @ 20°C.
$P_{t0.40}$ = Base Thermal power capacity with convection cooling @ 40°C.
$f_v$ = Ambient air velocity factor.
$f_H$ = Installation altitude factor.
$f_{ED}$ = Duty cycle factor

### Case 2: Convection Cooling + Shaft-Driven Fan

$P_{wg.F} = P_{wg} + P_{tF.20} \cdot f_H$ or $P_{wg.F} = P_{wg} + P_{tF.40} \cdot f_H$

$P_{wg.F}$ = Calculated thermal rating with an added shaft fan.
$P_{wg}$ = Calculated Thermal power rating with convection cooling.
$P_{tF.20}$ = Additional thermal power capacity from fan @ 20°C.
$P_{tF.40}$ = Additional thermal power capacity from fan @ 40°C.
$f_H$ = Installation altitude factor.

### Case 3: Convection Cooling + Integrated Water Coil

$P_{wg.C} = P_{wg} + P_{tC.20}$

$P_{wg.C}$ = Calculated thermal rating with an added water coil.
$P_{wg}$ = Calculated Thermal power rating with convection cooling.
$P_{tC.20}$ = Additional thermal power capacity from water coil @ 20°C.

### Case 4: Convection Cooling + Shaft-Fan + Integrated Water Coil

$P_{wg.FC} = P_{wg.F} + P_{tC.20}$

$P_{wg.FC}$ = Calculated thermal rating with an added shaft, fan and water coil.
$P_{wg.F}$ = Calculated thermal rating with an added shaft fan.
$P_{tC.20}$ = Additional thermal power capacity from water coil @ 20°C.

**⚠ *IMPORTANT NOTE* ⚠**

For help in determining the size of the oil cooler or the cooling power capacity ($Q_{CS1}$ or $Q_{CS2}$) of the oil/air cooler, see separate instructions on ⇨🕮 84.

### Case 5: Convection Cooling + external Oil/Water Cooling System

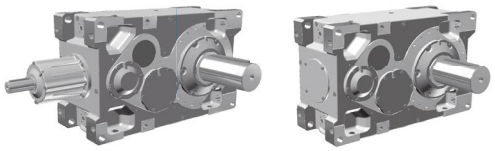
$$P_{wg.CS1} = P_{wg} + \left( \frac{Q_{CS1}}{(1-\eta_n)} \cdot f_w \right)$$

$P_{wg.CS1}$ = Calculated thermal rating with a water cooling system.
$P_{wg}$ = Thermal power rating with convection cooling.
$Q_{CS1}$ = Cooling power capacity of the oil/water cooling system
$\eta_N$ = Nominal gear reducer efficiency (⇨🕮 30)
$f_w$ = Cooling water temperature factor.

### Case 6: Convection Cooling + external Oil/Air Cooling System

$$P_{wg.CS2} = P_{wg} + \left( \frac{Q_{CS2}}{(1-\eta_n)} \cdot f_L \right)$$

$P_{wg.CS2}$ = Calculated thermal rating with an air cooling system.
$P_{wg}$ = Thermal power rating for convection cooling.
$Q_{CS2}$ = Cooling power capacity of the oil/air cooling system
$\eta_N$ = nominal gear reducer efficiency (⇨🕮 30)
$f_L$ = Fan cooling air temperature factor.





## Radial Overhung Load [$F_R$]

A radial overhung load force ($F_R$) exists when a resultant force is applied to the reducer shaft, by transferring power at a right angle, through an externally mounted power transmission device, such as a belt pulley, chain sprocket, or gear.

The overhung load ratings are…

- to be applied at the midpoint of the shaft (distance x housing edge)
- to be applied without thrust loads
- based upon the least favorable loading direction & least favorable direction of rotation

When calculating the applied radial overhung load force ($F_{Rvorh}$), corresponding power transmission factor ($f_z$) must be taken into account.

$$F_R = \frac{2 \cdot M_2}{d_O} \cdot f_Z \cdot f_B \leq F_{Rperm.}$$

$F_R$ = calculated radial load force on the reducer output shaft.
$F_{Rperm.}$ = permissable radial overhung load force [kN]
$M_2$ = output torque of gear reducer [Nm]
$d_O$ = effective pitch diameter of external power transmission device [mm]
$f_Z$ = power transmission factor
$f_B$ = operating service factor

| Transmission Component | Power Transmission Factor [fz] | Notes |
|---|---|---|
| Gear | 1,2 | 17 teeth or less |
| Gear | 1,1 | 18 teeth or more |
| Chain sprocket | 1,4 | 13 teeth or less |
| Chain sprocket | 1,2 | 14 to 20 teeth |
| Chain sprocket | 1,0 | 21 teeth or more |
| Timing belt pulley | 1,5 | --- |
| V-belt pulley | 1,7 | --- |
| Flat belt pulley | 2,5 | --- |

## Axial/Thrust Load [$F_A$]

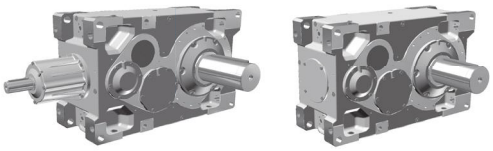
Loads that are directed towards or away from the gearbox, along the axis of the shaft, are called thrust or axial loads ($F_A$).

Axial force ratings are

- to be applied without radial loads.
- based upon the least favorable loading direction and least favorable direction of rotation.

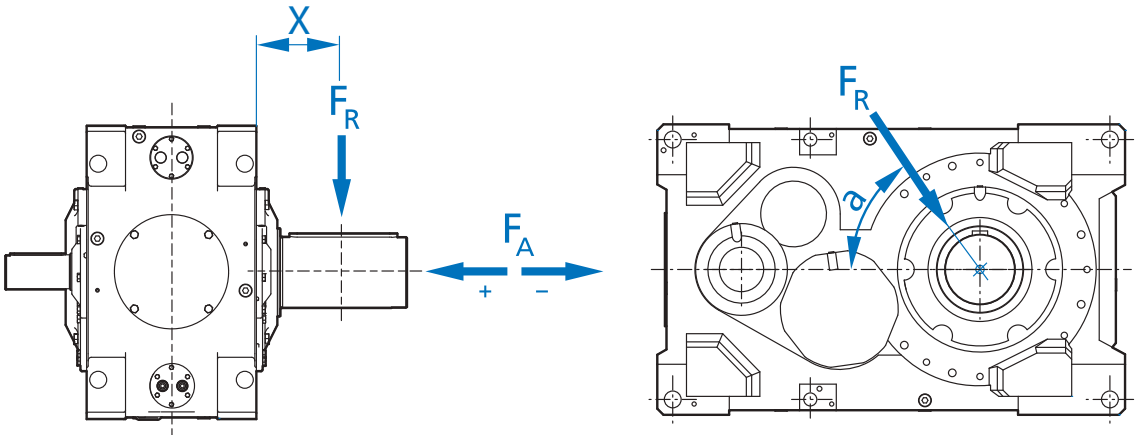
### ⚠ IMPORTANT NOTES ⚠

- Consult NORD DRIVESYSTEMS if the applied radial load force is not at the center of the output shaft or if evaluation of an input shaft overhung load is required.
- Both ($F_R$) and the permissible rated thrust/axial load force ($F_A$) are based upon an operating service factor condition $f_B$=1.0.
- In cases where the reducer is subjected to high inertia loads, shock load conditions, suddenly applied forces or long periods of operation, (> 5 hours/day) an appropriate operating service factor $f_B$ >1 must be considered.
- When checking applied radial/axial load forces the appropriate service factor must be applied.
- Please consult NORD if an overhung load and axial load are applied simultaneously.
- Higher radial and axial forces may be possible. For a precise calculation, please state the direction and location of the applied force/s, the desired rotation of the shaft, and the required operating life.



# Radial Load Ratings






**Values for overhanging loads**

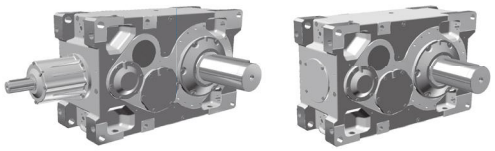
| Unit Type | x [mm] | $F_{r\,max}$ [kN] | $F_{r\,max}$ [lbf] |
|---|---|---|---|
| **SK 5.07** | 125 | 30 | 6.700 |
| **SK 6.07** | 125 | 30 | 6.700 |
| **SK 7.07** | 147 | 50 | 11.200 |
| **SK 8.07** | 147 | 50 | 11.200 |
| **SK 9.07** | 195 | 80 | 18.000 |
| **SK 10.07** | 195 | 80 | 18.000 |
| **SK 11.07** | 210 | 120 | 27.000 |
| **SK 12.07** | 235 | 150 | 33.700 |
| **SK 13.07** | 283 | 160 | 36.000 |
| **SK 14.07** | 283 | 160 | 36.000 |
| **SK 15.07** | 275 | 180 | 40.500 |

The table shows the permissible radial transition loads under the following conditions:

- Standard bearings and standard housing material
- $F_{r\,max}$ for M1 / M3 installation position, foot-mounted on a dry and grease-free base
- Radial force applied at the centre of the shaft journal (Distance "X")
- The angle "α" (Alpha) is the most unfavourable
- The operating factor of the gear unit is 1,3 or larger
- No additional axial loads

**Please contact NORD for:**

- Deviating installation positions
- Permissible axial forces
- Permissible loads for reinforced bearings
- Permissible loads for drive shafts





### Efficiency for Calculations $\eta_N$

The stated efficiency is only to be used for calculation purposes and does not correspond to the actual efficiency of the gear unit. The factor applies to a normal oil level and the installation positions M1 or M3. An increased oil level causes reduced efficiency.

| $\eta_N$ | Calculated Efficiency | | | |
|---|---|---|---|---|
| | SK..207 | SK..307 | SK..407 | SK..507 |
| | 0,975 | 0,960 | 0,955 | 0,935 |

### Input factors $f_M$ (Primary Mover)

Additional torque fluctuations due to the type of input machinery are taken into account with the input factor.

| $f_M$ | Type of Prime Mover | | |
|---|---|---|---|
| | Electric motors<br>Hydro motors<br>Turbines | Piston machines<br>4-6 cylinder.<br>Degree of inequality<br>1: 100 to 1 : 200 | Piston machines<br>1 - 3 cylinder.<br>Degree of inequality<br>1: 100 |
| | 1 | 1,25 | 1,5 |

### Start-up factors $f_{AN}$

The start-up factor must be taken into account if the torque applied to the drive during start-up is not known. If the ratio between the start-up torque and the input torque is known. this may be used in the calculation.

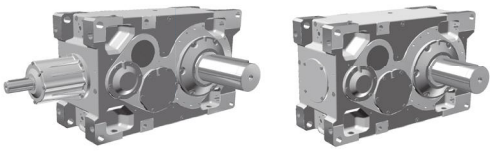
| $f_{AN}$ | Type of drive running | | | | | |
|---|---|---|---|---|---|---|
| | Direct drive | Soft start | Frequency inverter | Star/ Delta | Fluid coupling | Fluid coupling with delay chamber |
| | 3 | 1,8 | 1,5...2,0 [1] | 1,3 | 2 | 1,6 |

[1] Depending on the start-up ramp setting

### Peak load factor with reversing factor $f_S$

The peak load factor takes into account the frequency and direction of peak loads.

| $f_S$ | Direction of load | Load peaks per hour | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 - 5 | 6 - 20 | 21 - 40 | 41 - 80 | 81 - 160 | > 160 |
| | one-directional | 0,50 | 0,63 | 0,70 | 0,79 | 0,88 | 1,05 |
| | reversible | 0,70 | 0,87 | 0,97 | 1,09 | 1,22 | 1,46 |







### Installation altitude factors $f_H$

The installation altitude factor takes into account the lower heat dissipation of the gearbox at higher altitudes

| $f_H$ | Installation altitude above sea level | | | | |
|---|---|---|---|---|---|
| | 0m / 0 ft | 1.000 m / 3.280 ft | 2.000 m / 6.560 ft | 3.000 m / 9.840 ft | 4.000 m / 13.120 ft |
| | 1,00 | 0,96 | 0,91 | 0,87 | 0,83 |

### Switch-on time factor $f_{ED}$

With lower switch-on times, the heat generated by the gearbox decreases.

| $f_{ED}$ | Switch-on time | | | | |
|---|---|---|---|---|---|
| | 100 % | 80 % | 60 % | 40 % | 20 % |
| | 1,00 | 1,08 | 1,19 | 1,37 | 1,75 |

### Cooling water temperature factor $f_W$

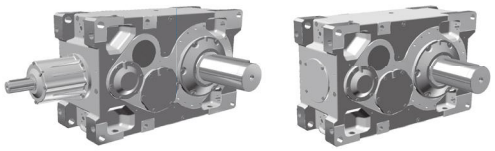
Takes into account the possibility of heat dissipation at various cooling water temperatures.

| $f_W$ | Cooling water temperatur | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **15°C** (59°F) | **20°C** (68°F) | **25°C** (77°F) | **30°C** (86°F) | **35°C** (95°F) | **40°C** (104°F) | **45°C** (113°F) | **50°C** (122°F) |
| | 1,17 | 1,00 | 0,83 | 0,67 | 0,50 | 0,33 | 0,17 | 0,00 |

### Cooling air temperature factor $f_L$

Takes into account the possibility of heat dissipation at various cooling air temperatures.

| $f_L$ | Air temperature at fan inlet | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **15°C** (59°F) | **20°C** (68°F) | **25°C** (77°F) | **30°C** (86°F) | **35°C** (95°F) | **40°C** (104°F) | **45°C** (113°F) | **50°C** (122°F) |
| | 1,08 | 1,00 | 0,93 | 0,86 | 0,79 | 0,72 | 0,65 | 0,57 |







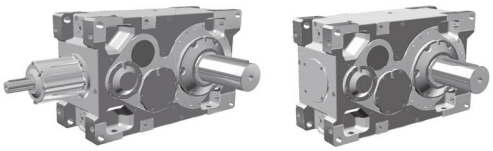
## Service Factors $f_B$ by applications

The operating factor provides the minimum recommended service factor for various applications and takes into account the usual conditions for the particular application listed. If the operating service factor is known for the application, this should be used. If no values are available for the application, refer to the tables below or consult with NORD DRIVESYSTEMS to determine a suitable service factor.

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Application** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **HOISTS** | | | |
| Drehwerke | 1,00 | 1,40 | 1,80 |
| FEM 1001 | 1,00 | 1,10 | 1,40 |
| Travelling drives | 1,60 | 1,80 | 2,00 |
| Luffing gear | 1,00 | 1,20 | 1,60 |
| **PUMPS** | | | |
| Centrifugal pumps | 1,15 | 1,35 | 1,45 |
| Piston pumps (1 cylinder) | 1,35 | 1,50 | 1,80 |
| Piston pumps (multiple cylinders) | 1,20 | 1,40 | 1,50 |
| Screw pumps | 1,25 | 1,25 | 1,50 |
| Rotary pumps (gear pumps, vane pumps, rotary piston pumps) | 1,25 | 1,25 | 1,25 |
| **CABLE RAILWAYS** | | | |
| Materials cableways | 1,40 | 1,40 | 1,50 |
| Pendulum cableways | 1,60 | 1,60 | 1,80 |
| Ski tows | 1,30 | 1,30 | 1,40 |
| Circulating cableways | 1,40 | 1,40 | 1,60 |
| **AGITATORS AND MIXERS** | | | |
| Agitators for liquids | 1,00 | 1,25 | 1,50 |
| Agitators for liquids (with suspended solids) | 1,25 | 1,25 | 1,50 |
| Agitators for liquids (variable density) | 1,20 | 1,50 | 1,65 |
| Agitators for solid media (uneven material) | 1,40 | 1,60 | 1,70 |
| Agitators for solid media (even material) | 1,35 | 1,35 | 1,40 |
| Concrete mixer | 1,50 | 1,50 | 1,75 |
| Kneading / Conche | 1,50 | 1,50 | 1,75 |
| Compounder | 1,80 | 1,80 | 1,80 |
| Aerators | 2,00 | 2,00 | 2,00 |

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Application** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **CONVEYOR PLANT** | | | |
| Bucket elevator (e.g. grain, uniform material) | 1,40 | 1,40 | 1,50 |
| Bucket elevators (e.g. minerals, uneven material) | 1,75 | 1,75 | 2,00 |
| Winches | 1,40 | 1,60 | 1,60 |
| Screw feeder | 1,15 | 1,25 | 1,50 |
| Belt conveyors ≤ 100 kW | 1,15 | 1,25 | 1,40 |
| Belt conveyors > 100 kW | 1,15 | 1,30 | 1,50 |
| Goods lifts * | 1,20 | 1,20 | 1,50 |
| Passenger lifts * | 1,50 | 1,50 | 1,80 |
| Plate or chain conveyor | 1,75 | 1,75 | 2,00 |
| Swinging or vibrating conveyors | 1,75 | 1,75 | 2,00 |
| Escalators | 1,25 | 1,25 | 1,55 |
| **VENTILATORS** | | | |
| Fan (axial and radial) | 1,50 | 1,50 | 1,50 |
| Cooling Tower Fan | 2,00 | 2,00 | 2,00 |
| **COMPRESSORS** | | | |
| Piston compressors | 1,80 | 1,80 | 1,90 |
| Centrifugal compressors | 1,40 | 1,40 | 1,50 |
| Screw compressors | 1,50 | 1,50 | 1,75 |
| **SCREENS** | | | |
| Rotary screens | 1,25 | 1,25 | 1,50 |
| Vibrating screens (shaker) | 1,55 | 1,75 | 2,00 |
| Screens (generally) | 1,25 | 1,25 | 1,50 |
| **BAGGER** | | | |
| Tilting drives | 1,30 | 1,30 | 1,50 |
| Crawler vehicles | 1,20 | 1,60 | 1,80 |
| Bucket wheel drives | 2,20 | 2,20 | 2,20 |
| Cutting heads | 2,20 | 2,20 | 2,20 |

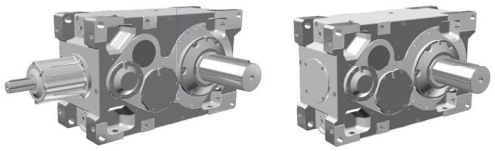
*** Select according to the maximum torque**





| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Application** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **MILLS AND DRUMS** | | | |
| Cooling and drying drums | 1,50 | 1,50 | 1,60 |
| Tube mills | 2,00 | 2,00 | 2,00 |
| Ball mills | 2,00 | 2,00 | 2,00 |
| Hammer mills | 1,75 | 1,75 | 2,00 |
| Crushers / Shredders | 1,55 | 1,75 | 2,00 |
| Mills | 1,75 | 1,75 | 1,75 |
| Chopper | 1,55 | 1,75 | 2,00 |
| **EXTRUDER** | | | |
| Extruder - plastic | 1,40 | 1,40 | 1,60 |
| Extruder - rubber | 1,50 | 1,50 | 1,80 |
| **CALENDER** | | | |
| Calender - paper | 1,80 | 1,80 | 2,00 |
| Calender - rubber | 1,65 | 1,65 | 1,65 |

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Application** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **ROLLERS** | | | |
| Rollers (paper-, plastic and rubber processing) | 1,80 | 1,80 | 2,00 |
| Sheet metal / slab rolling reversing | 2,50 | 2,50 | 2,50 |
| Rollers (Wire, Thin Sheet, Plate) | 1,80 | 1,80 | 1,80 |
| Cutters | 1,55 | 1,75 | 2,00 |
| Metal sheet coilers | 1,60 | 1,60 | 1,75 |
| Straigteners | 2,50 | 2,70 | 3,00 |
| General steel processing | 2,00 | 2,00 | 2,00 |
| **OTHERS** | | | |
| Peelers | 2,00 | 2,00 | 2,00 |
| General | 2,00 | 2,00 | 2,00 |
| Presses (Pulp- and paper processing) | 1,75 | 1,75 | 1,75 |
| Frequency Inverters / generators | 1,80 | 1,80 | 2,00 |





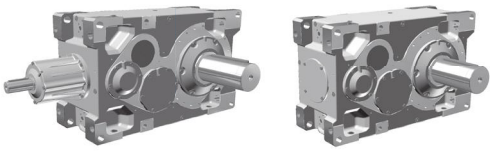


## Service Factors $f_B$ by industry

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Industry** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **STEEL / METAL PROCESSING** | | | |
| Sheet metal / slab rolling reversing | 2,50 | 2,50 | 2,50 |
| Rollers (Wire, Thin Sheet, Plate) | 1,80 | 1,80 | 1,80 |
| Cutters | 1,55 | 1,75 | 2,00 |
| Metal sheet coilers | 1,60 | 1,60 | 1,75 |
| Straigteners | 2,50 | 2,70 | 3,00 |
| General steel processing | 2,00 | 2,00 | 2,00 |
| **MINING / QUARRYING** | | | |
| **MINERALS / CEMENT** | | | |
| Crushers / Shredders | 1,55 | 1,75 | 2,00 |
| Vibrating screens (shaker) | 1,55 | 1,75 | 2,00 |
| Screens (generally) | 1,25 | 1,25 | 1,50 |
| Bucket wheel drives | 2,20 | 2,20 | 2,20 |
| Cutting heads | 2,20 | 2,20 | 2,20 |
| Hammer mills | 1,75 | 1,75 | 2,00 |
| Slewing gear | 1,00 | 1,40 | 1,80 |
| Concrete mixer | 1,50 | 1,50 | 1,75 |
| Cooling and drying drums | 1,50 | 1,50 | 1,60 |
| Tube mills | 2,00 | 2,00 | 2,00 |
| Ball mills | 2,00 | 2,00 | 2,00 |
| Rotary screens | 1,25 | 1,25 | 1,50 |
| Crawler vehicles | 1,20 | 1,60 | 1,80 |
| Belt conveyors ≤ 100 kW | 1,15 | 1,25 | 1,40 |
| Belt conveyors > 100 kW | 1,15 | 1,30 | 1,50 |
| Winches | 1,40 | 1,60 | 1,60 |
| Swinging or vibrating conveyors | 1,75 | 1,75 | 2,00 |
| Bucket elevators (e.g. minerals, uneven material) | 1,75 | 1,75 | 2,00 |
| Screw feeder | 1,15 | 1,25 | 1,50 |
| Agitators for solid media (uneven material) | 1,40 | 1,60 | 1,70 |
| Agitators for solid media (even material) | 1,35 | 1,35 | 1,40 |
| **CHEMICAL / RUBBER** | | | |
| **PLASTIC** | | | |
| Extruder - plastic | 1,40 | 1,40 | 1,60 |
| Extruder - rubber | 1,50 | 1,50 | 1,80 |
| Compounder | 1,80 | 1,80 | 1,80 |
| Calender - rubber | 1,65 | 1,65 | 1,65 |
| Fan (axial and radial) | 1,50 | 1,50 | 1,50 |
| Mills | 1,75 | 1,75 | 1,75 |
| Rollers (paper-, plastic and rubber processing) | 1,80 | 1,80 | 2,00 |
| Agitators for solid media (uneven material) | 1,40 | 1,60 | 1,70 |
| Agitators for solid media (even material) | 1,35 | 1,35 | 1,40 |

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Industry** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **AGRIC / TIMBER / FISHIN** | | | |
| Plate or chain conveyor | 1,75 | 1,75 | 2,00 |
| General | 2,00 | 2,00 | 2,00 |
| **BEVERAGE / FOOD / DAIRY** | | | |
| Peelers | 2,00 | 2,00 | 2,00 |
| Mills | 1,75 | 1,75 | 1,75 |
| Kneading / Conche | 1,50 | 1,50 | 1,75 |
| Bucket elevator (e.g. grain, uniform material) | 1,40 | 1,40 | 1,50 |
| General | 2,00 | 2,00 | 2,00 |
| **PULP / PAPER / SLURRY** | | | |
| Calender - paper | 1,80 | 1,80 | 2,00 |
| Cooling and drying drums | 1,50 | 1,50 | 1,60 |
| Rollers (paper-, plastic and rubber processing) | 1,80 | 1,80 | 2,00 |
| Presses (Pulp- and paper processing) | 1,75 | 1,75 | 1,75 |
| General | 2,00 | 2,00 | 2,00 |
| **WOOD PROCESSING** | | | |
| Plate or chain conveyor | 1,75 | 1,75 | 2,00 |
| General | 2,00 | 2,00 | 2,00 |
| **COM. WASHERS / DRYERS** | | | |
| Cooling and drying drums | 1,50 | 1,50 | 1,60 |
| General | 2,00 | 2,00 | 2,00 |
| **HOISTS** | | | |
| Slewing gear | 1,00 | 1,40 | 1,80 |
| FEM 1001 | 1,00 | 1,10 | 1,40 |
| Tilting drives | 1,30 | 1,30 | 1,50 |
| Luffing gear | 1,00 | 1,20 | 1,60 |
| Travelling drives | 1,60 | 1,80 | 2,00 |
| **ENTERTAIN / THEATRE** | | | |
| Goods lifts * | 1,20 | 1,20 | 1,50 |
| Passenger lifts * | 1,50 | 1,50 | 1,80 |
| Escalators | 1,25 | 1,25 | 1,55 |

*** Select according to the maximum torque**

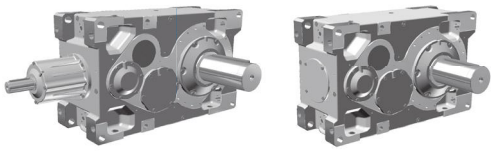


# Service Factors



| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Industry** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **WATER / WASTE WATER** | | | |
| Screw pumps | 1,25 | 1,25 | 1,50 |
| Agitators for liquids | 1,00 | 1,25 | 1,50 |
| Agitators for liquids (with suspended solids) | 1,25 | 1,25 | 1,50 |
| Agitators for liquids (variable density) | 1,20 | 1,50 | 1,65 |
| Aerators | 2,00 | 2,00 | 2,00 |
| Centrifugal pumps | 1,15 | 1,35 | 1,45 |
| Rotary pumps (gear pumps, vane pumps, rotary piston pumps) | 1,25 | 1,25 | 1,25 |
| Piston pumps (1 cylinder) | 1,35 | 1,50 | 1,80 |
| Piston pumps (multiple cylinders) | 1,20 | 1,40 | 1,50 |
| **POWER TRANSMISSION** | | | |
| Cooling Tower Fan | 2,00 | 2,00 | 2,00 |
| Frequency Inverters / generators | 1,80 | 1,80 | 2,00 |

| Service Factors - $f_B$ | | | |
|---|---|---|---|
| **Industry** | **Load Duration** | | |
| | up to 5 hrs per day | 5 - 10 hrs per day | over 10 hrs per day |
| **RECREATION/ SPORTS** | | | |
| Materials cableways | 1,40 | 1,40 | 1,50 |
| Pendulum cableways | 1,60 | 1,60 | 1,80 |
| Ski tows | 1,30 | 1,30 | 1,40 |
| Circulating cableways | 1,40 | 1,40 | 1,60 |
| **ENERGY / SOLAR / BIOGAS** | | | |
| Piston compressors | 1,80 | 1,80 | 1,90 |
| Centrifugal compressors | 1,40 | 1,40 | 1,50 |
| Screw compressors | 1,50 | 1,50 | 1,75 |
| **RECYCLING** | | | |
| Crushers / Shredders | 1,55 | 1,75 | 2,00 |
| Mills | 1,75 | 1,75 | 1,75 |
| Chopper | 1,55 | 1,75 | 2,00 |





## Nomenclature

| Parallel gear units | | Helical-bevel Gear Unit | | Output Torque |
|---|---|---|---|---|
| 2-stufig | 3-stufig | 3-stufig | 4-stufig | $M_{2max}$ [kNm] |
| SK 5207 | SK 5307 | SK 5407 | SK 5507 | 15 |
| SK 6207 | SK 6307 | SK 6407 | SK 6507 | 20 |
| SK 7207 | SK 7307 | SK 7407 | SK 7507 | 25 |
| SK 8207 | SK 8307 | SK 8407 | SK 8507 | 30 |
| SK 9207 | SK 9307 | SK 9407 | SK 9507 | 40 |
| SK 10207 | SK 10307 | SK 10407 | SK 10507 | 50 |
| SK 11207 | SK 11307 | SK 11407 | SK 11507 | 75 |
| SK 12207 | SK 12307 | SK 12407 | SK 12507 | 110 |
| SK 13207 | SK 13307 | SK 13407 | SK 13507 | 150 |
| SK 14207 | SK 14307 | SK 14407 | SK 14507 | 190 |
| SK 15207 | SK 15307 | SK 15407 | SK 15507 | 250 |

## Combinations with parallel and bevel gear units

| Parallel gear units | | Bevel gear units | | Output Torque |
|---|---|---|---|---|
| Nominal Ratio $i_N$ | 5-stage | Nominal Ratio $i_N$ | 6-stage | $M_{2max}$ [kNm] |
| 355 - 1600 | SK 5307 / 3282 | 450 - 1600 | SK 5307 / 9032.1 | 15 |
| 400 - 1600 | SK 6307 / 3282 | 500 - 1600 | SK 6307 / 9032.1 | 20 |
| 355 - 1600 | SK 7307 / 4282 | 450 - 1600 | SK 7307 / 9032.1 | 25 |
| 400 - 1600 | SK 8307 / 4282 | 500 - 1600 | SK 8307 / 9032.1 | 30 |
| 400 - 1600 | SK 9307 / 5282 | 450 - 1600 | SK 9307 / 9042.1 | 40 |
| 450 - 1600 | SK 10307 / 5282 | 500 - 1600 | SK 10307 / 9042.1 | 50 |
| 180 - 1600 | SK 11307 / 6282 | 200 - 1600 | SK 11307 / 9052.1 | 75 |
| 125 - 160 | SK 11307 / 7282 | 200 - 1600 | | |
| 180 - 1600 | SK 12307 / 7282 | 200 - 1600 | SK 12307 / 9072.1 | 110 |
| 125 - 160 | SK 12307 / 8282 | 200 - 1600 | | |
| 200 - 1600 | SK 13307 / 7282 | 315 - 1600 | SK 13307 / 9072.1 | 150 |
| 125 - 180 | SK 13307 / 9282 | 180 - 280 | SK 13307 / 9082.1 | |
| 160 - 1600 | SK 14307 / 9282 | 450 - 1600 | SK 14307 / 9082.1 | 190 |
| 250 - 1600 | SK 15307 / 8282 | 280 - 1600 | SK 15307 / 9082.1 | 250 |
| 180 - 200 | SK 15307 / 9282 | 180 - 250 | SK 15307 / 9086.1 | |
| 125 - 160 | SK 15307 / 10282.1 | 180 - 250 | SK 15307 / 9086.1 | |

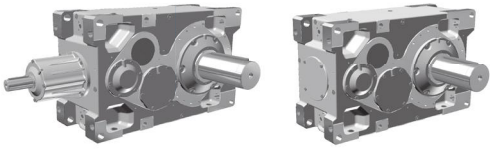
## Ordering Example

**SK 11 2 07 AS H IEC CC 200L/4 BRE**

- **Brake Designation**
- **Motor Designation** (IEC or NEMA)
- **Additional Options** (CC, FAN...)
- **Motor mountings** (IEC, NEMA, MST, MSF...)
- **Additional Options** (G, D, H, B...)
- **Shaft & Mounting Options** (A, AF, AS, V, L...)
- **Type designations**
- **Amount of Stages** (2, 3, 4) → 2: 2-Stage Helical gear unit; 3: 3-Stage Helical gear unit; 4: 3-Stage Helical-bevel gear unit; 5: 4-Stage Helical-bevel gear unit
- **Gearbox Size** (5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15)

### Example Explanation

Case Size 11 Gearbox with a 2-Stage Helical gear unit, Hollow Shaft with Shrink disc and Cover, an IEC gearbox type with a Cooling Coil and a 200L/4 Motor that is provided with a brake.





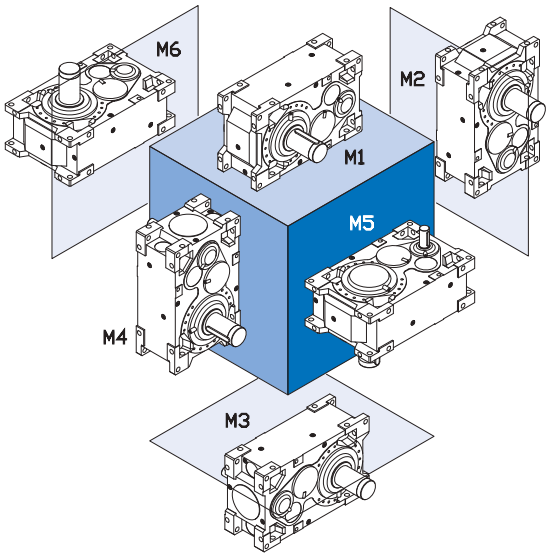


## Mounting Position System

For gear units and gear motors, NORD DRIVESYSTEMS specifies between six installation positions from M1 to M6 as shown in the following diagrams. The M1 and M3 mounting surfaces vary between the 2 and 3 stage parallel products.

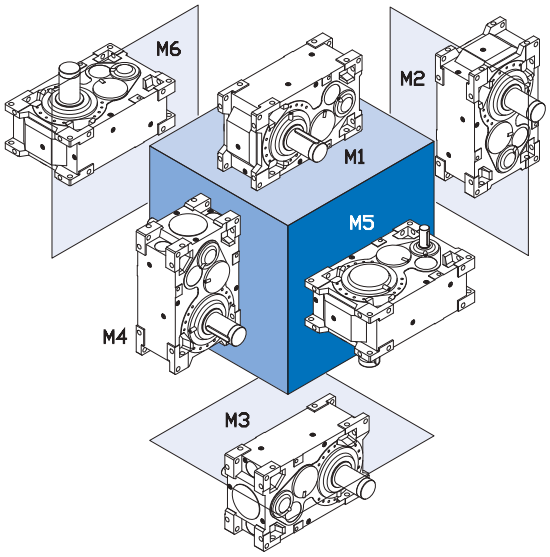
### MAXXDRIVE™ 2-Stage Parallel Gear Unit

**M1** **2-Stage unit standard Installation**
**M2** Output shaft located on upper end of gearbox
**M3** 3-Stage unit standard installation
**M4** Output shaft located on lower end of gearbox
**M5** Output shaft facing downwards
**M6** Output shaft facing upwards




### MAXXDRIVE™ 3-Stage Parallel Gear Unit

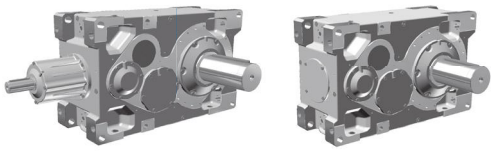
**M1** 2-Stage unit standard installation
**M2** Output shaft located on upper end of gearbox
**M3** **3-stage unit standard installation**
**M4** Output shaft located on lower end of gearbox
**M5** Output shaft facing downwards
**M6** Output shaft facing upwards




### Pivoted and Variable Mounting Positions

If you have any mounting requirements that vary from the standard positions, please consult NORD DRIVESYSTEMS.

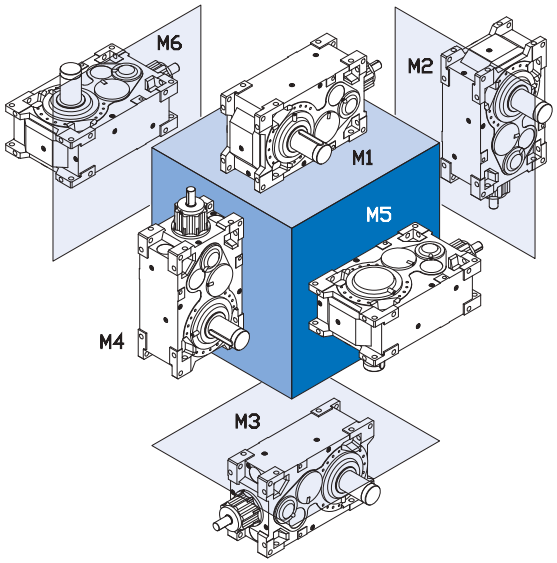
# Mounting Configuration



## Mounting Position System

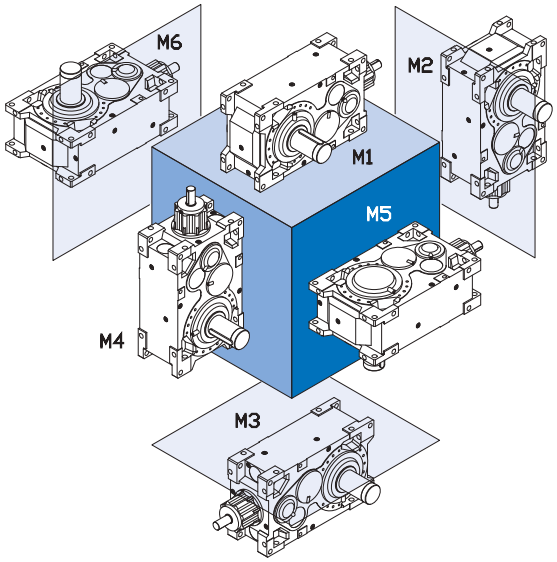
For gear units and gear motors, NORD DRIVESYSTEMS specifies between six installation positions from M1 to M6 as shown in the following diagrams. The M1 and M3 mounting surfaces vary between the 3 and 4 stage units within the right-angle products.

### MAXXDRIVE™ 3-Stage Bevel Gear Unit




**M1** **3-Stage unit standard Installation**
**M2** Output shaft located on upper end of gearbox
**M3** 4-Stage unit standard Installation
**M4** Output shaft located on lower end of gearbox
**M5** Output shaft facing downwards
**M6** Output shaft facing upwards

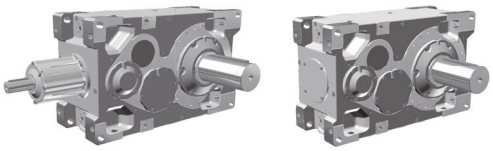
### MAXXDRIVE™ 4-Stage Bevel Gear Unit




**M1** 3-Stage unit standard Installation
**M2** Output shaft located on upper end of gearbox
**M3** **4-Stage unit standard installation**
**M4** Output shaft located on lower end of gearbox
**M5** Output shaft facing downwards
**M6** Output shaft facing upwards

### Pivoted and Variable Mounting Positions

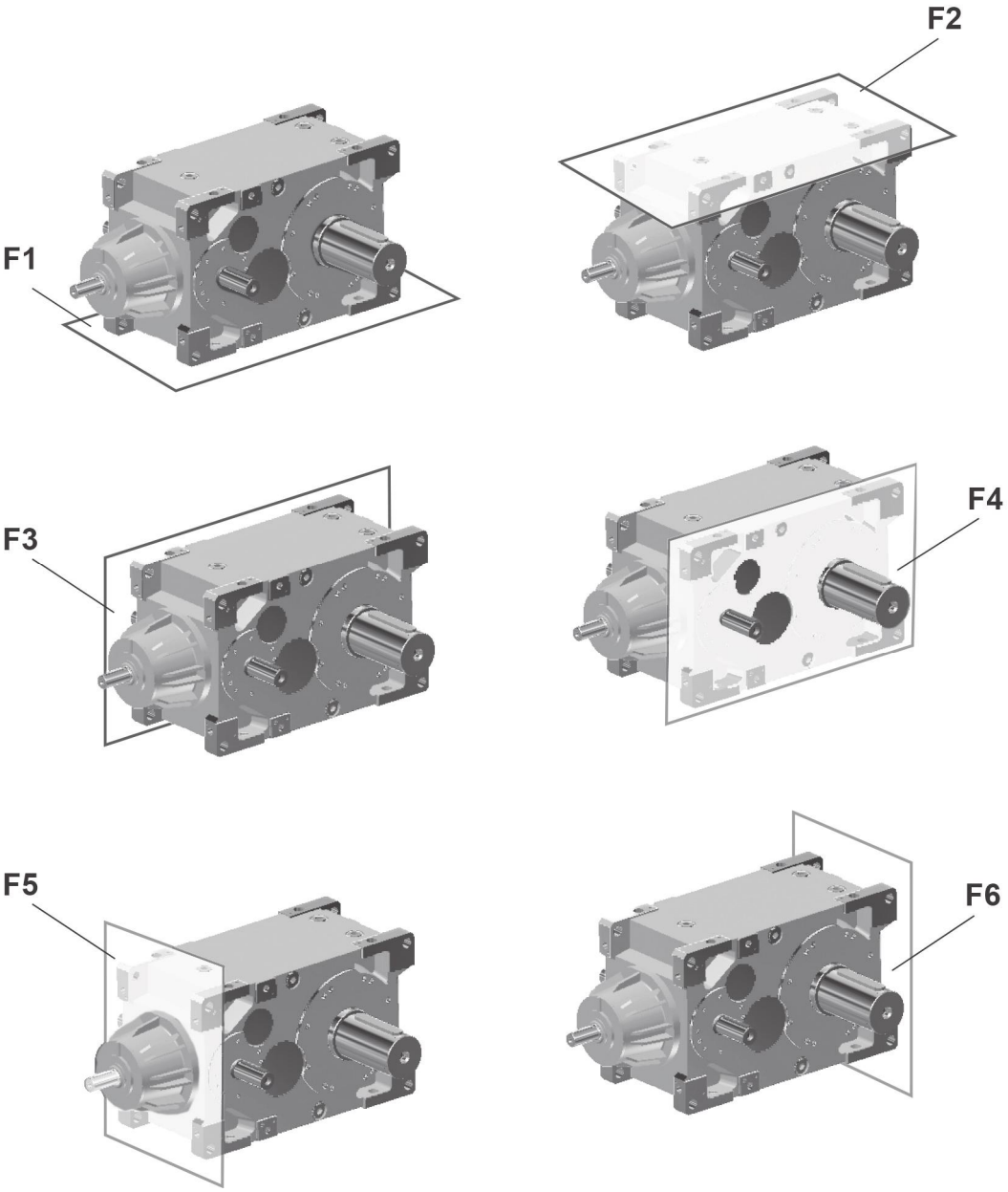
If you have any mounting requirements that vary from the standard positions, please consult NORD DRIVESYSTEMS.

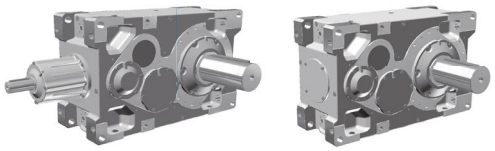


## Mounting Surfaces

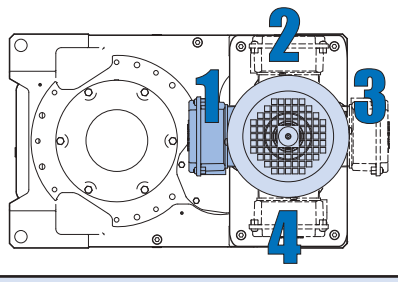
The mounting surface specifies the side on which the gear unit is fixed. Six mounting surfaces are available based on the diagrams below (F1 - F6).

In the following diagram, the mounting surfaces for mounting position M1 are indicated.

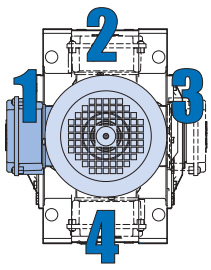




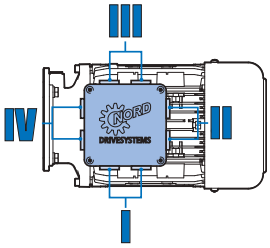





Parallel Gear Unit Terminal Box Positions *




Right-Angle Gear Unit Terminal Box Positions *

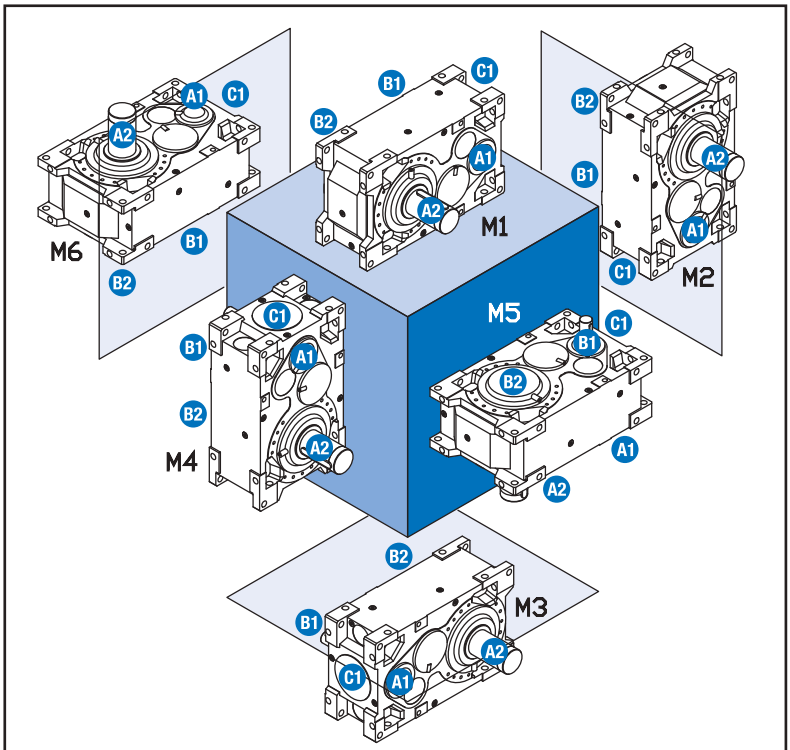



Cable Entry Positions *

* Example (only for installation M1)

## Mounting Configuration

NORD provides gearmotors, speed reducers and motors that can be configured very differently to suit customer needs. When ordering, it is beneficial that the drive be specified exactly the way you want it delivered.




Mounting Configuration M1 - M6
Shaft Configuration A1 - C1  Position of Attachments A1 - C1

## Shaft Configuration

The positions of the required shaft outlets are determined by viewing the gearbox from above in a default horizontal mounting position. M1 is the default (standard) for 2-stage parallel and 3-stage helical-bevel gear units. Mounting position M3 is the default (standard) for 3-stage gear parallel and 4-stage helical-bevel units.

## Position of Attachments

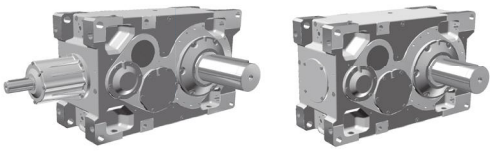
The positions of attached elements such as backstops, fans, flange-mounted pumps, drive flanges, agitator flanges etc. are determined according to the same principle as the shaft positions.

## Terminal box and cable entry

In M1 position, the terminal box is on the left hand side looking at the motor from the rear

If another arrangement is required, please express during ordering. Whenever ordering the cable entry in position IV please request information from NORD DRIVESYSTEMS.

In brake motors between frame size 63 to 132, the cable entry is only available in positions I and III.

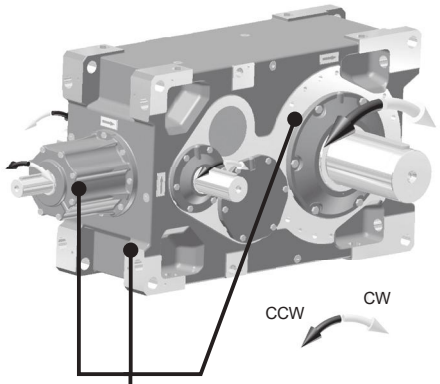


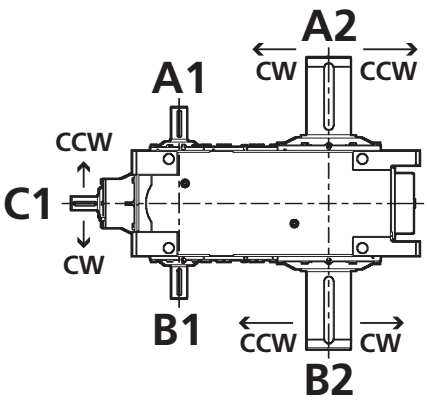




## Rotation Direction of Input/Output shafts

The direction of rotation for the gearbox shafts are dependant upon the installation position and the shaft configuration.

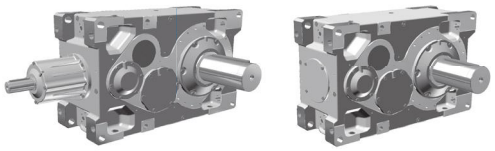



The labels that come standard on the units mark the direction of free rotation in the event that backstops are used.

| Installation position[1] M1 Direction of view[1] F2 | | Rotation Direction of Input | | | Rotation Direction of Output | |
|---|---|---|---|---|---|---|
| Shaft Positions[1] => | | C1 | A1 | B1 | A2 | B2 |
| SK ..207 | or | --- | CW | CCW | CW | CCW |
| | | --- | CCW | CW | CCW | CW |
| SK ..307 | or | --- | CW | CCW | CCW | CW |
| | | --- | CCW | CW | CW | CCW |
| SK ..407 (Standard) | or | CW | CW | CCW / R | CW | CCW |
| | | CCW | CCW | CW / R | CCW | CW |
| SK ..407 (Optional) | or | CW | CCW / R | CW | CCW | CW |
| | | CCW | CW / R | CCW | CW | CCW |
| SK ..507 (Standard) | or | CW | CCW / R | CW | CW | CCW |
| | | CCW | CW / R | CCW | CCW | CW |
| SK ..507 (Optional) | or | CW | CW | CCW / R | CCW | CW |
| | | CCW | CCW | CW / R | CW | CCW |

[1] Please see ⇨ 37 - 38

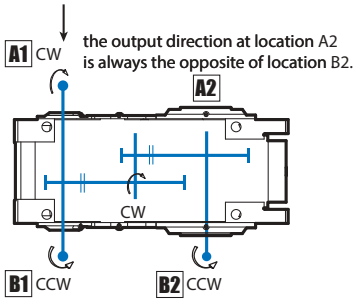




## Gear Stage Illustration for Right-Angle MAXXDRIVE™ units

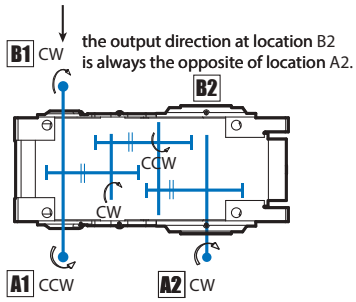
Below is the standard rotation direction of both the Parallel and Right-Angled units. By flipping the bevel gearset on our right-angle gear units, the rotation direction may be reversed.

Two-stage Parallel Gear Unit (5207-15207)



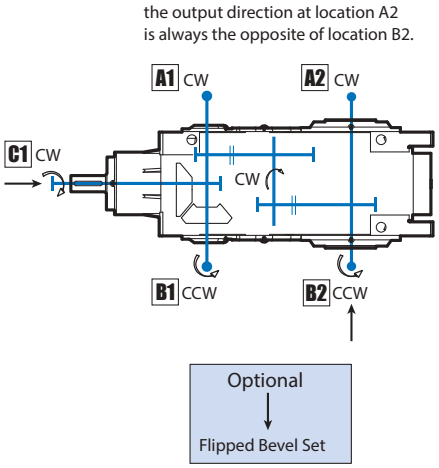

M1 - View from above

Three-stage Parallel Gear Unit (5307-15307)

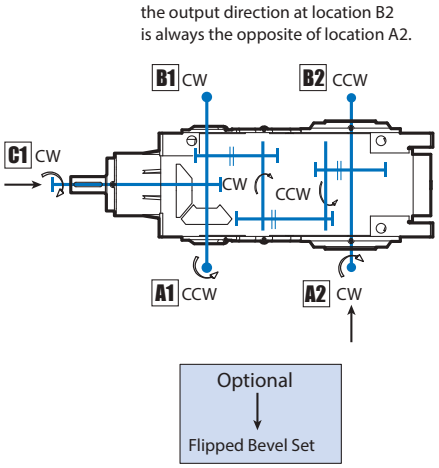



M3 - View from above

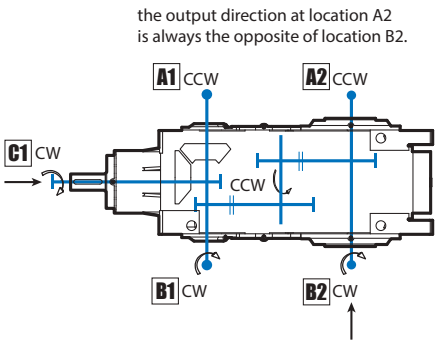
Three-stage Right-Angle Gear Unit (5407-15407)



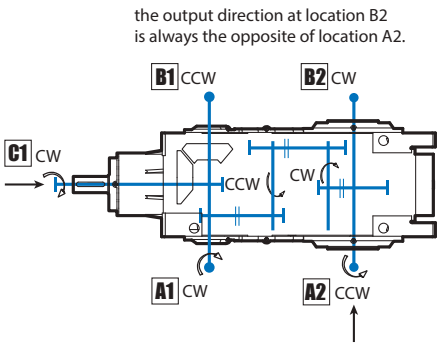

Four-stage Right-Angle Gear Unit (5507-15507)

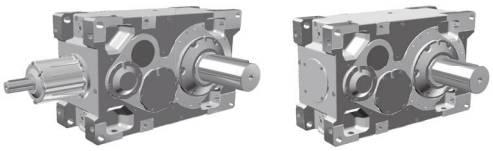



Three-stage Right-Angle Gear Unit (5407-15407)




Four-stage Right-Angle Gear Unit (5507-15507)





# Available Coupling and Sealing Types



## Couplings (input and output)

Upon request, NORD DRIVESYSTEMS can provide a variety of coupling types and styles. In addition to various flexible, fail-safe couplings (Jaw coupling / Bolt coupling) soft-start couplings (fluid couplings), and safety couplings can be supplied. As output couplings, short length elastic fail-safe bolt couplings can be supplied, as well as gear couplings which can also span greater distances. Please contact us if you have special requirements for input or output couplings.

- Common input couplings include: flexible, jaw-style, fluid couplings (to help control start-up), safety couplings or torque-overload couplings.
- Common output couplings include: elastic bolt couplings (for shorter span lengths), flange couplings or gear couplings (for larger span lengths).

## Sealing systems

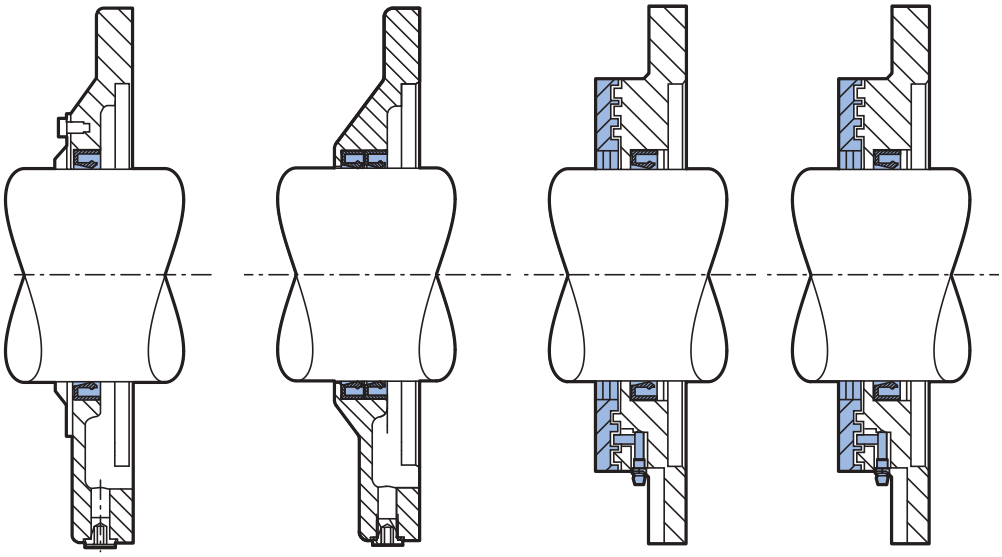
As standard, our gear units are equipped with an efficient sealing system that is suitable for many environments and their ambient conditions . Depending on the case size and gear unit type, the gearbox is supplied with one radial shaft seal (FKM) and gamma ring or a cartridge seal on the drive input shaft and two radial shaft seals on the output shaft. The seal material is NBR (Buma N), or FKM (Fluroelastomer) optionally. For operating oil temperatures (oil temperatures) above 85°C, FKM seals should be used. The optional shaft sealing rings can be supplied with or without a dust protection collar.

The choice of optimum sealing systems depends on the operating and ambient conditions, as well as the specified applications gear unit requirements. Please contact NORD DRIVESYSTEMS with any questions regarding your sealing system selections.

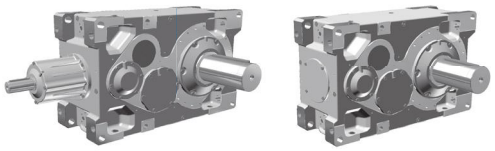
The following output seal designs are available:

- Two shaft sealing rings (standard)
- Taconite seals
- Gamma ring seals (without illustration)

Please contact us if sealing systems other than those listed here are required.



| Standard (Input) | Standard (Output) | Taconite F (Input) | Taconite F (Output) |
|---|---|---|---|
| (one sealing ring & a gamma ring seal) | (two shaft sealing rings) | (Grease-Lubricated labyrinth seal; can be re-lubricated) | (Grease-filled outer shaft sealing ring; can be re-lubricated) |





## Lubrication systems

NORD DRIVESYSTEMS delivers all Industrial Gear Units without oil to eliminate unneccessary shipping costs. NORD DRIVESYSTEMS recommends only high quality gear oils that provide excellent wear and load bearing protection, corrosion protection and aging resistance. The lubricant must also contain anti-wear and/or extreme pressure additives to provide adequate protection while operating in a mixed friction regime (or when partial to full boundary lubrication conditions exist).

As a minimum, the lubricating oil should also meet the following criteria:

- The gear oil must exhibit high film strength in order to handle high torque, shock loads, and start-up conditions.
- The gear oil should have the ability to operate at moderate sump temperatures without losing viscosity or thickness. Sump temperatures should be allowed to approach 80°C-85°C (176°F-185°F) for mineral oil or 105°C (221°F) for synthetic oil
- The gear oil should have a minimum viscosity index of 95 or higher.
- FZG scuffing load test result > Stage 12 (per DIN 51354-2).
- FAG-FE-8 roller bearing test should result in roller element wear < 30 mg and cage wear less than 100 mg (per DIN51819-3).
- Compatibility with standard elastomeric sealing materials must also be assured.

## Lubrication Types

The lubricant is an element of design and often an optimal lubricant viscosity or type is recommended by NORD on the basis of the operating and ambient conditions and the type or gear unit being specified.

While the MAXXDRIVE™ gear units are designed to be able to operate with high performance mineral oil, NORD strongly recommends the use of synthetic oil.

Only CLP (DIN 51517- 3) quality oils are approved for the MAXXDRIVE™ gear units. A list of possible oils meeting the general CLP requirements (found on page ⇨🕮 48), are categorized in the following table.

| | |
|---|---|
| **CLP** | High-performance mineral oil (an EP additive is recommended by NORD). |
| **CLP HC** | Synthetic polyalphaolefin oil |
| **CLP PG** | Synthetic polyglycol oil |
| **CLP HC H1 or CLP PG H1** | Food-grade oil ( must qualify as an NSF-H1 oil per FDA 212 CFR 178.3570). |
| **E** | Bio-degradable oil |

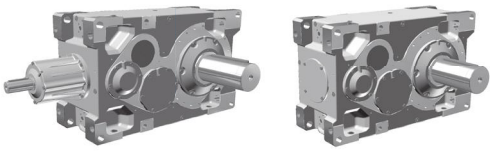
| ⚠ ***IMPORTANT NOTE*** ⚠ |
|---|
| NORD will determine the type and viscosity of the lubricant for each specific order. This will be entered in the order confirmation and on the reducer nameplate. |

## Lubrication Methods

MAXXDRIVE™ gear units that are mounted in a horizontal position are intended to be oil splash lubricated. Those units mounted in a vertical or standing position may utilize bath (immersion) lubrication. In many instances forced lubrication or pressure lubrication offers advantages as well.

### 1. Splash Lubrication

The gearbox oil is kept at a relatively low level. The gearing and bearing components that do not dip into the oil are lubricated by splashing oil. This is the usual form of lubrication for horizontal installation positions (M1/M3). In slow speed operation, oil splash may not deliver lubricant to all critical areas. In high speed operation, oil splash may contribute to excessive churning losses and undesirable reducer heating.





### 2. Bath (Immersion) Lubrication

The gear unit is full or nearly full with oil with all gear and bearing surfaces completely or partially immersed in an oil bath. Bath lubrication is one way of assuring proper lubrication to gear units mounted in standing (M2 or M4) or vertical (M5 or M6) positions. Bath lubrication may sometimes lead to higher oil churning losses, higher operating temperatures, and reduced efficiency. These instances may also dictate the need for larger gear cases or additional cooling options and accessories. Pressure (forced) lubrication may eliminate the need for more costly accessories or options while also reducing operating temperatures and extending lubrication life.

### 3. Pressure (Forced) Lubrication [LC, LCX]

With pressure or forced lubrication, a pump (shaft driven or motorized) is provided, which allows a relatively low oil level to be maintained. The pump and oil distribution lines deliver the oil to all critical gear and bearing areas. Oil levels may be lowered, even compared to standard splash oil levels. This type of lubrication is advisable for the following operating conditions:

- When splash or bath lubrication is not possible or not thermally advantageous.
- When high input speeds are present and the speed limit for other lubrication methods are being exceeded (based on size, ratio and mounting).
- If a drywell is required with a vertical output shaft.

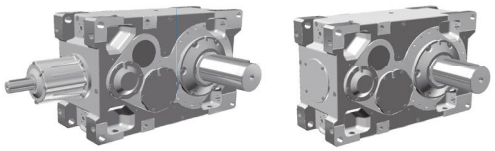
| ⚠ **IMPORTANT NOTE** ⚠ |
|---|
| Consult NORD when considering either bath lubrication or pressure lubrication so that appropriate options and accessories can be recommended. |

## Typical Lubrication Recommendations

The MAXXDRIVE™ gear units are designed to be able to operate with high performance mineral oil containing an extreme pressure (EP) additive. A viscosity grade ISO VG220 EP (AGMA 5 EP) mineral oil is typical for ambient temperature conditions between 0°C-40°C (32°F-104°F).

While the MAXXDRIVE™ gear units are designed to be able to operate with high performance mineral oil, NORD strongly recommends the use of synthetic oil. Compared to mineral oil, synthetic oil offers the following advantages that provided added wear protection and extend reducer component life:

- Higher film strength, lower traction coefficient and improved lubricity.
- Reduced internal friction (reduced by as much as ½ compared to mineral oil) resulting in lower operating temperatures and improved gear efficiency.
- Superior wear and thermo-oxidative resistance, provides enhanced system cleanliness and enables longer service intervals.
- Higher viscosity index offering improved low temperature and high temperature stability.





## Oil Filling Guidelines

Prior to start-up the proper oil fill level must be established. Unless requested, NORD DRIVESYSTEMS furnishes all Industrial Gear Units without oil in order to eliminate additional shipping costs.

**⚠ IMPORTANT NOTE ⚠**

- All Industrial Gear Units gear units are shipped dry. The tables starting on page ⇨🕮 50 provide a guideline for the lubrication amount based upon the installation position.
- The actual oil volume will vary depending upon the gear unit type and configuration, mounting position and ratio.
- When filling the reducer, always check the oil-fill level using the reducer's oil level plug. Oil plug locations for common mounting configurations are shown on page ⇨🕮 49.
- In some instances NORD DRIVESYSTEMS may supply a pre-stage gear unit or an auxiliary (inching) drive and these units are typically filled with the proper type and amount of oil (see separate user manual documentation).

## Lubrication Replacement

If the gear unit is filled with mineral oil, the lubricant should be replaced at least after every 10,000 operating hours or after every two years, whichever comes first.

If the gear unit is filled with synthetic oil, the lubricant should be replaced at least after every 20,000 operating hours or after every 3 years, whichever comes first.

Often gear reducers are exposed to extreme operating conditions or hostile environments such as: high humidity or wet conditions, high ambient temperatures or high operating temperatures, or dirty and dusty operating areas. Especially in these situations, it is important to change the reducer lubricant more often that what is suggested as a typical guideline.

Please refer for details to the Operating and Assembly Instructions B1050 resp. B2050

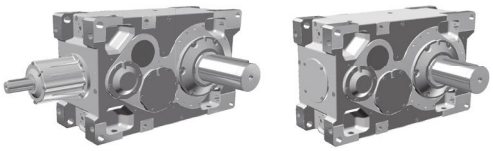
**⚠ WARNING ⚠**

- Do not mix different oils with different additive packages or different base oil formulation types. Polyglycol (PG) oils are not miscible with other oil types and should never be mixed with mineral oil, or Polyalphaolefin (PAO) oil.
- When making a lubrication change, check with the lubrication supplier to assure compatibility with the original oil used and to obtain recommended cleaning or flushing procedures.

## Importance of Routine Oil Analysis

Routine oil analysis, sound lubrication practices, and good tracking of oil performance trends will help establish proper lubrication maintenance and changeout intervals. To maximize equipment reliability NORD Gear recommends a condition-based lubrication maintenance program be applied to the MAXXDRIVE™ gear units. NORD DRIVESYSTEMS suggests replacing the gear oil if oil analysis indicates any of the following:

- Viscosity has changed by approximately 10% or more.
- Debris particles (silicon, dust, dirt or sand) exceed 25 ppm.
- Iron content exceeds 100 ppm.
- Water content is greater than 0.05% (500 ppm).
- The total acid number (TAN) tests indicate a significant level of oxidative break-down of the oil, and a critical reduction in performance; If the TAN number measured changes by more than 40% over the oil, then an oil change would be recommended.





## Selection of lubricants

The following pages show the lubricants which have been approved by NORD DRIVESYSTEMS for use in MAXXDRIVE gear units.

A suitable viscosity class and lubricant type has been selected by NORD DRIVESYSTEMS for each application. These specifications form a part of the order confirmation and may not be changed without written consent from NORD. However, users may freely select the brand of lubricant from these lists.

The following tables state the minimum oil temperature which can be accepted for various lubrication systems and oil types in order to remain below 1.800 cSt on starting the gear unit as described above. If the temperatures are lower, the oil must be heated before starting.

### Minimum gear unit starting temperature

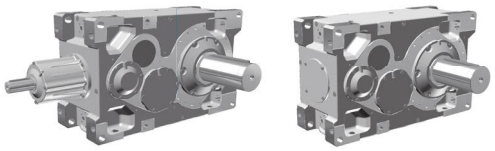
For ATEX applications, the temperature limits must be checked in each case. Please contact NORD DRIVESYSTEMS.

#### Mineral oil

| Type of lubrication | Viscosity class | | | |
|---|---|---|---|---|
| | ISO VG460 | ISO VG320 | ISO VG220 | ISO VG150 |
| Immersion lubrication / bath lubrication | -10 °C | -12 °C | -15 °C | -20 °C |
| Pressure lubrication with motor pump | on request | 15 °C | 10 °C | 5 °C |
| Pressure lubrication with shaft-end pump | on request | 5 °C | 0 °C | -5 °C |

#### Synthetic oil

| Type of lubrication | Viscosity class | | | |
|---|---|---|---|---|
| | ISO VG460 | ISO VG320 | ISO VG220 | ISO VG150 |
| Immersion lubrication / bath lubrication | -25 °C | -25 °C | -25 °C | -25 °C |
| Pressure lubrication with motor pump | on request | 5 °C | 0 °C | -5 °C |
| Pressure lubrication with shaft-end pump | on request | -5 °C | -10 °C | -15 °C |







## Available Lubricants

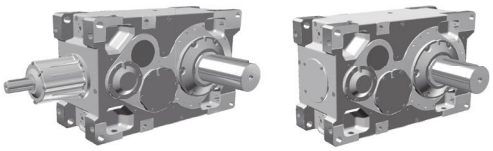
| Lubricant Type | Details on Type Plate | DIN / ISO Ambient Temp. | bp | Castrol | FUCHS | KLÜBER LUBRICATION | Mobil | Shell |
|---|---|---|---|---|---|---|---|---|
| **Mineral Oil** | CLP 220 | ISO VG 220<br>-10…40°C | Energol<br>GR-XP 220 | Alpha SP 220<br>Alpha MAX 220<br>Optigear BM 220<br>Tribol 1100 / 220 | Renolin CLP 220<br>Renolin CLP 220 Plus<br>Gearmaster CLP 220 | Klüberoil<br>GEM 1 - 220 N | Mobilgear 600 XP 220<br>Mobilgear XMP 220 | Shell Omala F 220 |
| | CLP 320 | ISO VG 320<br>-10…40°C | Energol<br>GR-XP 320 | Alpha SP 320<br>Alpha MAX 320<br>Optigear BM 320<br>Tribol 1100 / 320 | Renolin CLP 320<br>Renolin CLP 320 Plus<br>Gearmaster CLP 320 | Klüberoil<br>GEM 1 - 320 N | Mobilgear 600 XP 320<br>Mobilgear XMP 320 | Shell Omala F 320 |
| | CLP 680 | ISO VG 680<br>0…40°C | Energol<br>GR-XP 680 | Alpha SP 680<br>Optigear BM 680<br>Tribol 1100 / 680 | Renolin CLP 680<br>Renolin CLP 680 Plus<br>Gearmaster CLP 680 | Klüberoil<br>GEM 1 - 680 N | Mobilgear 600 XP 680<br>Mobilgear XMP 680 | - |
| **Synthetic Oil (Polyglycol)** | CLP PG 220 | ISO VG 220<br>-25…40°C | Enersyn<br>SG-XP 220 | Tribol 1300 / 220 | Renolin PG 220<br>Gearmaster PGP 220 | Klübersynth<br>GH 6 - 220 | - | Shell Omala<br>S4 WE 220 |
| | CLP PG 320 | ISO VG 320<br>-25…40°C | Enersyn<br>SG-XP 320 | Tribol 1300 / 320 | Renolin PG 320<br>Gearmaster PGP 320 | Klübersynth<br>GH 6 - 320 | - | Shell Omala<br>S4 WE 320 |
| | CLP PG 680 | ISO VG 680<br>-20…40°C | Enersyn<br>SG-XP 680 | Tribol 1300 / 680 | Renolin PG 680<br>Gearmaster PGP 680 | Klübersynth<br>GH 6 - 680 | - | Shell Omala<br>S4 WE 680 |
| **Synthetic Oil (hydro-carbons)** | CLP HC 220 | ISO VG 220<br>-45…40°C | Enersyn<br>EP-XF 220 | Optigear Synth X 220<br>Tribol 1710 / 220 | Renolin Unisyn CLP 220<br>Gearmaster SYN 220 | Klübersynth<br>GEM 4 - 220N | Mobil SHC 630 | Shell Omala<br>S4 GX 220 |
| | CLP HC 320 | ISO VG 320<br>-25…40°C | Enersyn<br>EP-XF 320 | Optigear Synth X 320<br>Tribol 1710 / 320 | Renolin Unisyn CLP 320<br>Gearmaster SYN 320 | Klübersynth<br>GEM 4 - 320N | Mobil SHC 632 | Shell Omala<br>S4 GX 320 |
| | CLP HC 680 | ISO VG 680<br>-10…40°C | - | Optigear Synth X 680 | Renolin Unisyn CLP 680<br>Gearmaster SYN 680 | Klübersynth<br>GEM 4 - 680N | - | Shell Omala<br>S4 GX 680 |
| **Bio-degradable Oil** | CLP-E 220 | ISO VG 220<br>-5…40°C | - | Tribol BioTop<br>1418 / 220 | Plantogear 220 S<br>Gearmaster ECO 220 | Klübersynth<br>GEM 2 - 220 | - | Shell Naturelle<br>Gear Fluid EP 220 |
| | CLP-E 320 | ISO VG 320<br>-5…40°C | - | Tribol BioTop<br>1418 / 320 | Plantogear 320 S<br>Gearmaster ECO 320 | Klübersynth<br>GEM 2 - 320 | - | Shell Naturelle<br>Gear Fluid EP 320 |
| | CLP-E 680 | ISO VG 680<br>-5…40°C | - | - | Plantogear 680 S<br>Gearmaster ECO 680 | - | - | - |
| **Foodstuff Compatible Oil** | CLP PG H1 220 | ISO VG 220<br>-25…40°C | - | Optileb GT 220 | Cassida Fluid WG 220 | Klübersynth<br>UH1 6 - 220 | - | - |
| | CLP PG H1 320 | ISO VG 320<br>-20…40°C | - | Optileb GT 320 | Cassida Fluid WG 320 | Klübersynth<br>UH1 6 - 320 | - | - |
| | CLP PG H1 680 | ISO VG 680<br>-5…40°C | - | Optileb GT 680 | Cassida Fluid WG 680 | Klübersynth<br>UH1 6 - 680 | - | - |

This table shows comparable lubricants from various manufacturers. The manufacturer shown in this table may be changed within a particular viscosity or lubricant type. NORD must be contacted in case of change of viscosity or lubricant type or supplier, as otherwise no warranty for the functionality of our gearboxes may be accepted.

## Bearing lubricants

| Lubricant type | Ambient temperature | bp | Castrol | FUCHS | KLÜBER LUBRICATION | Mobil | Shell |
|---|---|---|---|---|---|---|---|
| **Mineral oil-based grease** | -30…60°C | Energrease<br>LS 2<br>Energrease<br>LS-EP 2 | Longtime<br>PD 2 | RENOLIT<br>GP 2<br>RENOLIT<br>LZR 2 H | - | Mobilux<br>EP 2 | Gadus<br>S2 V100 2 |
| | -50…40°C | | Optitemp<br>LG 2 | RENOLIT<br>JP 1619 | - | - | - |
| **Synthetic greases** | -25…80°C | Energrease<br>SY 2202 | Tribol<br>4747 | RENOLIT<br>HLT 2<br>RENOLIT<br>LST 2 | PETAMO<br>GHY 133 N<br>Klüberplex<br>BEM 41-132 | Mobiltemp<br>SHC 32 | Cassida<br>EPS2 |
| **Rapidly biodegradable grease** | -25…40°C | Biogrease<br>EP 2 | - | PLANTOGEL<br>2 S | Klüberbio<br>M 72-82 | Mobil SHC Grease<br>102 EAL | Naturelle Grease EP2 |
| **Food-compatible grease** | -25…40°C | - | Obeen<br>UF 2 | RENOLIT<br>G 7 FG 1 | Klübersynth<br>UH1 14-151 | Mobilgrease<br>FM 222 | Cassida<br>RLS2 |

The manufacturer can be changed for a given grease type. NORD must be consulted if the type of grease or the range of ambient temperatures is changed. Otherwise no guarantee can be accepted for the function of the gear unit.

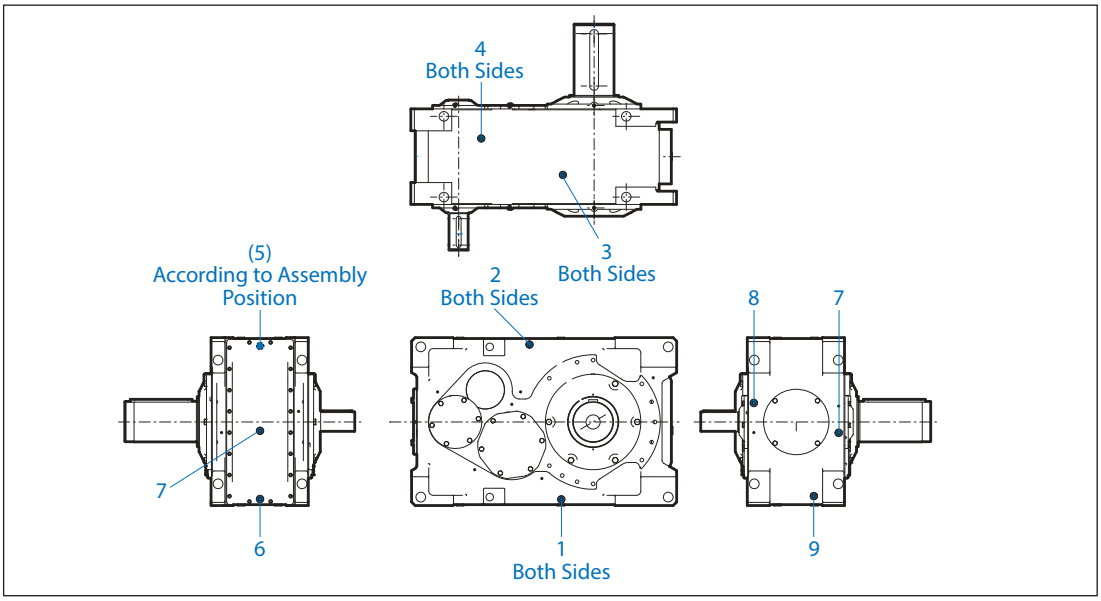


# Oil & Drain Plug Locations



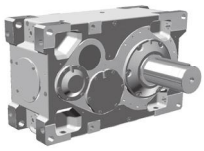
## Oil Fill, Drain and Vent Locations

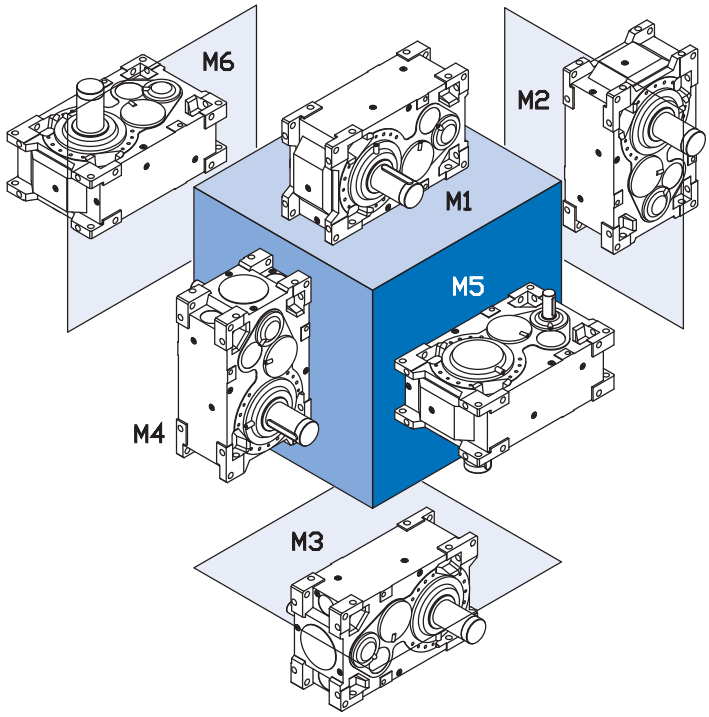
All MAXXDRIVE™ gear units are supplied with an oil level plug, an oil fill plug and a breather. All of the remaining holes are sealed. Alternative positions based on the locations of the remaining holes can be provided if requested.




**Remark**: The exact positions will be shown in the installation drawing.

# Parallel Industrial Gear Unit
# Mounting Positions & Oil Fill Quantities





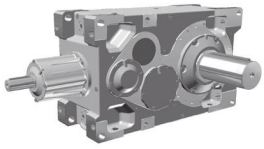

| Unit Type | M1 Liters | M2 Liters | M3 Liters | M4 Liters | M5 Liters | M6 Liters | max Liters |
|---|---|---|---|---|---|---|---|
| SK 5207 / 5307 | 23 | 33 | 26 | 41 | 37 | 37 | 44 |
| SK 6207 / 6307 | 28 | 37 | 32 | 49 | 42 | 42 | 53 |
| SK 7207 / 7307 | 42 | 52 | 39 | 58 | 92 | 92 | 92 |
| SK 8207 / 8307 | 41 | 55 | 48 | 75 | 99 | 99 | 99 |
| SK 9207 / 9307 | 65 | 88 | 73 | 99 | 144 | 144 | 144 |
| SK 10207 / 10307 | 74 | 112 | 90 | 122 | 173 | 173 | 173 |
| SK 11207 / 11307 | 97 | 130 | 102 | 140 | 185 | 185 | 185 |
| SK 12207 / 12307 | 117 | 185 | 149 | 203 | 260 | 260 | 260 |
| SK 13207 / 13307 | 161 | 265 | 201 | 290 | 348 | 348 | 348 |
| SK 14207 / 14307 | 226 | 374 | 291 | 424 | 516 | 516 | 516 |
| SK 15207 / 15307 | 240 | 415 | 314 | 450 | 535 | 535 | 535 |

| Unit Type | R (Backstop) Liters | VL5 (Extruder Bearing) Liters | WX (Auxillary Drive) Liters | OT (Oil Tank) Liters |
|---|---|---|---|---|
| SK 5207 / 5307 | +0,5 | + 6 | + 4 | + 7 |
| SK 6207 / 6307 | +0,5 | + 6 | + 4 | + 7 |
| SK 7207 / 7307 | +0,5 | +12 | + 4 | + 7 |
| SK 8207 / 8307 | +0,5 | +12 | + 4 | + 7 |
| SK 9207 / 9307 | +1 | +17 | + 4 | + 7 |
| SK 10207 / 10307 | +1 | +17 | + 4 | + 7 |
| SK 11207 / 11307 | +1 | +17 | + 8 | +15 |
| SK 12207 / 12307 | +1 | - | +10 | +15 |
| SK 13207 / 13307 | +2 | - | +10 | +15 |
| SK 14207 / 14307 | +2 | - | +21 | +30 |
| SK 15207 / 15307 | +3 | - | +21 | +30 |

| CS1/CS2 (External Cooling) Liters | |
|---|---|
| AA | + 2 |
| A | + 3 |
| B | + 3 |
| C | + 4 |
| D | + 6 |
| E | + 6 |
| F | + 8 |
| G | +10 |
| H | +12 |

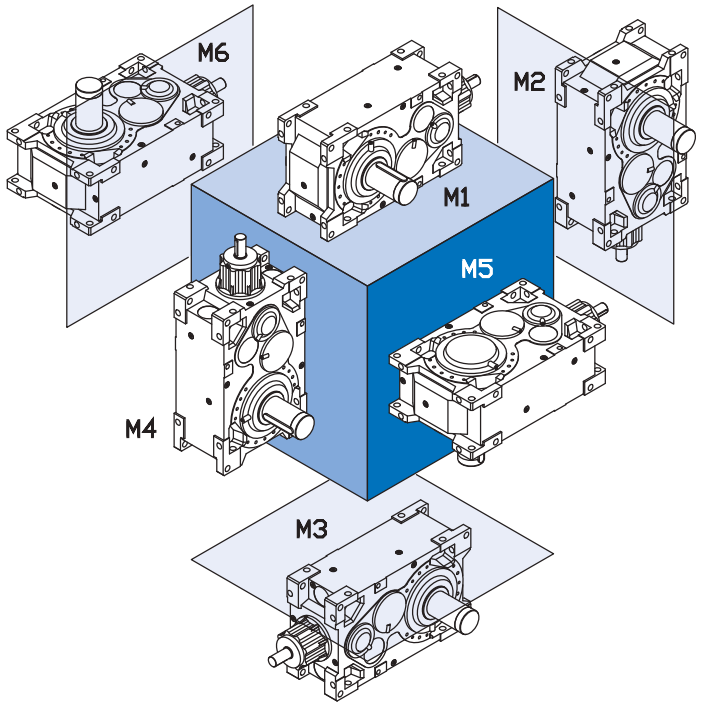
including tubing line
⇨🕮 84

**Note**: The stated quantities are guide values. In the order-related documentation are the exact values.



# Bevel Industrial Gear Unit
# Mounting Positions & Oil Fill Quantities






| Unit Type | M1 Liters | M2 [2] Liters | M3 Liters | M4 [1] Liters | M5 [2] Liters | M6 [2] Liters | max [3] Liters |
|---|---|---|---|---|---|---|---|
| SK 5407 / 5507 | 23 | 34 | 27 | 42 | 40 | 40 | 46 |
| SK 6407 / 6507 | 29 | 40 | 31 | 64 | 44 | 44 | 56 |
| SK 7407 / 7507 | 40 | 47 | 42 | 50 | 83 | 83 | 83 |
| SK 8407 / 8507 | 42 | 58 | 48 | 62 | 99 | 99 | 99 |
| SK 9407 / 9507 | 70 | 83 | 70 | 80 | 142 | 142 | 142 |
| SK 10407 / 10507 | 82 | 103 | 88 | 101 | 154 | 154 | 154 |
| SK 11407 / 11507 | 81 | 137 | 102 | 174 | 189 | 189 | 189 |
| SK 12407 / 12507 | 117 | 195 | 149 | 213 | 282 | 282 | 282 |
| SK 13407 / 13507 | 159 | 270 | 198 | 304 | 362 | 362 | 362 |
| SK 14407 / 14507 | 230 | 395 | 281 | 444 | 501 | 501 | 501 |
| SK 15407 / 15507 | 241 | 439 | 320 | 474 | 520 | 520 | 520 |

| Unit Type | R (Backstop) Liters | VL5 (Extruder Bearing) Liters | WX (Auxillary Drive) Liters | OT (Oil Tank) Liters |
|---|---|---|---|---|
| SK 5407 / 5507 | +0,5 | +6 | + 4 | + 7 |
| SK 6407 / 6507 | +0,5 | +6 | + 4 | + 7 |
| SK 7407 / 7507 | +0,5 | +12 | + 4 | + 7 |
| SK 8407 / 8507 | +0,5 | +12 | + 4 | + 7 |
| SK 9407 / 9507 | +1 | +17 | + 4 | + 7 |
| SK 10407 / 10507 | +1 | +17 | + 4 | + 7 |
| SK 11407 / 11507 | +1 | +17 | + 8 | +15 |
| SK 12407 / 12507 | +1 | - | +10 | +15 |
| SK 13407 / 13507 | +2 | - | +10 | +15 |
| SK 14407 / 14507 | +2 | - | +21 | +30 |
| SK 15407 / 15507 | +3 | - | +21 | +30 |

| CS1/CS2 (External Cooling) Liters | |
|---|---|
| AA | + 2 |
| A | + 3 |
| B | + 3 |
| C | + 4 |
| D | + 6 |
| E | + 6 |
| F | + 8 |
| G | +10 |
| H | +12 |

including tubing line
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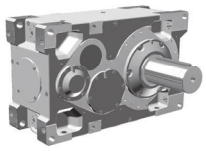
**Note**: The stated quantities are guide values. In the order-related documentation are the exact values.

# SK...207 , SK...307
# Weights

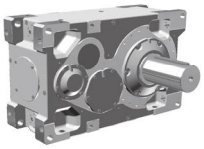


| | V (Solid Shaft) | | L (Double Solid Shaft) | | A (Hollow Shaft) | | AS (Hollow Shaft /Shrink Disc) | |
|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5207** | 360 | 794 | 388 | 855 | 327 | 721 | 338 | 745 |
| **SK 5307** | 373 | 822 | 401 | 884 | 340 | 750 | 351 | 774 |
| **SK 6207** | 404 | 891 | 432 | 952 | 371 | 818 | 382 | 842 |
| **SK 6307** | 417 | 919 | 445 | 981 | 384 | 847 | 395 | 871 |
| **SK 7207** | 473 | 1043 | 530 | 1168 | 418 | 922 | 439 | 968 |
| **SK 7307** | 509 | 1122 | 570 | 1257 | 454 | 1001 | 477 | 1052 |
| **SK 8207** | 551 | 1215 | 608 | 1340 | 496 | 1093 | 516 | 1138 |
| **SK 8307** | 592 | 1305 | 654 | 1442 | 538 | 1186 | 560 | 1235 |
| **SK 9207** | 953 | 2101 | 1068 | 2355 | 824 | 1817 | 865 | 1907 |
| **SK 9307** | 1025 | 2260 | 1148 | 2531 | 895 | 1973 | 940 | 2072 |
| **SK 10207** | 1087 | 2396 | 1201 | 2648 | 957 | 2110 | 999 | 2202 |
| **SK 10307** | 1169 | 2577 | 1292 | 2848 | 1039 | 2291 | 1084 | 2390 |
| **SK 11207** | 1390 | 3064 | 1460 | 3219 | 1250 | 2756 | 1300 | 2866 |
| **SK 11307** | 1460 | 3219 | 1530 | 3373 | 1320 | 2910 | 1370 | 3020 |
| **SK 12207** | 2005 | 4420 | 2110 | 4652 | 1785 | 3935 | 1860 | 4101 |
| **SK 12307** | 2110 | 4652 | 2215 | 4883 | 1890 | 4167 | 1965 | 4332 |
| **SK 13207** | 2820 | 6217 | 2980 | 6570 | 2460 | 5423 | 2600 | 5732 |
| **SK 13307** | 3040 | 6702 | 3200 | 7055 | 2680 | 5908 | 2820 | 6217 |
| **SK 14207** | 3550 | 7828 | 3740 | 8247 | 3200 | 7056 | 3410 | 7519 |
| **SK 14307** | 3570 | 7872 | 3760 | 8291 | 3200 | 7100 | 3430 | 7563 |
| **SK 15207** | 4460 | 9833 | 4645 | 10240 | 4035 | 8896 | 4180 | 9215 |
| **SK 15307** | 4700 | 10362 | 4885 | 10770 | 4275 | 9425 | 4420 | 9744 |

| | R (Backstop) | | V + VL2/3 (Spread Bearing) | | A + VL2/3 (Spread Bearing) | | AS + VL2/3 (Spread Bearing) | | F (Low Flange) | | FK (High Flange) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5207** | +14 | +31 | +210 | +463 | +190 | +419 | +210 | +463 | +25 | +55 | +25 | +55 |
| **SK 5307** | + 9 | +20 | | | | | | | | | | |
| **SK 6207** | +14 | +31 | +210 | +463 | +190 | +419 | +210 | +463 | +25 | +55 | +25 | +55 |
| **SK 6307** | + 9 | +20 | | | | | | | | | | |
| **SK 7207** | +19 | +41 | +350 | +772 | +320 | +705 | +350 | +772 | +23 | +51 | +29 | +64 |
| **SK 7307** | +17 | +37 | | | | | | | | | | |
| **SK 8207** | +19 | +41 | +350 | +772 | +320 | +705 | +350 | +772 | +29 | +64 | +35 | +78 |
| **SK 8307** | +17 | +37 | | | | | | | | | | |
| **SK 9207** | +24 | +53 | +280 | +617 | +260 | +573 | +290 | +639 | +37 | +82 | +46 | +101 |
| **SK 9307** | +21 | +46 | | | | | | | | | | |
| **SK 10207** | +24 | +53 | +280 | +617 | +260 | +573 | +290 | +639 | +47 | +103 | +58 | +127 |
| **SK 10307** | +21 | +46 | | | | | | | | | | |
| **SK 11207** | +31 | +68 | +300 | +661 | +260 | +573 | +330 | +727 | +150 | +331 | +185 | +408 |
| **SK 11307** | +21 | +46 | | | | | | | | | | |
| **SK 12207** | +54 | +119 | +380 | +837 | +330 | +727 | +390 | +860 | +205 | +452 | +260 | +573 |
| **SK 12307** | +31 | +68 | | | | | | | | | | |
| **SK 13207** | +60 | +132 | +510 | +1124 | +430 | +948 | +520 | +1146 | +295 | +650 | +365 | +805 |
| **SK 13307** | +33 | +72 | | | | | | | | | | |
| **SK 14207** | +56 | +123 | +540 | +1190 | +450 | +992 | +550 | +1212 | +350 | +772 | - | - |
| **SK 14307** | +56 | +123 | | | | | | | | | | |
| **SK 15207** | +104 | +229 | +840 | +1852 | +730 | +1609 | +860 | +1896 | +400 | +882 | - | - |
| **SK 15307** | +61 | +134 | | | | | | | | | | |

**CAUTIONS**

The weight data is based on gear units without oil and add-ons. The actual weights can be supplied with the gear unit documentation.







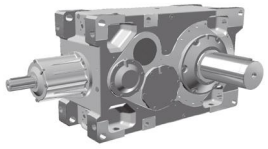
| | D (Torque Support) | | ED (Elastic Torque Sup.) | | WX (Auxillary Drive) | | FAN (Fan) | | H (AS) (Shrink Disc Cover) | | CC (Int. Water Cooler) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5207<br>SK 5307** | +15 | +33 | +15 | +33 | +44 | +97 | +4 | +9 | +1 | +2,2 | +3 | +7 |
| **SK 6207<br>SK 6307** | +15 | +33 | +15 | +33 | +44 | +97 | +4 | +9 | +1 | +2,2 | +3 | +7 |
| **SK 7207<br>SK 7307** | +10 | +22 | +39 | +86 | +38 | +84 | +8,2 | +18 | +3,2 | +7 | +3,2 | +7 |
| **SK 8207<br>SK 8307** | +13 | +29 | +48 | +106 | +46 | +101 | +9,1 | +20 | +4,1 | +9 | +4,1 | +9 |
| **SK 9207<br>SK 9307** | +16 | +35 | +63 | +139 | +60 | +132 | +12 | +26 | +5,0 | +11 | +5,0 | +11 |
| **SK 10207<br>SK 10307** | +21 | +46 | +79 | +174 | +75 | +165 | +15 | +33 | +6,8 | +15 | +6.8 | +15 |
| **SK 11207<br>SK 11307** | +30 | +66 | +115 | +254 | +110 | +243 | +22 | +49 | +10 | +22 | +10 | +22 |
| **SK 12207<br>SK 12307** | +35 | +77 | +115 | +254 | +110 | +243 | +25 | +55 | +11 | +24 | +12 | +26 |
| **SK 13207<br>SK 13307** | +40 | +88 | +135 | +298 | +110 | +243 | +28 | +62 | +13 | +29 | +15 | +33 |
| **SK 14207<br>SK 14307** | +84 | +187 | +172 | +381 | +115 | +253 | +29 | +65 | +13 | +29 | +15 | +33 |
| **SK 15207<br>SK 15307** | +45 | +99 | +135 | +298 | +120 | +265 | +35 | +77 | +16 | +35 | +15 | +33 |

| | IEC 100 | | IEC 112 | | IEC 132 | | IEC 160 | | IEC 180 | | IEC 200 | | IEC 225 | | IEC 250 | | IEC 280 | | IEC 315 | | TN315 | | TN355 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5207<br>SK 5307** | +65 | +143 | +65 | +143 | +67 | +148 | +70 | +154 | +70 | +154 | +72 | +159 | +80 | +176 | +96 | +212 | +96 | +212 | - | | - | | - | |
| **SK 6207<br>SK 6307** | +65 | +143 | +65 | +143 | +67 | +148 | +70 | +154 | +70 | +154 | +72 | +159 | +80 | +176 | +96 | +212 | +96 | +212 | - | | - | | - | |
| **SK 7207<br>SK 7307** | +13 | +29 | +13 | +29 | +169 | +373 | +74 | +163 | +74 | +163 | +70 | +154 | +79 | +174 | +94 | +207 | +94 | +207 | +115 | +254 | +137 | +302 | +166 | +366 |
| **SK 8207<br>SK 8307** | +13 | +29 | +13 | +29 | +169 | +373 | +74 | +163 | +74 | +163 | +70 | +154 | +79 | +174 | +94 | +207 | +94 | +207 | +115 | +254 | +137 | +302 | +166 | +366 |
| **SK 9207<br>SK 9307** | +13 | +29 | +13 | +29 | +169 | +373 | +76 | +168 | +76 | +168 | +72 | +159 | +80 | +176 | +96 | +212 | +96 | +212 | +117 | +258 | +139 | +306 | +168 | +370 |
| **SK 10207<br>SK 10307** | +13 | +29 | +13 | +29 | +169 | +373 | +76 | +168 | +76 | +168 | +72 | +159 | +80 | +176 | +96 | +212 | +96 | +212 | +117 | +258 | +139 | +306 | +168 | +370 |
| **SK 11207<br>SK 11307** | --- | --- | --- | --- | --- | --- | +142 | +313 | +142 | +313 | +138 | +304 | +147 | +324 | +162 | +357 | +162 | +357 | +183 | +403 | +205 | +452 | +235 | +518 |
| **SK 12207<br>SK 12307** | --- | --- | --- | --- | --- | --- | +168 | +370 | +168 | +370 | +163 | +359 | +172 | +379 | +188 | +414 | +188 | +414 | +209 | +461 | +231 | +509 | +260 | +573 |
| **SK 13207<br>SK 13307** | --- | --- | --- | --- | --- | --- | +184 | +406 | +184 | +406 | +180 | +397 | +189 | +417 | +204 | +450 | +204 | +450 | +225 | +496 | +247 | +545 | +277 | +611 |
| **SK 14207<br>SK 14307** | --- | --- | --- | --- | --- | --- | +227 | +501 | +227 | +501 | +177 | +392 | +232 | +512 | +247 | +545 | +247 | +545 | +268 | +591 | +290 | +640 | +320 | +705 |
| **SK 15207<br>SK 15307** | --- | --- | --- | --- | --- | --- | +230 | +507 | +230 | +507 | +226 | +498 | +235 | +518 | +250 | +551 | +250 | +551 | +271 | +597 | +293 | +646 | +322 | +710 |

## CAUTIONS

The weight data is based on gear units without oil and add-ons. The actual weights can be supplied with the gear unit documentation.

# SK...407 , SK...507
# Weights

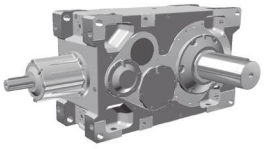


| | V (Solid Shaft) | | L (Double Solid Shaft) | | A (Hollow Shaft) | | AS (Hollow Shaft /Shrink Disc) | |
|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5407** | 400 | 882 | 428 | 944 | 367 | 809 | 378 | 833 |
| **SK 5507** | 395 | 871 | 423 | 933 | 362 | 798 | 373 | 822 |
| **SK 6407** | 444 | 979 | 472 | 1041 | 411 | 906 | 422 | 930 |
| **SK 6507** | 439 | 968 | 467 | 1030 | 406 | 895 | 417 | 919 |
| **SK 7407** | 542 | 1195 | 603 | 1329 | 487 | 1074 | 510 | 1124 |
| **SK 7507** | 534 | 1177 | 591 | 1303 | 479 | 1056 | 499 | 1100 |
| **SK 8407** | 620 | 1367 | 681 | 1501 | 465 | 1246 | 588 | 1296 |
| **SK 8507** | 617 | 1360 | 732 | 1614 | 488 | 1076 | 529 | 1166 |
| **SK 9407** | 1044 | 2302 | 1167 | 2573 | 914 | 2015 | 959 | 2114 |
| **SK 9507** | 1056 | 2328 | 1170 | 2579 | 926 | 2041 | 968 | 2134 |
| **SK 10407** | 1178 | 2597 | 1301 | 2868 | 1048 | 2310 | 1093 | 2410 |
| **SK 10507** | 1200 | 2646 | 1363 | 3005 | 1104 | 2434 | 1176 | 2593 |
| **SK 11407** | 1460 | 3219 | 1530 | 3373 | 1320 | 2910 | 1370 | 3020 |
| **SK 11507** | 1535 | 3384 | 1605 | 3538 | 1395 | 3075 | 1445 | 3186 |
| **SK 12407** | 2185 | 4817 | 2290 | 5049 | 1965 | 4332 | 2040 | 4497 |
| **SK 12507** | 2195 | 4839 | 2300 | 5071 | 1975 | 4354 | 2050 | 4519 |
| **SK 13407** | 2970 | 6548 | 3130 | 6900 | 2610 | 5754 | 2790 | 6151 |
| **SK 13507** | 3190 | 7033 | 3350 | 7385 | 2830 | 6239 | 2970 | 6548 |
| **SK 14407** | 3660 | 8070 | 3850 | 8490 | 3310 | 7290 | 3520 | 7761 |
| **SK 14507** | 3750 | 8269 | 3940 | 8690 | 3400 | 7498 | 3610 | 7960 |
| **SK 15407** | 4770 | 10516 | 4955 | 10924 | 4345 | 9579 | 4490 | 9899 |
| **SK 15507** | 4945 | 10902 | 5130 | 11310 | 4520 | 9965 | 4665 | 10285 |

| | R (Backstop) | | V + VL2/3 (Spread Bearing) | | A + VL2/3 (Spread Bearing) | | AS + VL2/3 (Spread Bearing) | | F (Low Flange) | | FK (High Flange) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5407** | +14 | 31 | +210 | +463 | +190 | +419 | +210 | +463 | +25 | +55 | +25 | +55 |
| **SK 5507** | + 9 | 20 | | | | | | | | | | |
| **SK 6407** | +14 | 31 | +210 | +463 | +190 | +419 | +210 | +463 | +25 | +55 | +25 | +55 |
| **SK 6507** | + 9 | 20 | | | | | | | | | | |
| **SK 7407** | +6,8 | +15 | +147 | +324 | +79 | +174 | +99 | +218 | +51 | +112 | +63 | +139 |
| **SK 7507** | +5,0 | +11 | | | | | | | | | | |
| **SK 8407** | +8,2 | +18 | +181 | +399 | +97 | +214 | +122 | +269 | +63 | +139 | +78 | +172 |
| **SK 8507** | +5,9 | +13 | | | | | | | | | | |
| **SK 9407** | +11 | +24 | +235 | +518 | +126 | +278 | +158 | +348 | +82 | +181 | +101 | +223 |
| **SK 9507** | +8,2 | +18 | | | | | | | | | | |
| **SK 10407** | +14 | +31 | +294 | +648 | +157 | +346 | +198 | +437 | +103 | +227 | +127 | +280 |
| **SK 10507** | +10 | +22 | | | | | | | | | | |
| **SK 11407** | +20 | +44 | +426 | +939 | +233 | +514 | +289 | +637 | +147 | +324 | +183 | +403 |
| **SK 11507** | +13 | +29 | | | | | | | | | | |
| **SK 12407** | +33 | +73 | +602 | +1327 | +338 | +745 | +409 | +902 | +207 | +456 | +258 | +569 |
| **SK 12507** | +13 | +29 | | | | | | | | | | |
| **SK 13407** | +33 | +73 | +292 | +644 | +291 | +642 | +292 | +644 | +293 | +646 | +365 | +805 |
| **SK 13507** | +13 | +29 | | | | | | | | | | |
| **SK 14407** | +33 | +73 | +860 | +1900 | +500 | +1100 | +590 | +1300 | +350 | +750 | - | - |
| **SK 14507** | +13 | +29 | | | | | | | | | | |
| **SK 15407** | +60 | +132 | +1427 | +3146 | +839 | +1850 | +969 | +2136 | +400 | +882 | - | - |
| **SK 15507** | +33 | +73 | | | | | | | | | | |

**CAUTIONS**

The weight data is based on gear units without oil and add-ons. The actual weights can be supplied with the gear unit documentation.





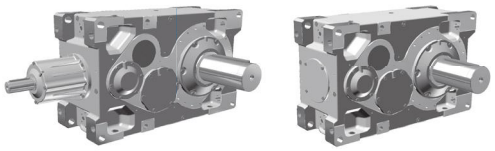


| | D (Torque Support) | | ED (Elastic Torque Sup.) | | WX (Auxillary Drive) | | FAN (Fan) | | H (AS) (Shrink Disc Cover) | | CC (Int. Water Cooler) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5407**<br>**SK 5507** | +15 | +33 | +15 | +33 | +44 | +97 | +4 | +9 | +1 | +2,2 | +3 | +7 |
| **SK 6407**<br>**SK 6507** | +15 | +33 | +15 | +33 | +44 | +97 | +4 | +9 | +1 | +2,2 | +3 | +7 |
| **SK 7407**<br>**SK 7507** | +10 | +22 | +39 | 86 | +38 | +84 | +8,2 | +18 | +3,2 | +7 | +3,2 | +7 |
| **SK 8407**<br>**SK 8507** | +13 | 29 | +48 | 106 | +46 | +101 | +9,1 | +20 | +4,1 | +9 | +4,1 | +9 |
| **SK 9407**<br>**SK 9507** | +16 | 35 | +63 | 139 | +60 | +132 | +12 | +26 | +5,0 | +11 | +5,0 | +11 |
| **SK 10407**<br>**SK 10507** | +21 | 46 | +79 | 174 | +75 | +165 | +15 | +33 | +6,8 | +15 | +6,8 | +15 |
| **SK 11407**<br>**SK 11507** | +30 | +66 | +115 | +254 | +110 | +243 | +22 | +49 | +10 | +22 | +10 | +22 |
| **SK 12407**<br>**SK 12507** | +35 | +77 | +115 | +254 | +110 | +243 | +25 | +55 | +11 | +24 | +12 | +26 |
| **SK 13407**<br>**SK 13507** | +40 | +88 | +135 | +298 | +110 | +243 | +28 | +62 | +13 | +29 | +15 | +33 |
| **SK 14407**<br>**SK 14507** | +84 | +187 | +172 | +381 | +115 | +253 | +30 | +65 | +13 | +29 | +15 | +33 |
| **SK 15407**<br>**SK 15507** | +45 | +99 | +135 | +298 | +120 | +265 | +35 | +77 | +16 | +35 | +15 | +33 |

| | IEC 100 | | IEC 112 | | IEC 132 | | IEC 160 | | IEC 180 | | IEC 200 | | IEC 225 | | IEC 250 | | IEC 280 | | IEC 315 | | TN315 | | TN355 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb | kg | lb |
| **SK 5407** | +72 | +159 | +72 | +159 | +74 | +163 | +77 | +170 | +77 | +170 | +79 | +174 | +87 | +192 | +103 | +227 | +103 | +227 | - | - | - | - | - | - |
| **SK 5507** | +61 | +134 | +61 | +134 | +63 | +139 | +66 | +146 | +66 | +146 | +68 | +150 | +76 | +168 | +92 | +203 | +92 | +203 | - | - | - | - | - | - |
| **SK 6407** | +72 | +159 | +72 | +159 | +74 | +163 | +77 | +170 | +77 | +170 | +79 | +174 | +87 | +192 | +103 | +227 | +103 | +227 | - | - | - | - | - | - |
| **SK 6507** | +61 | +134 | +61 | +134 | +63 | +139 | +66 | +146 | +66 | +146 | +68 | +150 | +76 | +168 | +92 | +203 | +92 | +203 | - | - | - | - | - | - |
| **SK 7407** | +13 | +29 | +13 | +29 | +69 | +152 | +91 | +201 | +91 | +201 | +87 | +192 | +95 | +209 | +111 | +245 | +111 | +245 | +132 | 291 | +154 | 340 | +183 | 403 |
| **SK 7507** | +87 | +192 | +87 | +192 | +19 | +42 | | | | | | | | | | | | | | | | | | |
| **SK 8407** | +13 | +29 | +13 | +29 | +69 | +152 | +91 | +201 | +91 | +201 | +87 | +192 | +95 | +209 | +111 | +245 | +111 | +245 | +132 | 291 | +154 | 340 | +183 | 403 |
| **SK 8507** | +87 | +192 | +87 | +192 | +19 | +42 | | | | | | | | | | | | | | | | | | |
| **SK 9407** | +13 | +29 | +13 | +29 | +69 | +152 | +91 | +201 | +91 | +201 | +87 | +192 | +95 | +209 | +111 | +245 | +111 | +245 | +132 | 291 | +154 | 340 | +183 | 403 |
| **SK 9507** | +87 | +192 | +87 | +192 | +19 | +42 | | | | | | | | | | | | | | | | | | |
| **SK 10407** | +13 | +29 | +13 | +29 | +69 | +152 | +91 | +201 | +91 | +201 | +87 | +192 | +95 | +209 | +111 | +245 | +111 | +245 | +132 | 291 | +154 | 340 | +183 | 403 |
| **SK 10507** | +87 | +192 | +87 | +192 | +19 | +42 | | | | | | | | | | | | | | | | | | |
| **SK 11407** | - | - | - | - | - | - | +170 | +375 | +170 | +375 | +166 | +366 | +175 | +386 | +190 | +419 | +190 | +419 | +211 | +465 | +233 | +514 | +263 | +580 |
| **SK 11507** | - | - | - | - | - | - | +144 | +144 | +144 | +317 | +140 | +309 | +149 | +328 | +164 | +362 | +164 | +362 | +185 | +408 | +207 | +456 | +237 | +522 |
| **SK 12407** | - | - | - | - | - | - | +222 | +489 | +222 | +489 | +218 | +481 | +226 | +498 | +242 | +534 | +242 | +534 | +263 | +580 | +285 | +628 | +314 | +692 |
| **SK 12507** | - | - | - | - | - | - | +176 | +176 | +176 | +388 | +172 | +379 | +181 | +399 | +196 | +432 | +196 | +432 | +217 | +478 | +239 | +527 | +269 | +593 |
| **SK 13407** | - | - | - | - | - | - | +267 | +589 | +267 | +589 | +262 | +578 | +271 | +597 | +287 | +633 | +287 | +633 | +308 | +679 | +330 | +728 | +359 | +791 |
| **SK 13507** | - | - | - | - | - | - | +216 | +216 | +216 | +476 | +212 | +467 | +221 | +487 | +236 | +520 | +236 | +520 | +257 | +567 | +279 | +615 | +308 | +679 |
| **SK 14407** | - | - | - | - | - | - | +267 | +589 | +267 | +589 | +262 | +578 | +271 | +597 | +287 | +633 | +287 | +633 | +308 | +679 | +330 | +728 | +359 | +791 |
| **SK 14507** | - | - | - | - | - | - | +216 | +216 | +216 | +476 | +212 | +467 | +221 | +487 | +236 | +520 | +236 | +520 | +257 | +567 | +279 | +615 | +308 | +679 |
| **SK 15407** | - | - | - | - | - | - | +310 | +683 | +310 | +683 | +306 | +675 | +315 | +694 | +330 | +728 | +330 | +728 | +351 | +774 | +373 | +822 | +402 | +886 |
| **SK 15507** | - | - | - | - | - | - | +240 | +240 | +240 | +529 | +236 | +520 | +244 | +538 | +260 | +573 | +260 | +573 | +281 | +619 | +303 | +668 | +332 | +732 |

## CAUTIONS

The weight data is based on gear units without oil and add-ons. The actual weights can be supplied with the gear unit documentation.





## Solid & Hollow Shaft Tolerance Standards

| Nominal Size ø Range | | Hollow Shaft | Solid Shaft | | | |
|---|---|---|---|---|---|---|
| over (mm) | to (mm) | H7 (µm) | g6 (µm) | h6 (µm) | k6 (µm) | m6 (µm) |
| ø 40 | ø 50 | +25 | -9 | 0 | +18 | +25 |
| | | 0 | -25 | -16 | +2 | +9 |
| ø 50 | ø 65 | +30 | -10 | 0 | +21 | +30 |
| | | 0 | -29 | -19 | +2 | +11 |
| ø 65 | ø 80 | +30 | -10 | 0 | +21 | +30 |
| | | 0 | -29 | -19 | +2 | +11 |
| ø 80 | ø 100 | +36 | -12 | 0 | +25 | +35 |
| | | 0 | -34 | -22 | +3 | +13 |
| ø 100 | ø 120 | +36 | -12 | 0 | +25 | +35 |
| | | 0 | -34 | -22 | +3 | +13 |
| ø 120 | ø 140 | +40 | -14 | 0 | +28 | +40 |
| | | 0 | -39 | -25 | +3 | +15 |
| ø 140 | ø 160 | +40 | -14 | 0 | +28 | +40 |
| | | 0 | -39 | -25 | +3 | +15 |
| ø 160 | ø 180 | +40 | -14 | 0 | +28 | +40 |
| | | 0 | -39 | -25 | +3 | +15 |
| ø 180 | ø 200 | +46 | -15 | 0 | +33 | +46 |
| | | 0 | -44 | -29 | +4 | +17 |
| ø 200 | ø 225 | +46 | -15 | 0 | +33 | +46 |
| | | 0 | -44 | -29 | +4 | +17 |
| ø 225 | ø 250 | +46 | -15 | 0 | +33 | +46 |
| | | 0 | -44 | -29 | +4 | +17 |
| ø 250 | ø 280 | +52 | -17 | 0 | +36 | +52 |
| | | 0 | -49 | -32 | +4 | +20 |
| ø 280 | ø 315 | +52 | -17 | 0 | +36 | +52 |
| | | 0 | -49 | -32 | +4 | +20 |
| ø 315 | ø 355 | +57 | -18 | 0 | +40 | +57 |
| | | 0 | -54 | -36 | +4 | +21 |

**Standard tolerances:** According to ISO 2768 - mk
According to: DIN 748 & ISO H7

**⚠ IMPORTANT NOTE ⚠**

Alternate inch dimensions and tolerances are available upon request.

## Solid & Hollow Shaft & Key Tolerances

| Solid Shaft Diameter Tolerance | [mm] |
|---|---|
| > ø 14 - ø 50 | ISO k6 |
| > ø 50 | ISO m6 |

**Shaft Tolerance According to: DIN 748**

| Solid Shaft Drill & Tap End - Threaded Holes | [mm] |
|---|---|
| = ø 13 - ø 16 | M5 |
| > ø 16 - ø 21 | M6 |
| > ø 21 - ø 24 | M8 |
| > ø 24 - ø 30 | M10 |
| > ø 30 - ø 38 | M12 |
| > ø 38 - ø 50 | M16 |
| > ø 50 - ø 85 | M20 |
| > ø 85 - ø 130 | M24 |
| > ø 130 - ø 155 | M30 |
| > ø 155 - ø 225 | M36 |
| > ø 225 - ø 320 | M48 |

| Solid Shaft Parallel Keys | [mm] |
|---|---|
| According to DIN 6885 | |

| Keyed Hollow Bore Tolerances | [mm] |
|---|---|
| According to DIN 748 & ISO H7 | |

| Splined Hollow Shaft Tolerance | [mm] |
|---|---|
| Splined Hub Section of DIN 5480 9H ⇨ 🕮 64 | |

| Hollow Shaft Parallel Keys | [mm] |
|---|---|
| According to DIN 6885 | |

## Customer Shaft & Other Tolerances

| Customer Shafts | [mm] |
|---|---|
| Tolerance According to ISO h6 | |
| L = Length of plug-in shaft | |
| DIN 5480 Recommended Fitting 8f | |
| Tolerance of plug-in shaft ISO h6 (Diameter <= 160 mm)<br>Tolerance of plug-in shaft ISO g6 (Diameter > 160 mm) | |

| Customer Shaft Parallel Keys | [mm] |
|---|---|
| According to DIN 6885 Sheets 1 & 3 | |

| Axle Height |
|---|
| Axle Height According to DIN 747 |

| Flanges & IEC motor adapters |
|---|
| Tolerance of hole circle ø according to DIN 42 948 |
| Tolerance of flange centring ø according to DIN 42 948<br>≤ ø 230 mm according to ISO j6<br>> ø 230 mm according to ISO h6 |

| Cast Surfaces |
|---|
| All cast surfaces are subject to minor variations due to the manu-facturing process. |

DRIVESYSTEMS

# Options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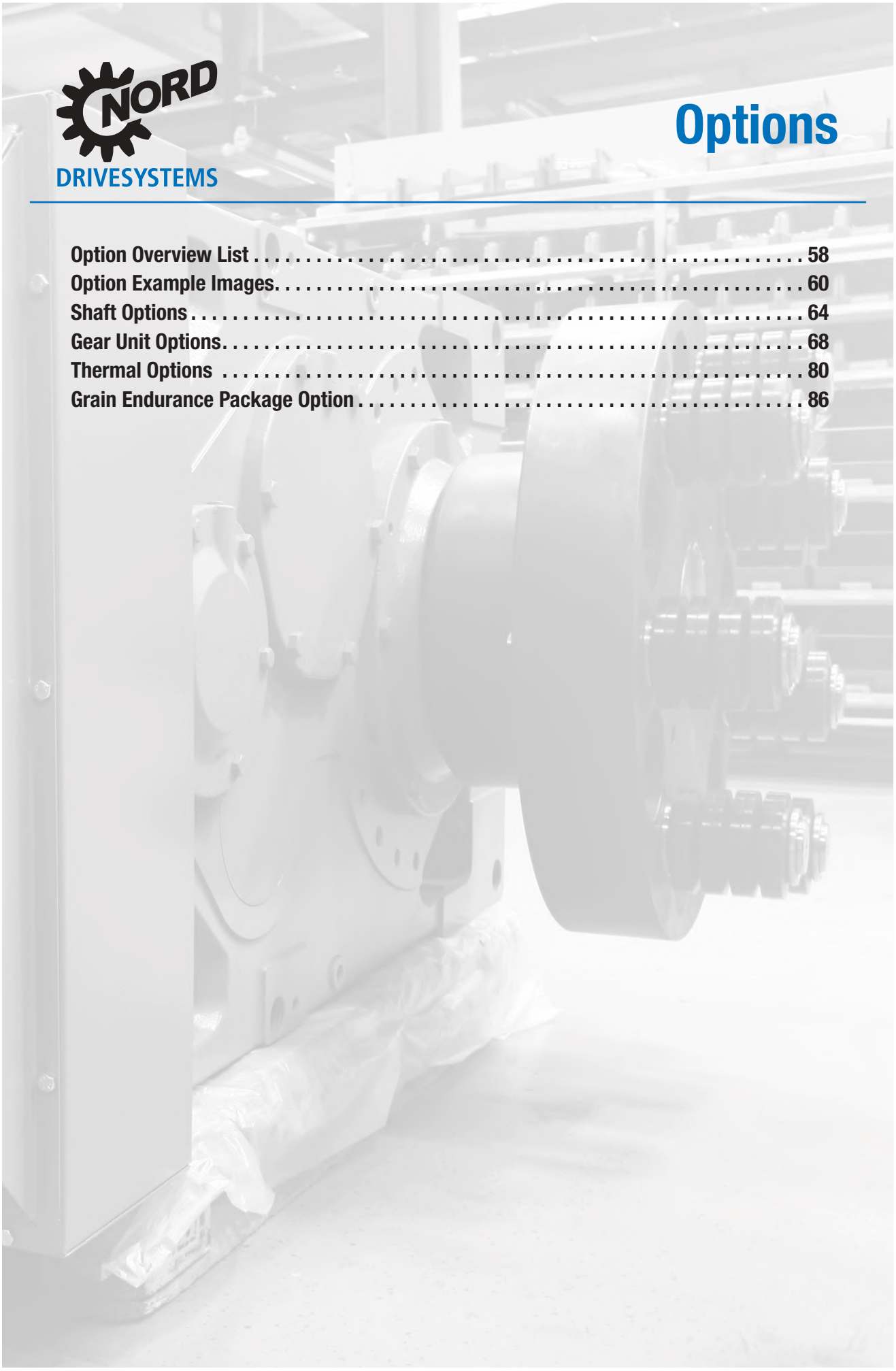
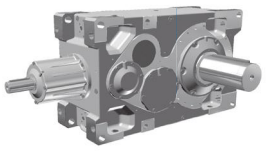
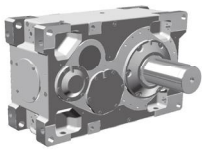
Grain Endurance Package Option . . . . . 86

# Overview Options

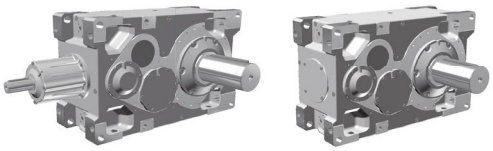




## Large Industrial Gearbox Options

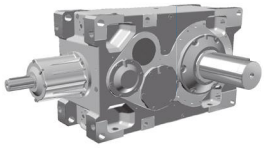
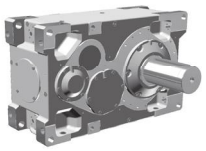
| Option Code | Description | Output Design | Output Options | Input Design | Add. Options | Size | | | | | | | | | | | ⇨ 🕮 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SK 5.07 | SK 6.07 | SK 7.07 | SK 8.07 | SK 9.07 | SK 10.07 | SK 11.07 | SK 12.07 | SK 13.07 | SK 14.07 | SK 15.07 | |
| **A** | Keyed hollow output shaft | X | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **AS** | Keyed hollow for shrink disc | X | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 66 |
| **B** | Fixing kit for hollow output shaft | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 65 |
| **CC** | Internal water cooler | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 81 |
| **CS1** | External oil / water cooler | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 84 |
| **CS2** | External oil / air cooler | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 84 |
| **D** | Torque support | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 74 |
| **DRY** | Spread Bearing Design "True Drywell" with standard bearing | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **EA** | Hollow output shaft, with spline, DIN 5480 | X | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **ED** | Elastic torque support | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 74 |
| **EV** | Splined solid output shaft, DIN 5480 | X | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **EW** | Splined solid input shaft, DIN 5480 | | | X | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **F** | Low output flange (B14 with threaded holes) | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 70 |
| **FAN** | Fan or Electric Fan | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 84 |
| **FK** | High output flange (B5 with through holes) | | X | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 70 |
| **F1** | Input flange (SK .207 / SK .307) | | | X | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 77 |
| **H/H66** | Cover (contact protection) / IP66 Cover | | X | X | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 67 |
| **IEC** | Adapter for fitting B5 IEC standard motors | | | X | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 77 |
| **L** | Double solid output shaft | X | | | | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 64 |
| **LC** | Pressure Forced lubrication (Bearings) | | | | X | - | - | 1) | 1) | 1) | 1) | ✔ | ✔ | ✔ | ✔ | ✔ | 82 |
| **LCX** | Pressure Forced lubrication with Drywell (Bearings & Gears) | | | | X | - | - | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 82 |
| **MC** | Motor scoop | | | | X | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 77 |
| **MO** | Monitoring devices & sensors | | | | X | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 78 |
| **MF** | Motor base frame (options: see MF..) | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 74 |
| **MFB** | Base frame with brake | | | | X | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | 75 |

1) **on request**

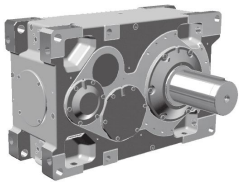


| Option Code | Description | Output Design | Output Options | Input Design | Add. Options | Size | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | SK 5.07 | SK 6.07 | SK 7.07 | SK 8.07 | SK 9.07 | SK 10.07 | SK 11.07 | SK 12.07 | SK 13.07 | SK 14.07 | SK 15.07 | ⇨📖 |
| **MS** | Motor Swing Base (options: see MS ..) | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 74 |
| **MSB** | Swing base with brake | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MFK** | Base frame with elastic coupling | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MFT** | Base frame with fluid coupling | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MSK** | Swing base with elastic coupling | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MSKB** | Swing base with elastic coupling and brake | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MST** | Swing base with fluid coupling | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MFTB** | Base frame with fluid coupling and brake | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MSTB** | Swing base with fluid coupling and brake | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 75 |
| **MT** | Motor bracket | | | | X | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 1) | 78 |
| **NEMA** | Adapter for fitting B5 NEMA C-flange standard motors | | | X | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 77 |
| **OT** | Oil tank | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 83 |
| **OH** | Oil heater | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 83 |
| **R *** | Backstop | | | X | | ✓ * | ✓ * | ✓ * | ✓ * | ✓ * | ✓ * | ✓ | ✓ | ✓ | ✓ | ✓ | 69 |
| **V** | Solid output shaft | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 64 |
| **VL2** | Spread Bearing Design | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 71 |
| **VL3** | Spread Bearing Design with Oil Safe Dry Cavity | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 71 |
| **VL4** | Spread Bearing Design with Drywell | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 72 |
| **VL5** | Extruder Flange | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - | - | - | - | 72 |
| **VL6** | Spread Bearing Design with "True Drywell" without Flange | X | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 72 |
| **WX** | Auxiliary drive | | | X | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 78 |
| **WG** | Pre-stage gearbox | | | X | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | --- |
| **W1 W2 * W3 *** | W1/2/3 - number of Solid Shaft Input W3 - for type 407 and 507 | | | X | | ✓ * | ✓ * | ✓ * | ✓ * | ✓ * | ✓ * | ✓ | ✓ | ✓ | ✓ | ✓ | --- |
| **---** | Brakes | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 76 |
| **---** | Couplings | | X | X | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 76 |
| **---** | Paint Coatings | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 79 |
| **---** | Endurance Package | | | | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 86 |

# Examples Options

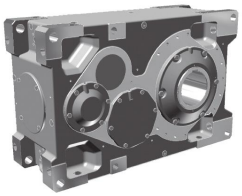
## Examples



### SK 13207 - V

Two-stage parallel gear unit

- with solid output shaft

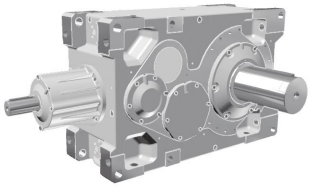


### SK 13307 - A

Three-stage parallel gear unit

- with hollow output shaft

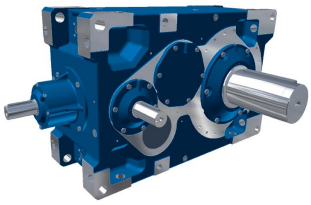




### SK 13407 - V

Three-stage right-angle gear unit

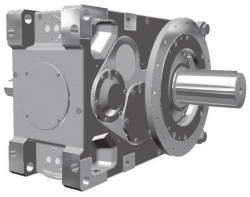
- with solid output shaft



### SK 13507 - V - W

Four-stage right-angle gear unit

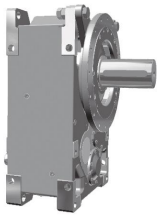
- with solid output shaft
- with additional free input shaft



### SK 13207 - V - F

Two-stage parallel gear unit

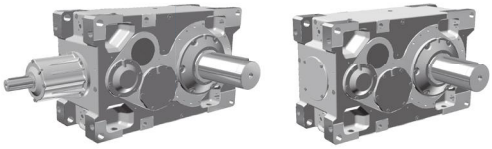
- with solid shaft and F flange on output



### SK 13207 - V - F

Two-stage parallel gear unit

- with solid shaft and F flange on output

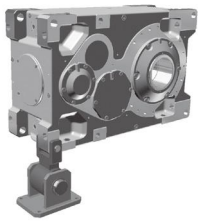




### SK 13207 - A - ED

Two-stage parallel gear unit

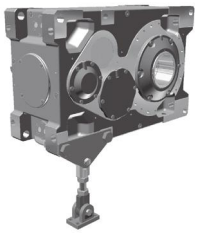
- with hollow output shaft and elastic torque support



### SK 13307 - A - D

Three-stage parallel gear unit

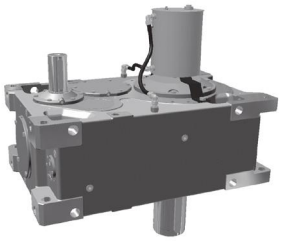
- with hollow output shaft and standard torque support



### SK 13207 - V - OT

Two-stage parallel gear unit

- with solid output shaft and oil tank



### SK 13207 - V - VL2 - IEC

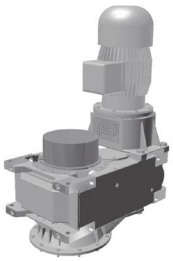
Two-stage parallel gear unit

- with solid output shaft, attached IEC motor, and "spread bearing design" with reinforced bearings

### SK 13307 - ASH - VL3 - NEMA

Three-stage parallel gear unit

- with hollow output shaft with shrink disc & cover, "spread bearing design" with "Drywell" and attached NEMA motor

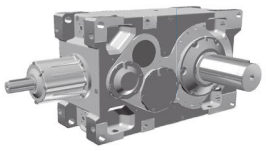
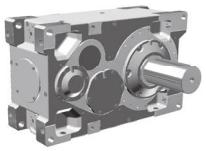


### SK 13307 - V - VL6

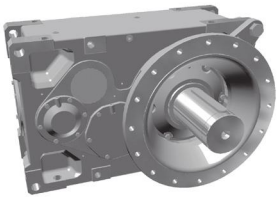
Three-stage parallel gear unit

- with solid output shaft and "spread bearing design" with "Drywell" and bolt on cover

# Examples Options

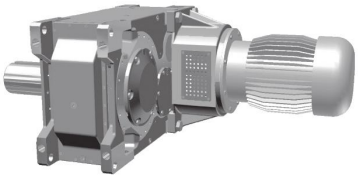
## Examples



### SK 13207 - V - FK

Two-stage right-angle gear unit

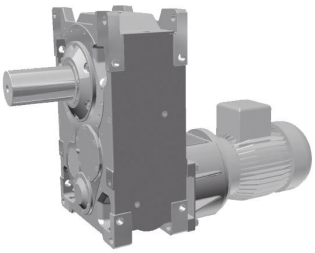
- with solid shaft and high flange on output



### SK 13307 - V - IEC

Three-stage right-angle unit

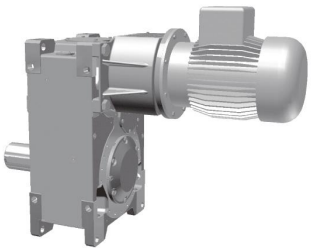
- with solid output shaft, and an attached IEC motor



### SK 13207 - V - NEMA

Two-stage parallel unit

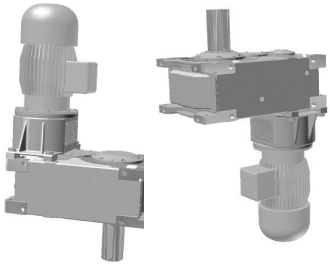
- with solid output shaft, and an attached NEMA motor



### SK 13307 - V - IEC

Three-stage parallel gear unit

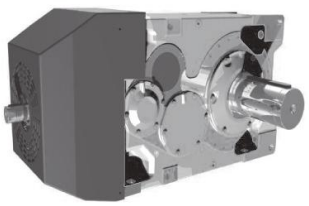
- with solid output shaft, and an attached IEC motor



### SK 13207 - V - NEMA

Two-stage parallel gear unit

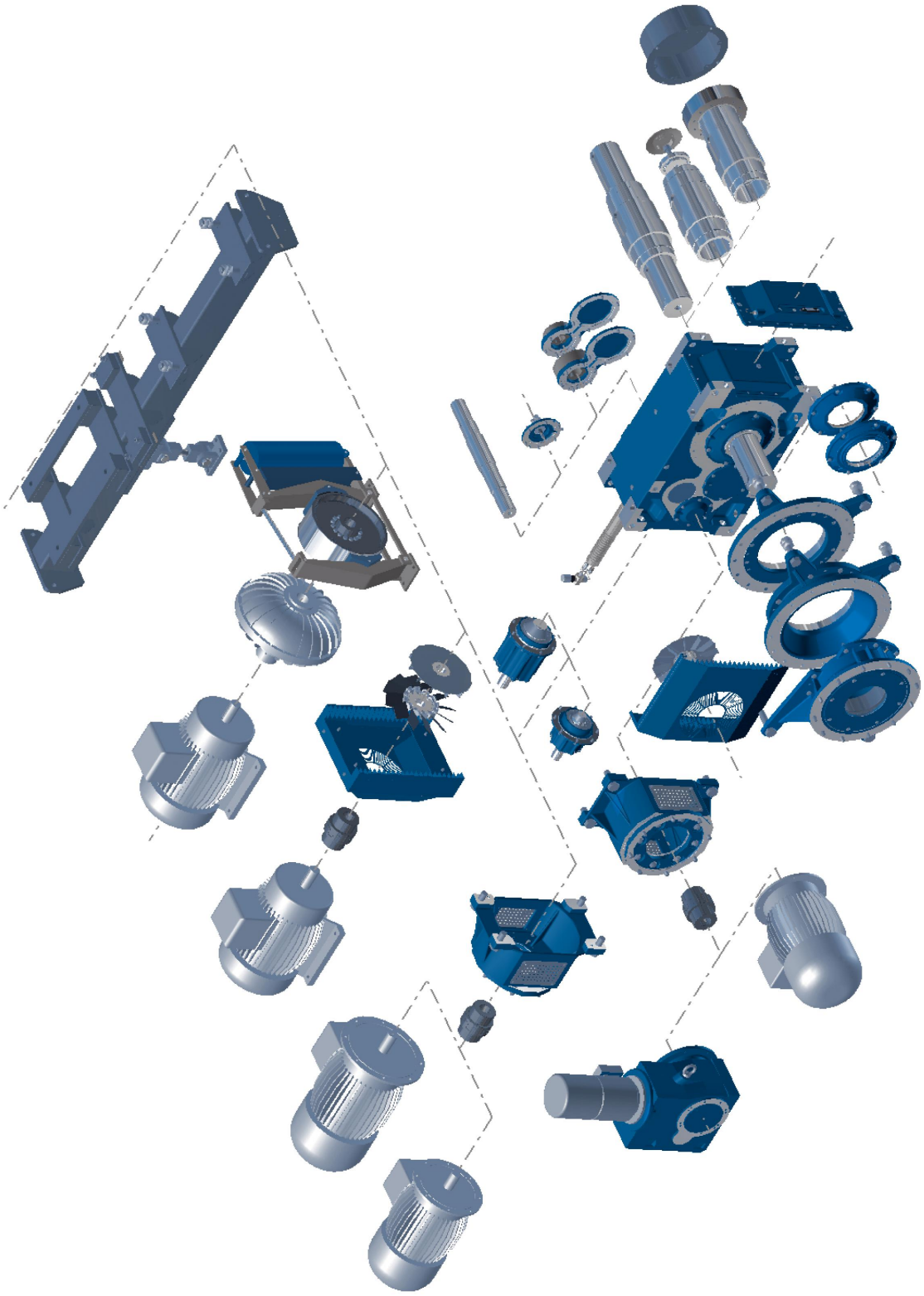
- with solid output shaft, and an attached NEMA motor



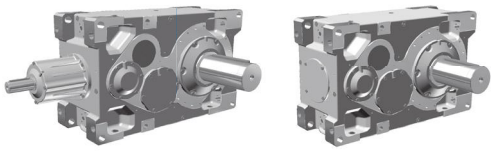
### SK 13407 - V - FAN

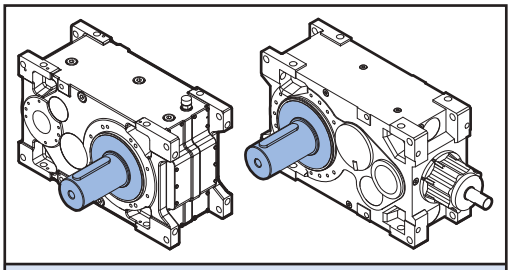
Three-stage right angle gear unit

- with solid output shaft
- with attached fan and protective cover

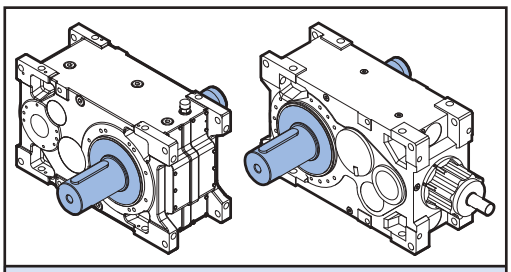


# Shaft Options

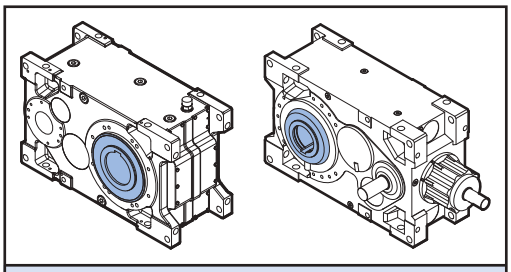




Parallel & Right Angle Solid Shaft Examples



Parallel & Right Angle Double Solid Shaft Examples



Parallel & Right Angle Keyed Hollow Shaft Examples

## Shaft Options

### Solid Output Shaft (Blank or V)

NORD's standard keyed solid shafts include a centered threaded hole. When installing drive elements such as sprockets, coupling hubs, pulleys, etc. the threaded hole and a suitable assembly device can be used to assemble the drive element. Shafts are available as inch or metric versions.

### Double Solid Output Shaft (L)

The double solid shaft end is projected out both sides of the speed reducer. This option is commonly used to transfer torque out of both sides of the reducer or to mount a speed-monitoring device such as an encoder on one of the shaft ends. If you need the keyways to be alligned you must specify with NORD upon ordering.

### Keyed Hollow Output Shaft (A)

NORD's standard keyed hollow shafts feature standard keyway dimensions and are available in both inch and metric designs. Many NORD reducers offer a variety of hollow shaft diameters.

### Hollow Output Shaft with Spline (EA)

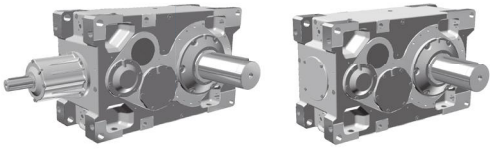
Hollow shafts with an involuted metric spline profile, according to DIN 5480, are available for some NORD hollow shaft reducers. NORD spline shafts are commonly used for crane travel drive applications.

### Solid Output Shaft with Spline (EV)

Solid output shafts with an involuted metric spline profile, according to DIN 5480, are available for some reducers.

### Solid Input Shaft with Spline (EW)

Solid output shafts with an involuted metric spline profile, according to DIN 5480, are available for some reducers.



## Fixing Kits for Hollow Shafts (B)

Due to the slight oscillations inherent in any rotating shaft, NORD offers an optional “fixing kit”. This is a method to prevent the reducer from “walking out” of position. The kit includes all of the necessary parts to secure the shaft in the axial direction by using a tapped hole in the end of the mating male shaft.

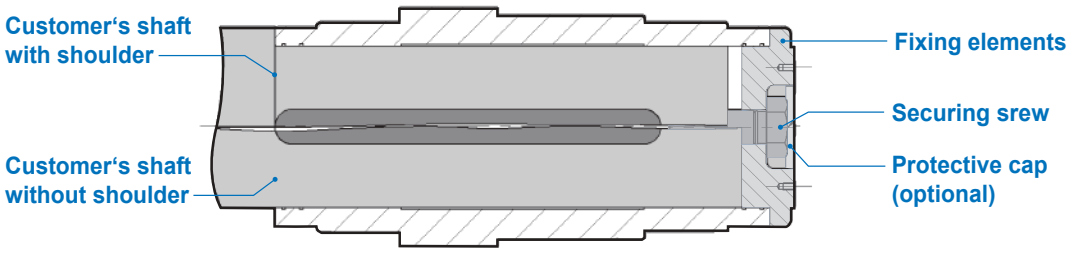
The fixing kits are used for assembling, dismantling and axial fixing to the customer’s shaft. The customer’s shaft may be with or without a shoulder.

**The threaded rod, assembly nut and dismantling screw are not provided with the fixing kit option.**

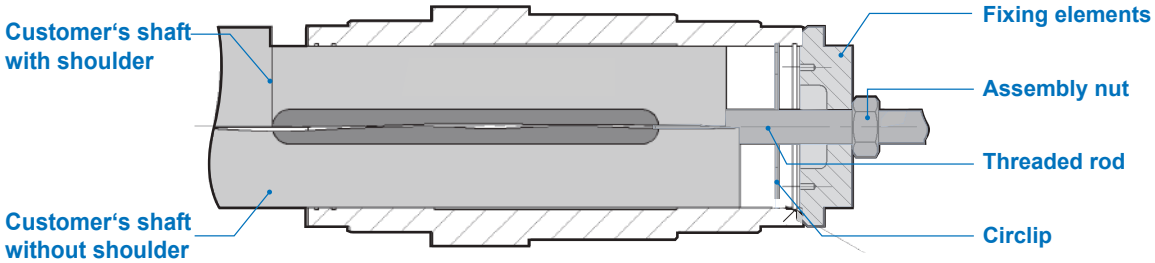
**Specifications for use:**

- The solid shaft that is used must have a tap according to our factory standards.
- Space must be available to fit the fixing kit. The permissible shaft dimensions can be found on the hollow shaft dimension pages for each individual gearbox size on pages ⇨📖156 & 244.

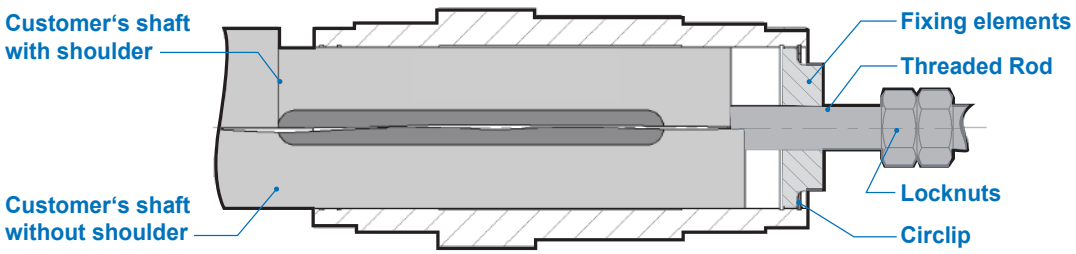
### Installation (fixing)

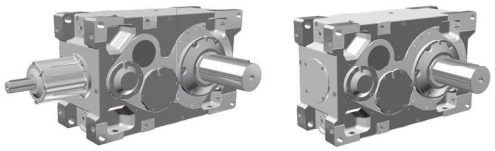



### Assembly




### Dismantling





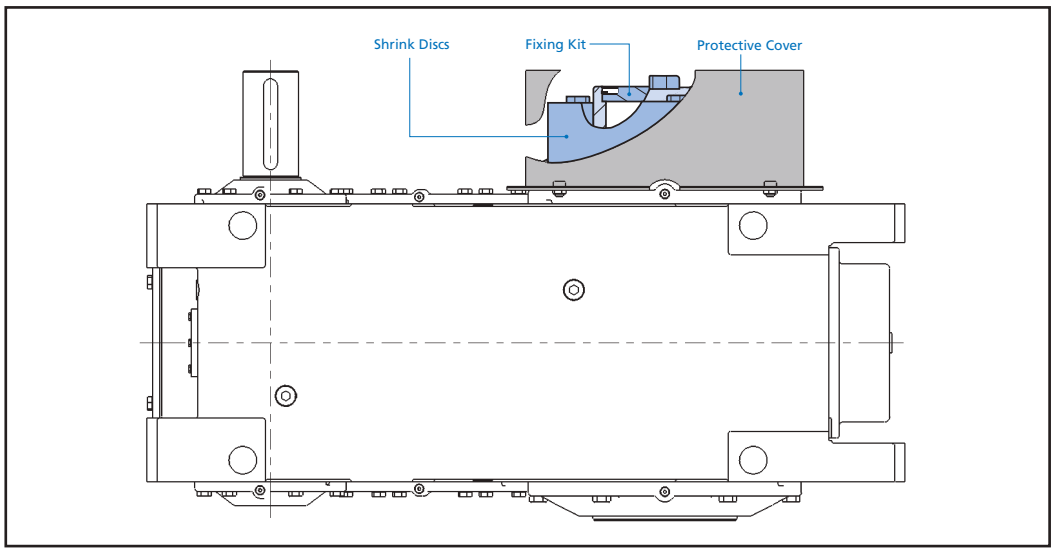
## Hollow Shaft with Shrink disc (AS)

For gearbox versions with a hollow output shaft, the use of a shrink disc is advised. The customer's shaft length that may be inserted into the hollow shaft of the gearbox can be found ⇨🕮 157 & 245.

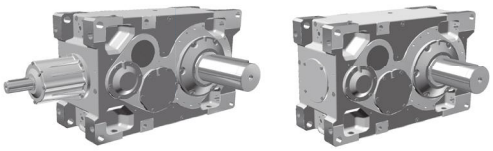
The diameter of the customer shaft should be according to ISO standard $g_6$ (dk>160mm) & $h_6$ (dk ≤ 160 mm). The material of the customer's insert must have a yield strength ($\mathbf{R_e}$) of at least: **52,260 psi (360 N/mm²)** Due to the clamping force, this will ensure that no permanent deformation occurs.

$\mathbf{T_{2max}}$ = Maximium permissible drive torque

**s** = Safety factor of the shrink disc for fitclass $g_6$ or $h_6$ with $T_{2max}$




| Gearbox | Size | Shrink disc $T_{2max}$ [Nm] | Shrink disc $T_{2max}$ [lb-in] | Shrink disc s | Clamping screw Number x Size |
|---|---|---|---|---|---|
| SK 5.07 ASH | 130 | 15.000 | 132800 | 2,4 | 14 x M12 |
| SK 6.07 ASH | 130 | 20.000 | 177000 | 1,8 | 14 x M12 |
| SK 7.07 ASH | 160 | 27.000 | 239000 | 2,0 | 12 x M16 |
| SK 8.07 ASH | 160 | 31.000 | 274400 | 1,9 | 12 x M16 |
| SK 9.07 ASH | 190 | 46.000 | 407100 | 2,3 | 16 x M16 |
| SK 10.07 ASH | 190 | 53.000 | 469100 | 1,9 | 16 x M16 |
| SK 11.07 ASH | 220 | 77.000 | 681500 | 2,3 | 16 x M20 |
| SK 12.07 ASH | 240 | 112.000 | 991300 | 2,1 | 18 x M20 |
| SK 13.07 ASH | 280 | 152.000 | 1345300 | 2,7 | 22 x M24 |
| SK 14.07 ASH | 280 | 212.000 | 1876400 | 2,0 | 22 x M24 |
| SK 15.07 ASH | 300 | 254.000 | 2248100 | 2,0 | 20 x M24 |
| SK 15.07 ASH | 340 | 282.000 | 2495900 | 2,0 | 20 x M24 |



## Hollow Shaft with Shrink disc (AS)

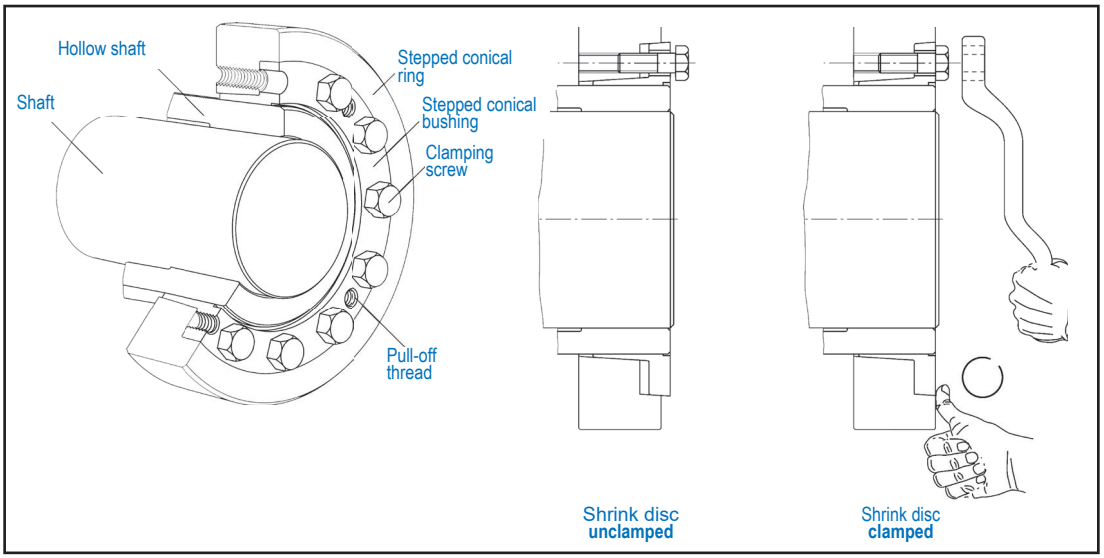
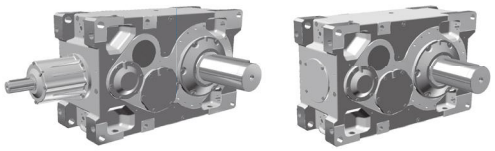



**Image source:** Fa. RINGSPANN GmbH

## Shaft Cover / IP66 Shaft Cover (H/H66)

The Shaft cover provides protection from rotating parts and the shrink disc when applicable.

The IP66 shaft cover provides the same protection from the shrink disc and rotating parts as well as being rated IP 66, which means that it is dust tight and capable of protecting against high pressure water jets.



## Backstops (R)

Optional backstops, which allow rotation in only one direction and block the other direction of rotation may be supplied. All backstops are mounted externally and are able to be changed without disassembly of the gear unit.

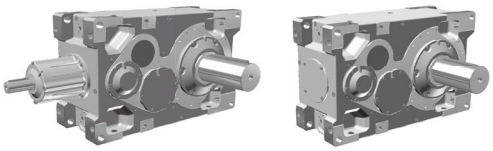
The lubrication of the backstop is provided by the oil from the gear reducer. The backstops lift off due to centrifugal force above a certain lift-off speed (see table) and are then free of friction.

| Gear Units | Nominal Ratio $i_N$ | Nominal Input Speed $n_1$ [rpm] |
|---|---|---|
| SK 5207 | 7,1 - 25 | 430 |
| SK 5307 | 28 - 180 | 670 |
| SK 5407 | 18 - 25 | 671 |
| | 28 - 50 | 1088 |
| | 56 - 100 | 1759 |
| SK 5507 | 112 - 400 | 2740 |
| SK 6207 | 8,0 - 28 | 430 |
| SK 6307 | 31,5 - 200 | 670 |
| SK 6407 | 20,0 - 25 | 671 |
| | 28,0 - 50 | 1088 |
| | 56,0 - 112 | 1759 |
| SK 6507 | 125 - 445 | 2740 |
| SK 7207 | 7,1 - 25 | 400 |
| SK 7307 | 28,0 - 160 | 430 |
| SK 7407 | 15,0 - 25 | 624 |
| | 28,0 - 50 | 1012 |
| | 56,0 - 100 | 1636 |
| SK 7507 | 112 - 400 | 1759 |
| SK 8207 | 8,0 - 28 | 400 |
| SK 8307 | 32,5 - 180 | 430 |
| SK 8407 | 20,0 - 28 | 624 |
| | 31,5 - 56 | 1012 |
| | 63,0 - 112 | 1636 |
| SK 8507 | 125 - 450 | 1759 |
| SK 9207 | 7,1 - 25 | 320 |
| SK 9307 | 28,0 - 180 | 400 |
| SK 9407 | 18,0 - 25 | 499 |
| | 28,0 - 50 | 810 |
| | 56,0 - 100 | 1309 |
| SK 9507 | 112 - 400 | 1636 |
| SK 10207 | 8,0 - 28 | 320 |
| SK 10307 | 31,5 - 200 | 400 |
| SK 10407 | 20,0 - 28 | 499 |
| | 31,5 - 56 | 810 |
| | 63,0 - 112 | 1309 |
| SK 10507 | 125 - 450 | 1636 |

| Gear Units | Nominal Ratio $i_N$ | Nominal Input Speed $n_1$ [rpm] |
|---|---|---|
| SK 11207 | 5,6 - 20 | 320 |
| SK 11307 | 31,5 - 112 | 320 |
| | 22,4 - 28 | 400 |
| SK 11407 | 12,6 - 28 | 448 |
| | 31,5 - 45 | 698 |
| | 50,0 - 71 | 1136 |
| SK 11507 | 112 - 100 | 1136 |
| | 80,0 - 400 | 1420 |
| SK 12207 | 5,6 - 20 | 250 |
| SK 12307 | 22,4 - 112 | 320 |
| SK 12407 | 12,5 - 28 | 352 |
| | 31,5 45 | 544 |
| | 50 71 | 888 |
| SK 12507 | 80,0 - 400 | 1136 |
| SK 13207 | 5,6 - 20 | 250 |
| SK 13307 | 22,4 - 112 | 320 |
| SK 13407 | 12,5 - 28 | 352 |
| | 31,5 - 45 | 544 |
| | 50,0 - 71 | 886 |
| SK 13507 | 80,0 - 400 | 1136 |
| SK 14207 | 7,1 - 25 | 240 |
| SK 14307 | 28,0 - 140 | 250 |
| SK 14407 | 14,0 - 40 | 373 |
| | 45,0 - 56 | 522 |
| | 63,0 - 90 | 851 |
| SK 14507 | 100 - 400 | 886 |
| SK 15207 | 5,6 - 20 | 220 |
| SK 15307 | 22,4 - 112 | 250 |
| SK 15407 | 12,5 - 28 | 310 |
| | 31,5 - 45 | 479 |
| | 50 - 71 | 781 |
| SK 15507 | 80,0 - 400 | 886 |

**⚠ IMPORTANT NOTE ⚠**

Please contact NORD if the motor input speed is greater than 1800 rpm or less than 1000 rpm (⇨🕮17, 45)

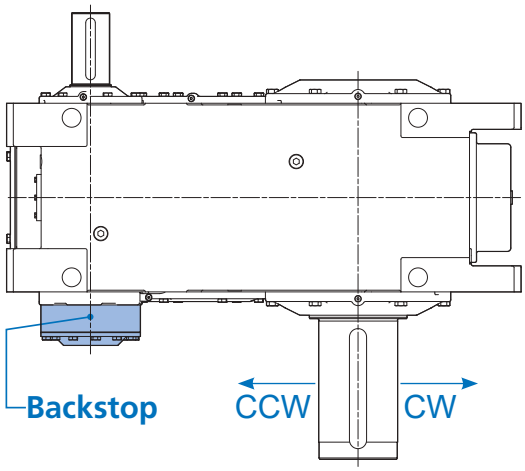


## Backstops (R) (Direction of rotation)

When ordering the backstop option, the direction of rotation must be specified. The direction of rotation is determined by looking directly at the output shaft and then specifying the desired direction of rotation.

CW = Clockwise - Clockwise direction of rotation, **Right-hand rotation**
CCW = CounteClockwise - Counter clockwise direction of rotation, **Left-hand rotation**

The position of the output shaft and the side on which the backstop is installed determine the direction of rotation. The direction of view for declaring the rotation direction is always towards the output shaft that is being specified.



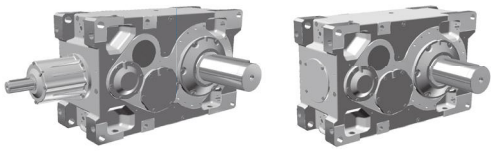

**IMPORTANT NOTE**

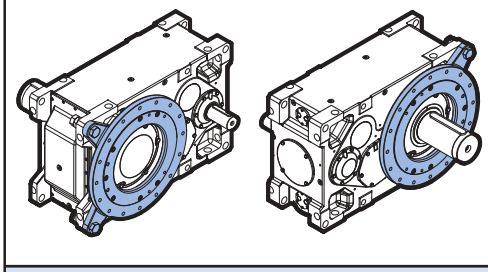
The backstops are designed for double the rated gearbox torque ($T_{2max}$) with reference to the output shaft. If greater safety ratings are required, please consult NORD.

**WARNING**

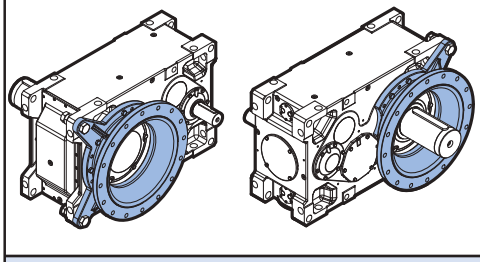
Danger of failure and distruction. Check the direction of rotation of the motor and the gearbox before starting up your application. Arrows on the gearbox indicate the direction of rotation.

# Gear Unit Options





Low output flange (F) (B14 Flange with threaded holes)



High output flange (FK) (B5 Flange with through holes)

## Output flanges (F, FK)

In addition to the six mounting surfaces of the housing, the gearbox may be equipped with various mounting flanges. The output flange is designed to accommodate mounting a gearbox with an attached motor. However, the permissible motor weights (⇨🕮 77) must not be exceeded.

Please contact us if you wish to use the mounting flange in order to attach to parts of an application process. In this case, technical clarification is essential.

The following types of output flanges are available:

- Low output flange (F)
- High output flange(FK)
- VL2 / VL3 flange (Reinforced Output Design)
- VL4 flange (Reinforced Output Design)
- VL5 extruder flange
- VL6 Housing (Reinforced Output Design)

### Low Output Flange (F)

The F option is a B14 output flange for the connection to customers application. It is used if threaded holes are requested.

### High Output Flange (FK)

The option FK is a B5 output flange for the connection to customers application. It is used if through holes are requested.

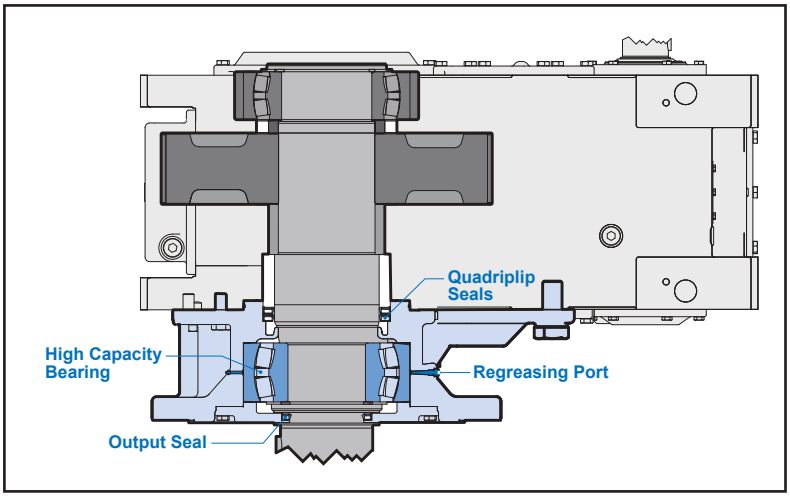
## Reinforced output design (VL2 / VL3 / VL4 / VL6)

The reinforced output design is specifically designed for high radial loads as well as keeping the bearing cavity dry and without contamination. There are different levels of protection that NORD offers.

### Spread Bearing Design (VL2)

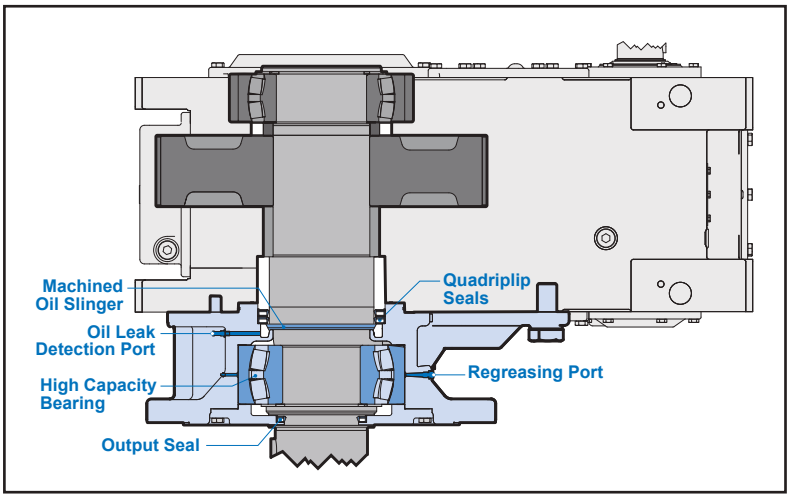
The VL2 option is specifically designed for agitator or mixer applications requiring increased bearing load carrying capacities.

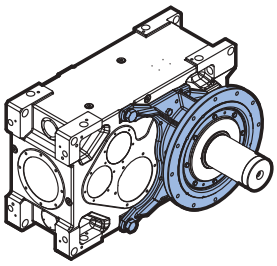
NORD offers reinforced output shaft bearings with increased bearing distance. the lower bearing is a oversized, double row spherical bearing, which absorbs high overhung and thrust loads, while providing a longer bearing service life. The spherical roller bearing is especially useful in compensating for alignment errors in long agitator shafts. Included with the VL2 design is a grease fitting for the lower bearing and a removeable plug to allow excess grease to purge from the bearing cavity.



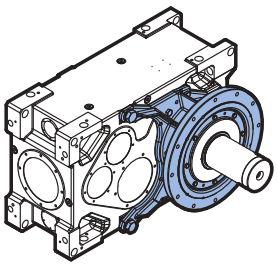

### Spread Bearing Design with Oil Safe Dry Cavity (VL3)

The VL3 dry cavity design adds additional oil leak protective measures to the VL2 spread bearing design. If in any case oil does leak past the reducer seals, it would flow down to the oil slinger mounted onto the shaft. As the shaft rotates, the oil will sling off into the dry cavity and is detected by an oil sensor.



Spread Bearing Design (VL2)



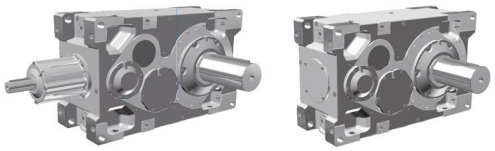
Spread Bearing Design with oil safe dry cavity (VL3

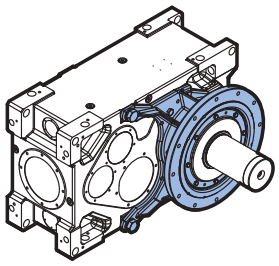
**IMPORTANT NOTE**

Calculation of the bearing life on request.

**For bearing life calculation we require the following data:**

| | | |
|---|---|---|
| $P_1$ | Input power | [kW/Hp] |
| $n_2$ | Output speed | [rpm] |
| $F_A$ | Axial force (thrust) | [kN/lb] |
| $F_R$ | Radial force | [kN/lb] |
| | Distance of the point of action of the radial force from the flange support | [mm] |
| | Required bearing life | [mm] |

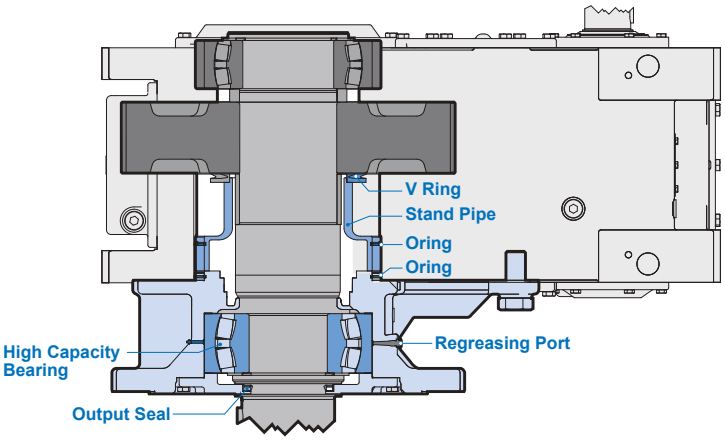


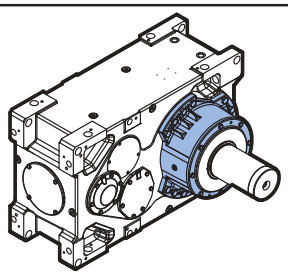


Spread Bearing Design with Drywell (VL4)

## Spread Bearing Design with „Drywell“ (VL4)

The VL4 Drywell design adds additional oil leak protective measures to the VL3 design. The quadrilip seals are replaced with a standpipe that has additional sealing that includes a V-ring seal and multiple O ring seals. All of the additional benefits included in the VL3 option are also included in this design.

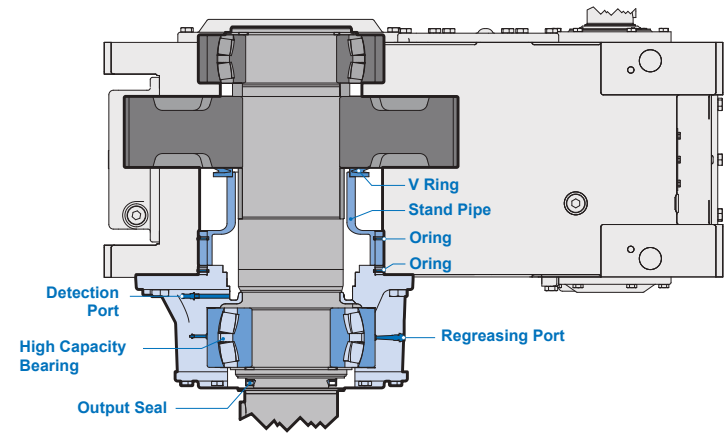


Spread Bearing Design, with Drywell, without Flange (VL6)

## Spread Bearing Design with „Drywell“ without flange (VL6)

The VL6 otion includes all of the internal VL4 design elements but is housed by a bolt on non-flanged cover:

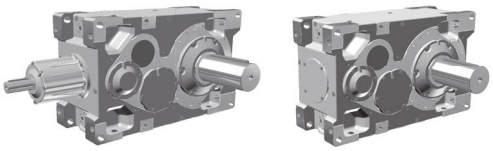



**⚠ IMPORTANT NOTE ⚠**

Calculation of the bearing life on request.

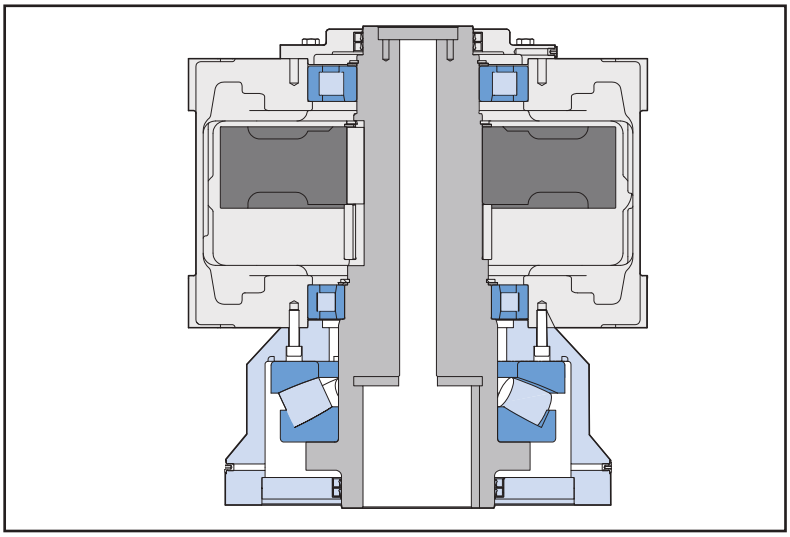
**For bearing life calculation we require the following data:**

| | | |
|---|---|---|
| $P_1$ | Input power | [kW/hp] |
| $n_2$ | Output speed | [1/min] |
| $F_A$ | Axial force (thrust) | [kN/lb] |
| $F_R$ | Radial force | [kN/lb] |
| | Distance of the point of action of the radial force from the flange support | [mm] |
| | Required bearing life | [mm] |



## Extruder flange with axial thrust bearings (VL5)

The VL5 extruder design combines customer-specific flange and hollow shaft dimensions and tolerances with 2 or 3 different standardised axial bearing dimensions per size in order to economically cater for the specific requirements of the application.



This option is available in 7 different sizes for torque ranges between 15 and 75 kNm (MAXXDRIVE sizes SK 5.07 - SK 11.07).

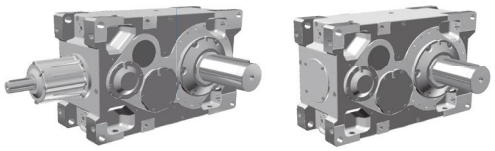
We require the following data for the selection of the most suitable set of bearings:

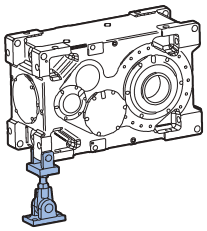
- Axial force or diameter and pressure
- Output speed
- Flange dimensions (hole pattern, centring collar)
- Output shaft dimensions
- Expected service live (primarily for axial bearings)

**Note:**

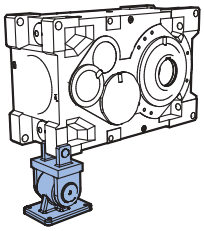
All the aforementioned flange variants are also available with taper roller bearings (KL2 - KL4, KL6). The selection is made according to the specific conditions of the application..

# Gear Unit Options

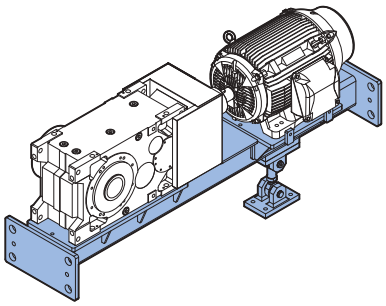




Standard Torque Support (D)



Elastic Torque Support (ED)



Motor Swing Base (MS) or Base Frame (MF)

## Torque Support (D) (ED)

For shaft mounted versions of our hollow shaft gearboxes, torque supports are available. In addition to a simple torque support (D), NORD DRIVESYSTEMS offers a torque support with an integral elastic bushing (ED), which has better damping characteristics (vibration damping).

The torque support should be assembled on the machinery side, in order to keep the bending moment on the machinery shaft low. Loading under tension or compression and installation upwards or downwards are permissible. The torque support may only be installed closest to the input side, otherwise the permissible loading of the gear unit will be exceeded.

Preloading the torque support during installation or operation must be avoided, otherwise the life-span of the drive shaft bearings may be reduced. Torque supports are not suitable for the transmission of radial forces, therefore may only be used in direct-coupled applications that cannot transmit the specified radial forces.

**⚠ WARNING ⚠**

The output torque must be limited to the values shown in the table below. If greater torque ratings are necessary, please consult NORD.

| Gear units | $M_{2max}$ [Nm] | | $M_{2max}$ [lb-in x 1000]] | |
|---|---|---|---|---|
| | Typ D | Typ ED | Typ D | Typ ED |
| SK 5.07 | 15.000 | 15.000 | 133 | 133 |
| SK 6.07 | 20.000 | 20.000 | 177 | 177 |
| SK 7.07 | 25.000 | 23.500 | 221 | 208 |
| SK 8.07 | 31.000 | 25.000 | 274 | 221 |
| SK 9.07 | 40.000 | 42.000 | 354 | 372 |
| SK 10.07 | 41.000 | 46.500 | 363 | 412 |
| SK 11.07 | 66.000 | 66.000 | 584 | 584 |
| SK 12.07 | 101.000 | 74.000 | 894 | 655 |
| SK 13.07 | 131.000 | 150.000 | 1,159 | 1,328 |
| SK 14.07 | 170.000 | 190.000 | 1,505 | 1,682 |
| SK 15.07 | 240.000 | 240.000 | 2,124 | 2,124 |

## Motor Swing Base (MS)

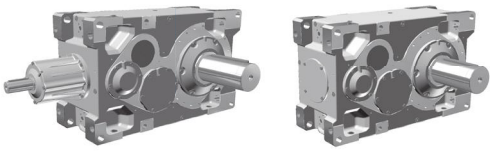
The motor swing base is designed specifically for use with right-angle shaft mounted gear unit where the gearbox and motor are mounted on a common base frame. The torque is taken up via torque support or torque reaction arm.

Optional components (can be combined):

- Elastic coupling, fluid coupling
- Drum brake, disc brake
- Radial / Axial fan
- Auxiliary drive
  (with freewheel coupling, backstop, motor brake , etc.)
- Torque support, attachment plate

## Motor Base Frame (MF)

Motor base frames (or motor bases) are similar to a motor swing base except the entire base frame is intended to be foot mounted to the supporting machine structure.



## Swing Base with Brake (MSB) & Base Frame with Brake (MFB)

A motor swing base or base frame can be supplied with an optional disc or drum brakes installed between the motor and the gear unit.

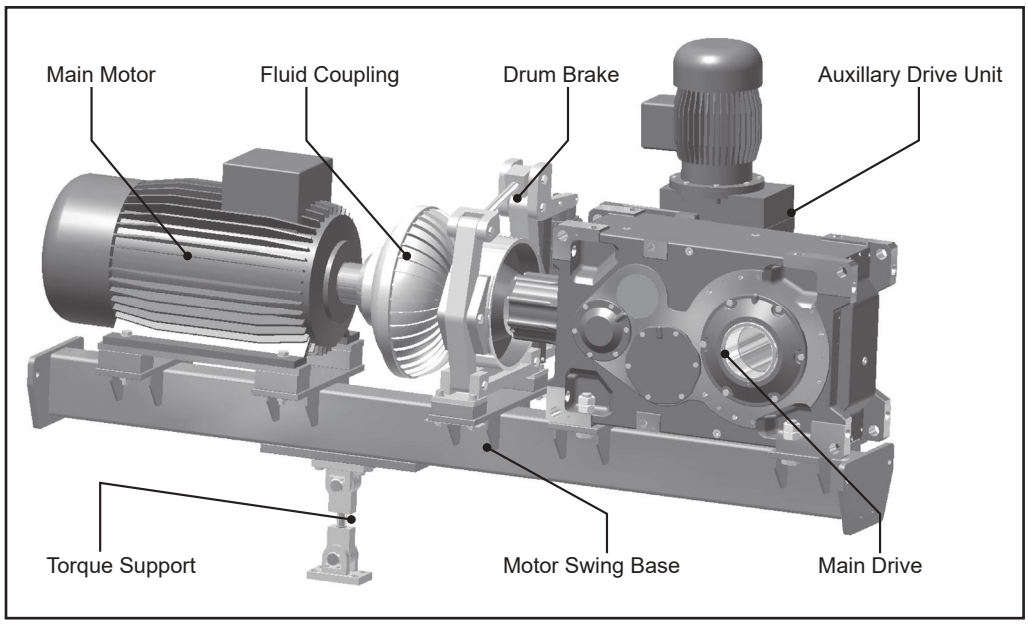
For applications with a relatively high external moment of inertia (maf > 2), as often the case with travelling drives, slewing gear, turntables, gate drives, agitators and surface ventilators, it is recommended that a brake torque be selected that is no greater than 1.2 times the nominal torque of the motor.

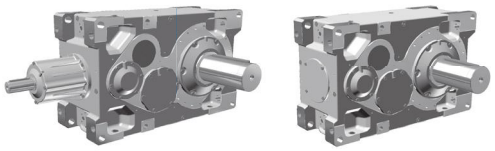
When a higher brake torque is required this must be considered in the selection of the gear unit. Please consult NORD DRIVESYSTEMS. Also contact NORD DRIVESYSTEMS if an output-side brake is necessary.

## Motor Swing Base and Motor Base Options (MSK, MST, MFK, MFT)

Both the motor swing base and the motor base are commonly supplied with either an elastic input coupling or a fluid coupling. In addition, many drive packages require a brake between the motor and the input-side of the reducer. The most common motor swing base or motor base options may be specified as follows:

| Description | Option Code |
|---|---|
| Swing base with elastic coupling | **MSK** |
| Motor base with elastic coupling | **MFK** |
| Swing base with elastic coupling and brake | **MSKB** |
| Motor base with elastic coupling and brake | **MFKB** |
| Swing base with fluid coupling | **MST** |
| Motor base with fluid coupling | **MFT** |
| Swing base with fluid coupling and brake | **MSTB** |
| Motor base with fluid coupling and brake | **MFTB** |





## Couplings (input and output)

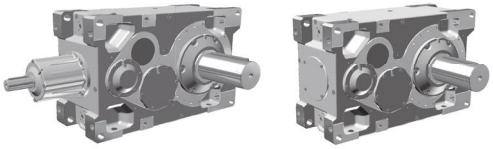
Upon request, NORD DRIVESYSTEMS can provide a variety of coupling types and styles. In addition to various flexible, fail-safe couplings (Jaw coupling: e.g Rotex, Polynorm / Bolt coupling: e.g. Revolex KX-D) soft-start couplings (fluid couplings), and safety couplings (e.g. Autogard) can be supplied. As output couplings, short length elastic fail-safe bolt couplings can be supplied, as well as gear couplings which can also span greater distances. Please contact us if you have special requirements for input or output couplings.

- Common input couplings include: flexible, jaw-style, fluid couplings (to help control start-up), safety couplings or torque-overload couplings.
- Common output couplings include: elastic bolt couplings (for shorter span lengths), flange couplings or gear couplings (for larger span lengths).

## Brakes

For motor swing bases and base frames optional disc or drum brakes are available, which can be installed between the motor and the gear unit. However, there is also the possibility of installing the disc brake on the free end of an input shaft. For applications with a relatively high external moment of inertia (maf > 2), such as is often the case with travelling drives, slewing gear, turntables, gate drives, agitators and surface ventilators it is recommended that a brake torque is selected, which is no greater than 1.2 times the nominal torque of the motor.

If higher brake torques are to be used, this should be taken into account in the selection of the gear unit. In this case, please contact us. Please contact us if output brakes are necessary. (Disc brakes, drum brakes)



## Input Flange (F1)

Gear units with input flange and solid-shaft input can be supplied to allow for additional drive components to be attached to the input (high speed) side of the reducer. It is possible to use the input flange to install an accessory such as a disc brake or a torque overload or to install an additional gear reduction mechanism to the main reducer.

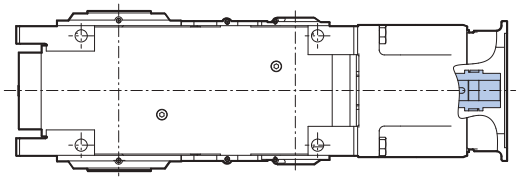
## Direct motor attachments & IEC / NEMA adapters

Input adapters according to NEMA/IEC and Transnorm standards can be supplied. The maximum input power stated in the power and ratio tables cannot be exceeded.

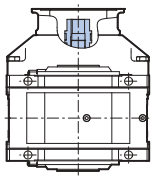
For higher speeds than those stated in the power and ratio tables, special measures may be necessary. In these situations please contact NORD DRIVESYSTEMS Gear.

## Motor attached to IEC / NEMA adapter cylinders with an elastic coupling

Right Angle Drives



Parallel Drives



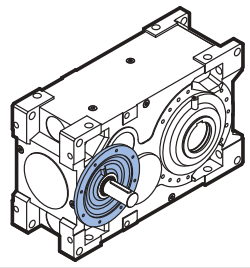
| Maximum permissible motor weight paired with an elastic coupling according to size | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IEC | 100 | 112 | 132 | 160 | 180 | 200 | 225 | 250 | 280 | 315 |
| NEMA | 143/145 TC | 182/184 TC | 213/215 TC | 254/256 TC | 284/286 TC | 324/326 TC | 364/365 TC | 404/405 TC | 444/445 C | 447/449 TC |
| lb | 130 | 180 | 220 | 440 | 550 | 770 | 1100 | 1540 | 2200 | 3310 |
| kg | 60 | 80 | 100 | 200 | 250 | 350 | 500 | 700 | 1000 | 1500 |
| „X“ [mm] | 190 | 175 | 190 | 250 | 300 | 330 | 380 | 400 | 465 | 610 |

**If the centroidal distance is larger than "X", the maximum permissible weight must be linearly reduced. The maximum weight cannot be increased, even if the "X" d mension is smaller. Please refer to illustration on the right.**

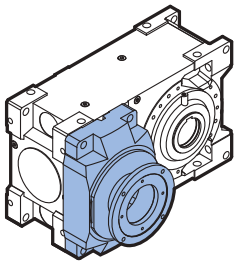
**If the motor weight is greater than the gearbox weight please contact NORD.**

## Motor Scoop (MC)

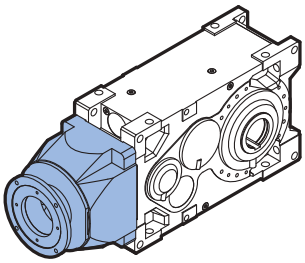
The motor scoop provides a “soft” mounting” for a standard NEMA T-frame or IEC B3 footed motor. The motor bracket or scoop is mounted to the gear unit in a cantilevered fashion to allow direct-coupling of the motor to the reducer’s input shaft. Motor scoops can have the tendency to deflect or twist during reducer operation and in some cases vibrations may result that exceed those considered acceptable for rigid “hard” mounted machinery. The motor size, weight, location, and starting torque all need to be considered in order to provide an adequate design.



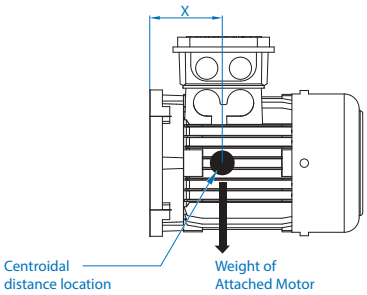
Input Flange (F1)



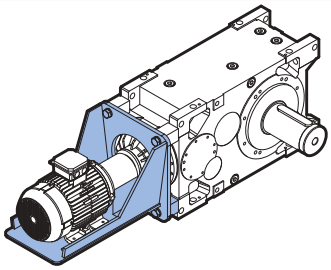
Parallel Gear Unit and NEMA / IEC



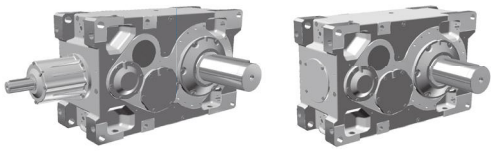
Right-Angle Gear Unit and NEMA / IEC




Definition of center of gravity distance "X"



Motor Scoop (MC)



## Motor Bracket (MT)

The motor bracket provides a convenient way to mount a standard NEMA T-frame or IEC B3 footed motor with belt drive to the reducer. Often the motor bracket is mounted “over-the-top” of the reducer and referred to as a “top-mount” or “piggyback” motor bracket.

The motor is belt driven to the reducer input shaft using pulleys mounted to both the motor shaft and the reducer shaft. When mounted to the gear unit, the entire assembly is adjustable in order to allow proper tensioning of the external belt drive assembly. The motor bracket can be used when installation space is restricted or it may be used to change the total ratio of the mechanical drive assembly. The belt-pulley drive arrangement can be used as a safety element, as it reacts to overload by slipping. Factory consultation is necessary if one intends to use the belt-pulley drive as a safety device.

## Auxiliary drives (WX)

The auxiliary drive or inching drive is available to allow for the inspection and maintenance of belts and buckets and to allow for slow speed operation of conveyors or elevators that operate in cold-weather. The auxiliary drive should be equipped with a brake or brake motor in order to prevent unintended rotation or back driving. NORD uses auxiliary motors according IE3 standard.

The auxiliary drive is flange-mounted to the side face of the main right angle reducer, typically opposite the low speed shaft, using an intermediate flange and shaft connection. The connection between the main drive and the auxiliary drive is assembled with an over running clutch. During normal operation of the main drive, the clutch is disengaged. When it becomes necessary to operate the system at slow speed or “inch” the main reducer, the main motor is stopped and auxiliary motor and reducer engage the main drive through the overrunning clutch connection.

All auxiliary drives are equipped with proximity switch (induction) at auxiliary shaft as a standard for safety reasons. The sensor has to be wired accordingly to the machinery control. Main gear unit and auxiliary drive have separate oil chambers; the auxiliary drive always delivered with oil.

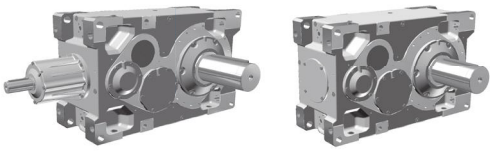
### Following options are available:

- drive system without backstop
- backstop as part of the main drive (to prevent reverse rotation of the system)
- backstop as part of the auxiliary drive (to prevent reverse rotation of the system)
- brake motor as part of the auxiliary drive (to prevent reverse rotation of the system - has to be connected via machinery control)

## Monitoring devices and sensors (MO)

The following monitoring devices are also available as options. Please contact us for detailed information about any of the oprtions listed below.

- Oil sight glass
- Oil level glass
- Oil dip-stick
- Pt100 (Temperature)
- PTC thermistor (Temeperature)
- Bimetal switch (Temperature)
- Particle counter (oil)
- Water content (oil)
- Electrical contamination indicator for oil filter



## Paint Coatings

NORD has a variety of paint coating options available in order to protect your investment regardless of the application's environment. Please refer to the table below for details:

**MAXXDRIVE™ Paint Coating Options**

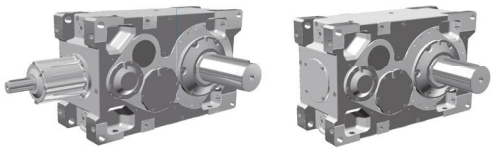
| Coating / Field of Application | Class** | Structure | Coating Thickness* |
|---|---|---|---|
| **Basic**<br>**Basic+**<br>Indoor installation.<br>*Previously F2* | C2 | A<br>T<br>D | 50 - 90 µm |
| **NORD Severe Duty 2**<br>**NORD Severe Duty 2+**<br>Indoor installation and protected outdoor installation (i.e. open, unheated halls).<br>*Previously F3.0* | C2 | A<br>T<br>P<br>D | 110 - 150 µm |
| **NORD Severe Duty 3**<br>**NORD Severe Duty 3+**<br>Outdoor installation, city, and industrial atmosphere with low contamination.<br>*Previously F3.1* | C3 | A<br>(2x) T<br>P<br>D | 160 - 200 µm |
| **NORD Severe Chem Duty 3**<br>Normal chemical contamination.<br>*Previously F3.4* | C3 | T<br>E<br>D | 100 - 140 µm |
| **NORD Severe Food Duty 3**<br>**NORD Severe Food Duty 3+**<br>Food packaging areas.<br>*Previously F3.5* | C3 | A<br>T<br>E<br>D | 100 - 140 µm |
| **NORD Severe Duty 4**<br>**NORD Severe Duty 4+**<br>Outdoor installation, city, and industrial atmosphere with moderate contamination.<br>*Previously F3.2* | C4 | A<br>(2x) T<br>(2x) P<br>D | 220 - 260 µm |
| **NORD Severe Duty 5**<br>**NORD Severe Duty 5+**<br>Outdoor installation, city, and industrial atmosphere with high contamination.<br>*Previously F3.3* | C5 | A<br>(2x) T<br>(2x) E<br>D | 200 - 240 µm |

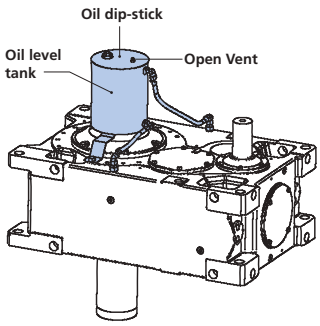
| | | | |
|---|---|---|---|
| **A** | Optional cleat lacquer coating (+ versions)<br>Coating Thickness + 25 µm | **T** | 2-Component Polyurethane Top Coat |
| | | **E** | 2-Component EP Zinc Phosphate Primer |
| **Z** | Levelling of contour recesses and gaps with polyurethane-based sealant possible for NSD2, NSD3 and NSD4<br>Included in NSD5 | **P** | 2-Component Polyurethane Primer |
| | | **D** | Single Component Dip Primer<br>(for cast-iron units only) |

***Comparable to DIN EN ISO 12944-2 classification of ambient conditions*

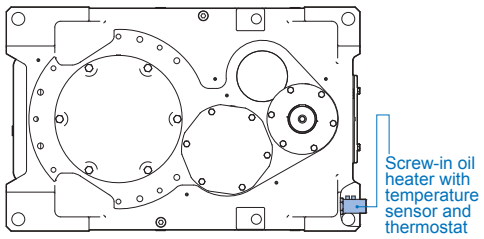
**Protocol of the coating thickness based on ISO 19840 available on request.*

# Thermal Options






Oil Tank (OT)




Oil Heater (OH)

## Oil Tank (OT)

Sometimes the gearbox must be completely filled with oil in order to prevent excessive foaming and aeration while also preventing excessive pressure build-up or a critical loss in oil volume through the air vent or shaft seals. The oil tank must be located above the gear unit. Even at non-operating ambient conditions, a small amount of oil should be visible in the bottom of the oil reservoir. During operation, all critical bearing and gear areas are submersed in oil, especially the high-speed gear set. This prevents oil foaming.

The oil tank is vented and includes two flexible oil hoses that are connected to the gear unit in order to assure proper ventilation and passive oil circulation. Prior to start-up the oil level must be topped off and checked using the oil level dipstick that is part of the oil tank.

**⚠ IMPORTANT NOTE ⚠**

When the following conditions exist consult NORD in order to determine if an Oil Tank (OT) option is needed:

- Parallel shaft unit with motor or input shaft vertical-up (M5 or M6 mounting position)

If a vertical mounting position is also required please reference the vertical mounting information found on page ⇨🕮 10

## Oil heater (OH)

In case the ambient temperature is lower than what is permissible, the gear oil must be heated prior to a cold start, in order to ensure an adequate supply of lubricant. For these conditions, an oil heating cartridge may be installed into the gearbox.

The oil heater has both a temperature sensor and a thermostat, which is pre-set. Further variations are available on request.

If pressure circulation lubrication is used, the operational viscosity of the gear oil on start-up must be below 1800 cSt. For ISO-VG220 this corresponds to a temperature of at least (50°F) 10°C for mineral oil, and a temperature of at least (32°F) 0°C for synthetic oil. Below this range an oil heater must be used.

**⚠ WARNING ⚠**

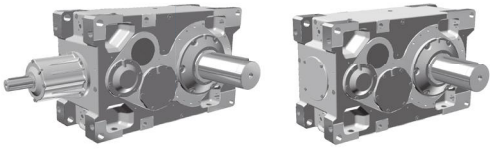
The oil heater must be fully immersed in the oil bath in order to prevent damage. Please contact NORD if there is a need for an oil heater to be used in combination with pressure forced lubrication. (LC/LCX) More info on page ⇨🕮 82.

### Oil Heater Compatibility

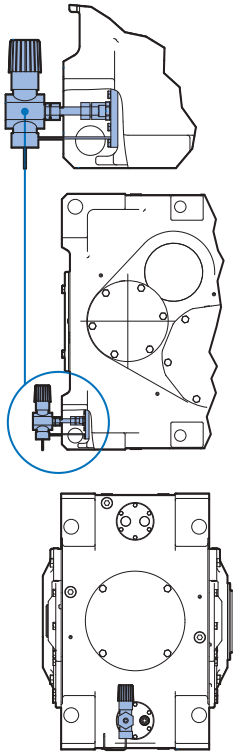
| | Heating power for M1 and M3 mounting | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 340 W | 380 W | 470 W | 590 W | 760 W | 870 W | 1030 W | 1410 W |
| SK 5.07 | M1/M3 * | | | | | | | |
| SK 6.07 | M1/M3 * | | | | | | | |
| SK 7.07 | | M1/M3 * | | | | | | |
| SK 8.07 | | M1/M3 * | | | | | | |
| SK 9.07 | | | M1/M3 * | | | | | |
| SK 10.07 | | | M1/M3 * | | | | | |
| SK 11.07 | | | | M1 | | | M3 | |
| SK 12.07 | | | | M1 | | | M3 | |
| SK 13.07 | | | | | M1 | | | M3 |
| SK 14.07 | | | | | M1 | | | M3 |
| SK 15.07 | | | | | | M1 | | M3 |

* In case of greater heating powers, please contact NORD DRIVESYSTEMS.

Depending on the oil level, other installation positions can often be equipped with an oil heater. Please contact NORD DRIVESYSTEMS.



## Internal Water Cooler (CC)



The internal water cooler is a cooling coil inside the gearbox, located in the oil sump, where the end user connects the coil to a suitable water supply. Two cooling coils may be installed for mounting positions M2, M4, M5, M6 and with complete oil filling on request.

With two coiling coils installed the thermal rating can be doubled.

**⚠ WARNING ⚠**

- Integrated water cooling can be used for oil splash and immersion lubrication, however, not with pressure circulation lubrication.
- The cooling element must be completely submerged in the oil bath.

As an option, mechanical and electrical solutions for controlling the flow of cooling water are available. This allows the water consumption to be regulated by the actual required cooling power.

**⚠ IMPORTANT NOTE ⚠**

Sea water-resistant integrated cooling is available on request. Consultation with NORD is necessary in case of any other aggressive cooling media.

### Connection of the Internal Water Cooler

Temperature-controlled cooling water with quantity regulation and a temperature sensor (optional).

### Operating Conditions

| | | |
|---|---|---|
| Water inlet temperature: | 68° F | 20° C |
| Oil temperature: | 221° F | 105° C |
| Ambient temperature: | 68° F (104° F) | 20° C (40° C) |
| Flow rate: | maximum: 1 - 3.2 g/min | maximum: 4 - 12 l/min |
| Pressure drop of cooling water | approx. 7.25 - 14.5 psi* | approx. 0.5 - 1 bar* |

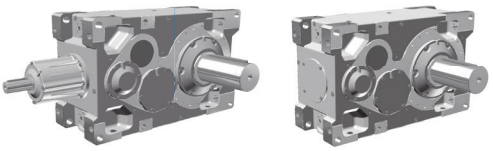
* maximum pressure of cooling water is 87psi/6 bar

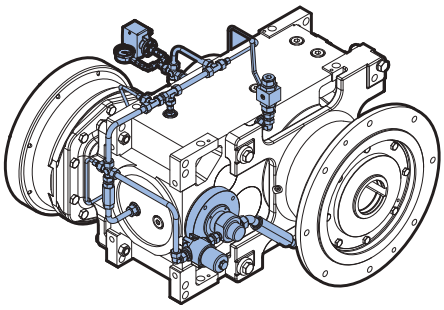
For other operating conditions, corrections to the specified thermal power limit must be taken into account.

**Optional:**
Temperature-controlled flow regulator to control the rate of water flow.

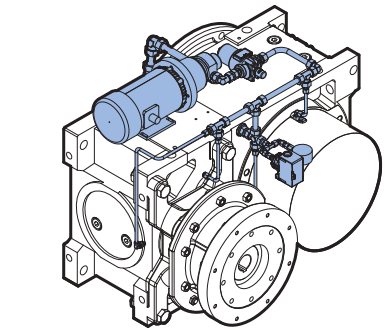
**⚠ IMPORTANT NOTE ⚠**

For low temperatures the internal water cooler may also be used as an oil heater by filling it with warm water before starting up the gearbox .





Pressure Forced Lubrication (LCX) - Shaft Driven



Pressure Forced Lubrication (LC) - Motor Driven



## Pressure Forced Lubrication (LC/LCX)

With pressure or forced lubrication, a pump (shaft driven or motorized) is provided, which allows a relatively low oil level to be maintained. The pump and oil distribution lines deliver the oil to all critical gear and bearing areas. Oil levels may be lowered, even compared to standard splash oil levels. This type of lubrication is advisable for the following operating conditions:

- When splash or bath lubrication is not possible or not thermally advantageous.
- When high input speeds are present and the speed limit for other lubrication methods are being exceeded (based on size, ratio and mounting).
- If a drywell is required with a vertical output shaft.

There are two available forced lubrications system options, LC & LCX. The LC option only forces lubrication into the bearing cavities while the LCX option provides pressurized lubrication to the bearings as well as gearing.

**⚠ *IMPORTANT NOTE* ⚠**

Consult NORD when considering either bath lubrication or pressure lubrication so that appropriate options and accessories can be recommended.

### Pressure Switch

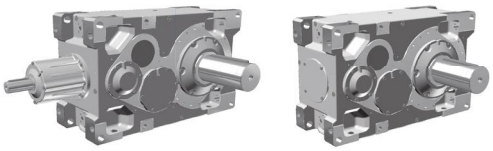
All gearboxes with a pressure lubrication are equipped as standard with a pressure switch for monitoring the pump function. The connection of the pressure switch and the evaluation of the signal are carried out by operator. The pressure switch signal has to be handled after the oil pump building up pressure. During start-up, a brief period of low pressure is allowed while the pump is building pressure.

The pressure switch is an electrical switch for monitoring of the lubrication pressure at gear units with pressure lubrication. If the preset pressure is undercut, the applied electric signal will be interrupted by the pressure switch which can be handled by customers monitoring system.

**⚠ *WARNING* ⚠**

To eliminate the possibility of gearbox damage due to unsufficient lubrication pressure please read and adhere to the following reccomendations:

- The pressure switch must be connected and fully functional prior to start-up
- The pressure switch may only be provided with an appropriate monitoring system



## External Cooling Units

In order to increase the thermal power capacity of the MAXXDRIVE™ gear unit, NORD has standard oil cooling/lubricating systems designed. These designs are readily available and offer a good price/performance ratio. The basic elements consist of a circulating oil pump and heat exchanger mounted on a mounting platform or base. An optional oil filter with visual contamination indicator is also recommended in most all cases.

If other forms of reducer cooling (convection, shaft fan, water cooler, etc.) are not sufficient or not desired a standard oil cooler option can be supplied. Nord offers oil/water (CS1) and oil/air (CS2) oil coolers with a variety of optional accessories.

**Optional accessories:**

- Thermometer.
- Pressure switch.
- Manometer.
- Optical status monitoring.
- Electrical status monitoring.
- Oil Filter.
- Filter with bypass.
- Particle counter.

**Standard operating parameters:**

- Water temperature (if applicable): 20°C (68°F)
- Maximum oil temperature: 105°C (225°F).
- Ambient temperature: 20°C (68°F) or 40°C (104°F).

Please consult NORD if there are additional cooling system requirements or requests.

## Determining the Required Oil Cooler Size

There are two methods of determining the required oil cooler size, depending upon whether the oil cooler must provide all the cooling capacity for the gear unit or whether the oil cooler provides supplemental cooling.

### Method 1 – Oil Cooler Provides All the Cooling Capacity

**1. Determine the required oil cooling power as follows:**

$$P_{CS} = P_1 \cdot (1-\eta_N)$$

$P_{CS}$ = The required cooling power of the oil cooling system
$P_1$ = Installed motor power or required input power to the gear unit
$\eta_N$ = Nominal gear reducer efficiency (in decimal form)

**2. Select an oil cooler by applying the following criteria:**

$$Q_{CS} \geq P_{CS} \cdot (1-\eta_N)$$

$Q_{CS}$ = The cooling power capacity of the selected oil cooling system
$P_{CS}$ = Required cooling power of the oil cooling system
$\eta_N$ = Nominal gear reducer efficiency

### Method 2 – Oil Cooler Provides Additional/Supplemental Cooling Capacity

**1. Determine the required oil cooling power as follows:**

$$P_{CS} = (P_1-P_{wg}) \cdot (1-\eta_N)$$

$P_{CS}$ = The required cooling power of the oil cooling system
$P_1$ = Installed motor power or required input power to the gear unit
$P_{wg}$ = Calculated thermal power capacity with an additional cooling method (⇨📖 27)
$\eta_N$ = Nominal gear reducer efficiency (in decimal form)

**2. Select an oil cooler by applying the following criteria:**

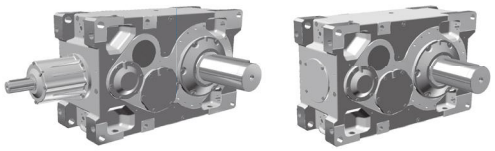
$$Q_{CS} \geq P_{CS} \cdot (1-\eta_N)$$

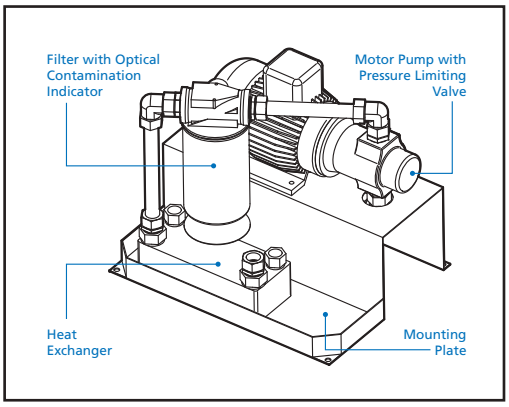
$Q_{CS}$ = The cooling power capacity of the selected oil cooling system
$P_{CS}$ = Required cooling power of the oil cooling system
$\eta_N$ = Nominal gear reducer efficiency

**⚠ *IMPORTANT NOTE* ⚠**

The oil cooler thermal power limits shown in the respective tables are based upon standard installation and operating conditions (⇨📖 17) for the case when the oil cooler must provide all the cooling capacity for the gear unit.

# Thermal Options






## External oil / water cooler (CS1)

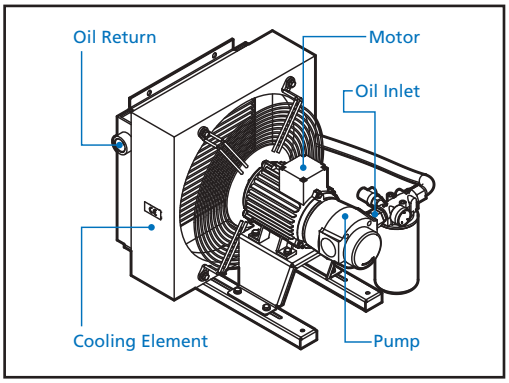
The oil/water cooling system is available with all gear units and is delivered seperately and mounted by the customer. NORD supplies a pair of 2m flexible hoses for connection to the gearbox and the cooling system. Upon request, NORD DRIVESYSTEMS is able to mount the cooling system onto any mounting surface for the customer and the oil filter would need to be rotated into a suitable position upon delivery.

**⚠ *IMPORTANT NOTE* ⚠**

Additional measuring devices for the cooling system are available upon request.

### CS1 Cooler Specifications

| CS1 Oil Cooler Size | Cooling Power $Q_{CS}$ | | Water Flow Rate $V_W$ | | Oil Flow Rate $V_{OI}$ | | Water Inlet Temp. $t_{W.ein}$ | | Pump Motor Power | |
|---|---|---|---|---|---|---|---|---|---|---|
| [-] | [kW] | [hp] | [l/min] | [gpm] | [l/min] | [gpm] | [°C] | [°F] | [kW] | [hp] |
| A | 3,0 | 4,02 | 5 | 1,32 | 11 | 2,91 | 20 | 68 | 0,55 | 0,74 |
| B | 7,0 | 9,39 | 10 | 2,64 | 22 | 5,81 | 20 | 68 | 1,5 | 2,01 |
| C | 10,5 | 14,08 | 10 | 2,64 | 22 | 5,81 | 20 | 68 | 1,5 | 2,01 |
| D | 13,0 | 17,43 | 10 | 5,28 | 44 | 11,62 | 20 | 68 | 1,5 | 2,01 |
| E | 16,5 | 22,13 | 20 | 5,28 | 44 | 11,62 | 20 | 68 | 1,5 | 2,01 |
| F | 23,0 | 30,84 | 20 | 5,28 | 44 | 11,62 | 20 | 68 | 1,5 | 2,01 |
| G | 31,5 | 42,24 | 40 | 10,57 | 87 | 22,98 | 20 | 68 | 3,0 | 4,02 |
| H | 50,0 | 67,05 | 40 | 10,57 | 87 | 22,98 | 20 | 68 | 3,0 | 4,02 |




## External oil / air cooler (CS2)

Icooling water is not available and other forms of cooling (convection, fan, etc.) are not sufficient or desired, an oil/air cooler can be supplied. The oil/air cooling system is available for all gear units and is delivered by NORD DRIVESYSTEMS seperately and mounted by the customer.

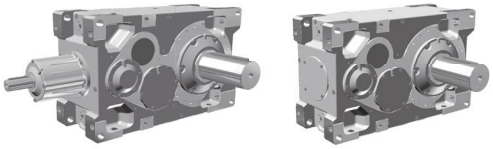
NORD DRIVESYSTEMS supplies a pair of 2m flexible hoses for connection to the gearbox and the cooling system. Upon request, NORD is able to mount the cooling system onto any mounting surface in a horizontal mounting orientation before delivery.

### CS2 Cooler Specifications 50Hz

| CS2 Oil Cooler Size | Cooling Power at ΔT=40K $Q_{CS}$ | | Oil Flow Rate $V_W$ | | Pump Motor Power | |
|---|---|---|---|---|---|---|
| - | [kW] | [hp] | [l/min] | [gpm] | [kW] | [hp] |
| **AA** | 2,8 | 3,75 | 5,5 | 1,45 | 0,75 | 1,0 |
| **A** | 5,7 | 7,64 | 7,1 | 1,88 | 0,75 | 1,0 |
| **B** | 8,4 | 11,26 | 16,9 | 4,46 | 0,75 | 1,0 |
| **C** | 10,6 | 14,20 | 21,6 | 5,71 | 0,75 | 1,0 |
| **D** | 14,4 | 19,30 | 44,0 | 11,62 | 2,2 | 2,9 |
| **E** | 18,3 | 24,52 | 44,0 | 11,62 | 2,2 | 2,9 |
| **F** | 24,9 | 33,37 | 44,0 | 11,62 | 2,2 | 2,9 |
| **G** | 39,6 | 53,06 | 69,0 | 18,23 | 4,0 | 5,4 |
| **H** | 53,8 | 72,09 | 72,0 | 19,02 | 5,5 | 7,4 |

### CS2 Cooler Specifications 60Hz

| CS2 Oil Cooler Size | Cooling Power $Q_{CS}$ | | Oil Flow Rate $V_W$ | | Pump Motor Power | |
|---|---|---|---|---|---|---|
| - | [kW] | [hp] | [l/min] | [gpm] | [kW] | [hp] |
| **AA** | 2,9 | 3,89 | 6,7 | 1,77 | 0,9 | 1,2 |
| **A** | 6,6 | 8,84 | 8,8 | 2,32 | 0,9 | 1,2 |
| **B** | 9,9 | 13,27 | 21,1 | 5,57 | 0,9 | 1,2 |
| **C** | 12,1 | 16,21 | 26,4 | 6,97 | 0,9 | 1,2 |
| **D** | 16,1 | 21,57 | 53,0 | 14,00 | 2,64 | 3,5 |
| **E** | 20,2 | 27,07 | 53,0 | 14,00 | 2,64 | 3,5 |
| **F** | 28,1 | 37,65 | 53,0 | 14,00 | 2,64 | 3,5 |
| **G** | 44,5 | 59,63 | 83,0 | 21,93 | 4,8 | 6,4 |
| **H** | 63 | 84,42 | 88,0 | 23,25 | 6,6 | 8,8 |



## Gearbox Cooling Using a Fan (FAN)

Through the use of fans, the thermal power capacity of the gearbox may be increased substantially. Usually, a fan can be retrofitted to the gear unit. However this must be checked for each individual case (installation space, type of gearbox, mounting position, etc.). The fan cover provides protection against contact and guides the flow of cooling air over the gearbox housing.

### Installation conditions for fans

An adequate supply of air to the fan must be ensured, the vent grill in the fan cover must be kept clear.

### High-power radial fan (FAN)

The high power radial fan is suitable for both directions of rotation. It is the standard solution for helical gearboxes but can also used for bevel-helical gearboxes. It requires the free axial entry of air and is connected directly to the input shaft.

### High-power axial fan (FAN)

The high-power axial fan is also directly connected to the input shaft of bevel-helical gearboxes. It provides a high cooling power, but only works in one direction of rotation.

The intake of air may be supplied in a radial direction which allows a brake or a fluid-coupling to be installed directly in front of the fan (see motor swing bases). Further information is available upon request. The direction of the rotation must be specified when ordering the unit.

### High-power axial fan on swing bases (FAN)

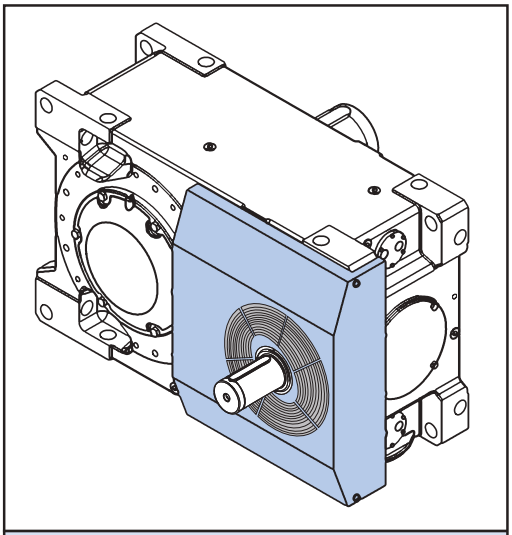
On swing bases a larger high-power axial fan is used as standard. This high-power axial fan is also directly connected to the input shaft of bevel-helical gearboxes. It provides a very high cooling power, but only works in one direction of rotation.

The intake of air may be supplied in a radial direction which allows a brake or a fluid-coupling to be installed directly in front of the fan (see motor swing bases). Further information is available upon request. The direction of the rotation must be specified when ordering the unit.

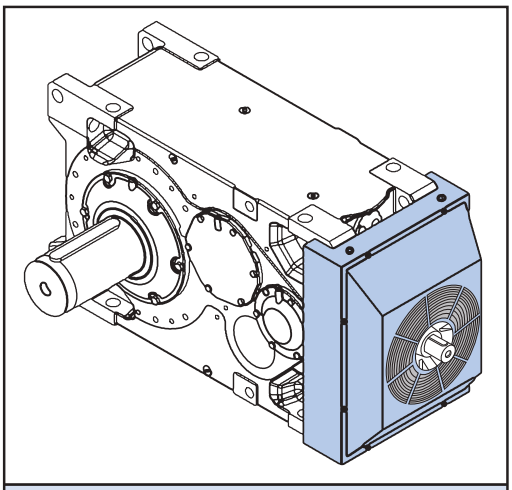
### Electric fan (FAN)

NORD supplies an option electric fan as well. This fan is switched on as required with the use of a temperature switch.

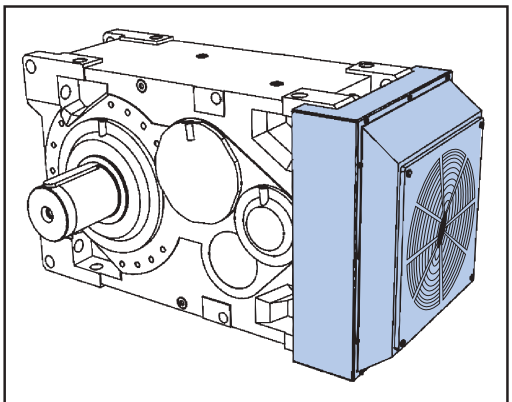
The Electric fan is only available on our parallel Maxxdrive™ gear units. The fan may be attached to both ends of the parallel gear unit. Additional information is available upon request.



Helical Gear Unit with Standard Shaft Powered Fan



Bevel Gear Unit with Standard Shaft Powered Fan

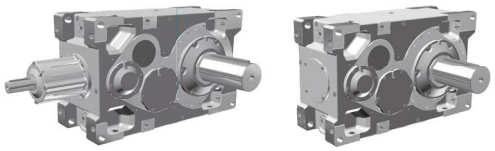


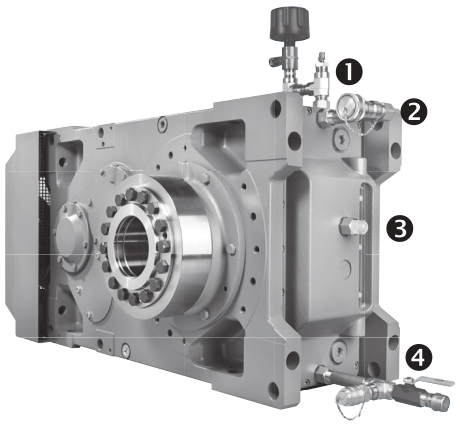
Helical Gear Unit with Electric Fan

### Adapter integrated fan (IECFAN)

Both radial and axial cooling fans are also available as IEC/NEMA motor adapter integrated versions. The adapter are equipped with appropriate openings to ensure air flow. The openings are fitted with protective grids.

# Endurance Package Option






MAXXDRIVE™ unit with Endurance Package option

## Endurance Package

NORD DRIVESYSTEMS "Endurance package" is a combination of protective features to ensure that your investment performs well for extended periods of time. Here at NORD DRIVESYSTEMS, we are consistently innovating ideas to make our products perform better in even the toughest environments.

### The Endurance Package Features:

- Donaldson T.R.A.P.™ Breather (shipped loose) ❶
- Filter Cart Quick Disconnects ❷
- Esco 3D Bullseye™ Sight Glass ❸
- Oil Sample Port ❹

DRIVESYSTEMS

# Parallel Ratings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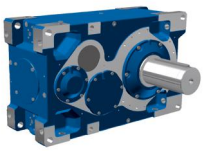
# Overview
# Ratings Tables



## Structure of the Power Ratings Tables

**Nominal Input Speed**
The actual motor speeds depend on the size of the motor, and may differ

**Nominal Output Speed**
The Nominal Input Speed divided by the Nominal Ratio

**Size of Gear Unit**

| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 8 | 1000 | 125 | 200 | 223 | 283 | 282 | 474 | 475 | 911 | 1.227 | 1.654 | 2.209 | 3.039 |
| | 1500 | 188 | 299 | 334 | 424 | 424 | 711 | 713 | 1.367 | 1.841 | 2.482 | 3.314 | 4.559 |
| | 1200 | 150 | 240 | 267 | 339 | 339 | 568 | 570 | 1.094 | 1.473 | 1.985 | 2.651 | 3.647 |
| | 1800 | 225 | 359 | 401 | 509 | 508 | 853 | 855 | 1.640 | 2.209 | 2.978 | 3.977 | 5.470 |

**Nominal Ratio**
Sized according to Standard Series

**Nominal Output Power**
with Service Factor ($f_B$) = 1,0

## Structure of the Torque Rating Tables

**Size of Gear Unit**

| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| 22,4 | 15 | 20 | 24 | 29 | 40 | 46 | 74 | 109 | 151 | 190 | 270 |
| 25 | 15 | 20 | 24 | 29 | 40 | 47 | 76 | 109 | 151 | 190 | 273 |

**Nominal Ratio**
Sized according to Standard Series

**SK ..207 Units**
Units shaded this color are Two Stage Units

**Nominal Output Torque**
with Service Factor ($f_B$) = 1,0

**SK ..307 Units**
Units shaded this color are Three Stage Units

## Structure of the Inertia Tables

**Size of Gear Unit**

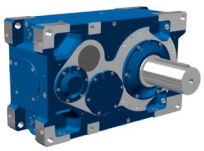
| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Moments of Inertia | | | | | | | | | | |
| $i_N$ | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² |
| 22,4 | 0,014 | 0,021 | 0,026 | 0,040 | 0,066 | 0,097 | 0,266 | 0,441 | 0,715 | 0,843 | 1,940 |
| 25 | 0,014 | 0,015 | 0,026 | 0,028 | 0,065 | 0,070 | 0,223 | 0,365 | 0,600 | 0,820 | 1,620 |

**Nominal Ratio**
Sized according to Standard Series

**SK ..207 Units**
Units shaded this color are Two Stage Units

**Moment of Inertia**
Relative to the Input Shaft

**SK ..307 Units**
Units shaded this color are Three Stage Units



## Structure of the Exact Ratio Tables

Size of Gear Unit

| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Exact Ratio | | | | | | | | | | |
| $i_N$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ |
| 22,4 | 22,78 | 21,65 | 23,05 | 21,72 | 23,31 | 22,38 | 22,32 | 22,13 | 21,90 | 22,66 | 21,84 |
| 25 | 24,89 | 25,28 | 25,34 | 26,26 | 25,63 | 26,26 | 26,09 | 25,87 | 25,92 | 24,44 | 25,54 |

**Nominal Ratio**
Sized according to Standard Series

**SK ..207 Units**
Units shaded this color are Two Stage Units

**Exact Ratio**

**SK ..307 Units**
Units shaded this color are Three Stage Units

## Structure of the Thermal Rating Tables

1) 2) (see explanation below)

Size of Gear Unit

| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 8 | --- | $Pt_{0.20}$ | 142 | 179 | 200 | 216 | 268 | 344 | 317 | 321 | 401 | 394 | 313 |
| | FAN | $P_{tF.20}$ | 69 | 78 | 87 | 82 | 121 | 130 | 140 | 185 | 224 | 294 | 344 |
| | CC | $P_{tC.20}$ | 150 | 164 | 171 | 156 | 182 | 192 | 462 | 671 | 920 | 1.054 | 1.112 |

**Nominal Ratio**
Sized according to Standard Series

**Cooling Type**
--- : No Additional Cooling
FAN : Built in Fan Cooling
CC : Integrated Water Cooling

**Thermal Power Limit** 1) 2)
Without any additional thermal cooling at Ambient Temp.

**Additional Thermal Power Limit** 1) 2)
With Built in Fan at Ambient Temperature with nominal speed

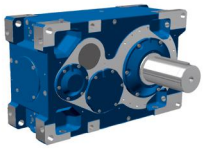
**Additional Thermal Power Limit**
With Integrated Water Cooling at Ambient Temperature

### 1) Standard ambient conditions

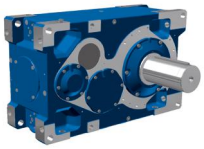
| | |
|---|---|
| Ambient temperature: | 20°C (68°F) or 40°C (104°F) |
| Air circulation at installation location | large hall with good air circulation ($v_L$ = 4,92 ft/s or 1,5 m/s) |
| Installation: | Foundation steel sub-construction |
| Installation altitude: | ≤ 1000 m (3280 ft) above sea level |
| Installation position | Horizontal installation (M1 for 2-stage or M3 for 3 stage) |
| Type of lubrication: | Immersion lubrication<br>Oel splash lubrication with PAO VG 220 |
| Cooling water inlet temperature | 20°C (68°F) or 40°C (104°F) |

2) For Ratings at different temperatures please contact NORD DRIVESYSTEMS.

# Nominal Power Ratings

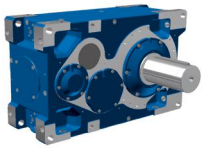


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5.6 | 1000 | 179 | --- | --- | --- | --- | --- | --- | 1.084 | 1.466 | 1.926 | --- | 3.345 |
| | 1500 | 268 | --- | --- | --- | --- | --- | --- | 1.626 | 2.199 | 2.888 | --- | 5.018 |
| | 1200 | 214 | --- | --- | --- | --- | --- | --- | 1.301 | 1.759 | 2.311 | --- | 4.014 |
| | 1800 | 321 | --- | --- | --- | --- | --- | --- | 1.951 | 2.639 | 3.466 | --- | 6.022 |
| 6.3 | 1000 | 159 | --- | --- | --- | --- | --- | --- | 1.085 | 1.446 | 1.905 | --- | 3.344 |
| | 1500 | 238 | --- | --- | --- | --- | --- | --- | 1.627 | 2.169 | 2.857 | --- | 5.016 |
| | 1200 | 190 | --- | --- | --- | --- | --- | --- | 1.301 | 1.735 | 2.286 | --- | 4.013 |
| | 1800 | 286 | --- | --- | --- | --- | --- | --- | 1.952 | 2.603 | 3.429 | --- | 6.019 |
| 7.1 | 1000 | 141 | 218 | --- | 282 | --- | 477 | --- | 983 | 1.281 | 1.719 | 2.325 | 3.037 |
| | 1500 | 211 | 327 | --- | 422 | --- | 716 | --- | 1.475 | 1.922 | 2.578 | 3.488 | 4.556 |
| | 1200 | 169 | 262 | --- | 338 | --- | 573 | --- | 1.180 | 1.538 | 2.062 | 2.791 | 3.644 |
| | 1800 | 254 | 393 | --- | 507 | --- | 859 | --- | 1.770 | 2.306 | 3.094 | 4.186 | 5.467 |
| 8 | 1000 | 125 | 200 | 223 | 283 | 282 | 474 | 475 | 911 | 1.227 | 1.654 | 2.209 | 3.039 |
| | 1500 | 188 | 299 | 334 | 424 | 424 | 711 | 713 | 1.367 | 1.841 | 2.482 | 3.314 | 4.559 |
| | 1200 | 150 | 240 | 267 | 339 | 339 | 568 | 570 | 1.094 | 1.473 | 1.985 | 2.651 | 3.647 |
| | 1800 | 225 | 359 | 401 | 509 | 508 | 853 | 855 | 1.640 | 2.209 | 2.978 | 3.977 | 5.470 |
| 9 | 1000 | 111 | 170 | 214 | 262 | 284 | 426 | 475 | 798 | 1.110 | 1.469 | 1.952 | 2.746 |
| | 1500 | 167 | 255 | 321 | 393 | 426 | 639 | 712 | 1.197 | 1.666 | 2.204 | 2.928 | 4.119 |
| | 1200 | 133 | 204 | 257 | 314 | 341 | 511 | 570 | 958 | 1.333 | 1.763 | 2.343 | 3.295 |
| | 1800 | 200 | 306 | 385 | 472 | 511 | 767 | 855 | 1.436 | 1.999 | 2.645 | 3.514 | 4.943 |
| 10 | 1000 | 100 | 155 | 191 | 241 | 266 | 392 | 441 | 734 | 1.055 | 1.399 | 1.853 | 2.571 |
| | 1500 | 150 | 233 | 286 | 362 | 398 | 587 | 662 | 1.101 | 1.582 | 2.098 | 2.779 | 3.856 |
| | 1200 | 120 | 186 | 229 | 290 | 319 | 470 | 530 | 881 | 1.266 | 1.679 | 2.223 | 3.085 |
| | 1800 | 180 | 280 | 343 | 435 | 478 | 705 | 795 | 1.322 | 1.899 | 2.518 | 3.335 | 4.627 |
| 11.2 | 1000 | 89 | 136 | 178 | 218 | 260 | 347 | 420 | 629 | 921 | 1.262 | 1.614 | 2.199 |
| | 1500 | 134 | 204 | 267 | 326 | 389 | 521 | 630 | 944 | 1.381 | 1.893 | 2.421 | 3.298 |
| | 1200 | 107 | 163 | 213 | 261 | 312 | 417 | 504 | 755 | 1.105 | 1.514 | 1.937 | 2.639 |
| | 1800 | 161 | 244 | 320 | 392 | 467 | 625 | 756 | 1.133 | 1.657 | 2.271 | 2.905 | 3.958 |
| 12.5 | 1000 | 80 | 124 | 160 | 199 | 224 | 319 | 370 | 581 | 861 | 1.207 | 1.530 | 2.054 |
| | 1500 | 120 | 186 | 240 | 298 | 337 | 479 | 555 | 871 | 1.291 | 1.811 | 2.295 | 3.082 |
| | 1200 | 96 | 149 | 192 | 238 | 269 | 383 | 444 | 697 | 1.033 | 1.449 | 1.836 | 2.465 |
| | 1800 | 144 | 224 | 288 | 358 | 404 | 575 | 665 | 1.045 | 1.549 | 2.173 | 2.754 | 3.698 |
| 14 | 1000 | 71 | 112 | 148 | 177 | 215 | 281 | 341 | 514 | 772 | 1.074 | 1.375 | 1.804 |
| | 1500 | 107 | 168 | 222 | 265 | 323 | 422 | 512 | 771 | 1.157 | 1.611 | 2.063 | 2.706 |
| | 1200 | 86 | 134 | 178 | 212 | 258 | 338 | 410 | 617 | 926 | 1.288 | 1.650 | 2.164 |
| | 1800 | 129 | 201 | 266 | 318 | 387 | 506 | 614 | 926 | 1.389 | 1.933 | 2.475 | 3.247 |
| 16 | 1000 | 63 | 102 | 134 | 161 | 184 | 259 | 297 | 473 | 714 | 1.005 | 1.302 | 1.687 |
| | 1500 | 94 | 154 | 202 | 242 | 277 | 388 | 445 | 710 | 1.071 | 1.507 | 1.953 | 2.530 |
| | 1200 | 75 | 123 | 161 | 193 | 221 | 310 | 356 | 568 | 857 | 1.205 | 1.563 | 2.024 |
| | 1800 | 113 | 184 | 242 | 290 | 332 | 465 | 535 | 852 | 1.285 | 1.808 | 2.344 | 3.036 |

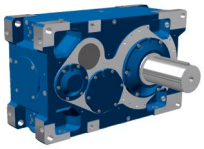


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 18 | 1000 | 56 | 89 | 122 | 142 | 177 | 227 | 272 | 406 | 617 | 852 | 1.134 | 1.445 |
| | 1500 | 83 | 133 | 183 | 213 | 265 | 341 | 409 | 610 | 925 | 1.277 | 1.701 | 2.168 |
| | 1200 | 67 | 106 | 146 | 171 | 212 | 273 | 327 | 488 | 740 | 1.022 | 1.360 | 1.734 |
| | 1800 | 100 | 160 | 219 | 256 | 318 | 409 | 490 | 732 | 1.110 | 1.533 | 2.041 | 2.602 |
| 20 | 1000 | 50 | 81 | 107 | 129 | 146 | 208 | 237 | 375 | 567 | 786 | 1.051 | 1.352 |
| | 1500 | 75 | 122 | 160 | 193 | 219 | 313 | 355 | 563 | 851 | 1.179 | 1.576 | 2.027 |
| | 1200 | 60 | 97 | 128 | 155 | 175 | 250 | 284 | 450 | 681 | 943 | 1.261 | 1.622 |
| | 1800 | 90 | 146 | 192 | 232 | 263 | 375 | 426 | 676 | 1.021 | 1.415 | 1.891 | 2.433 |
| 22.4 | 1000 | 45 | 69 | 97 | 110 | 140 | 180 | 217 | 345 | 515 | 722 | 878 | 1.295 |
| | 1500 | 67 | 103 | 145 | 166 | 210 | 269 | 325 | 517 | 772 | 1.083 | 1.317 | 1.942 |
| | 1200 | 54 | 83 | 116 | 132 | 168 | 216 | 260 | 414 | 618 | 866 | 1.054 | 1.554 |
| | 1800 | 80 | 124 | 174 | 199 | 252 | 323 | 390 | 621 | 927 | 1.299 | 1.581 | 2.331 |
| 25 | 1000 | 40 | 63 | 83 | 100 | 114 | 165 | 187 | 305 | 442 | 611 | 814 | 1.121 |
| | 1500 | 60 | 95 | 124 | 151 | 172 | 247 | 281 | 458 | 663 | 916 | 1.221 | 1.682 |
| | 1200 | 48 | 76 | 99 | 121 | 137 | 198 | 225 | 366 | 530 | 733 | 977 | 1.345 |
| | 1800 | 72 | 114 | 149 | 181 | 206 | 296 | 337 | 549 | 796 | 1.099 | 1.465 | 2.018 |
| 28 | 1000 | 36 | 55 | 75 | 91 | 111 | 149 | 172 | 279 | 407 | 560 | 745 | 1.037 |
| | 1500 | 54 | 82 | 113 | 137 | 166 | 224 | 258 | 418 | 610 | 840 | 1.118 | 1.556 |
| | 1200 | 43 | 66 | 90 | 110 | 133 | 179 | 206 | 335 | 488 | 672 | 894 | 1.245 |
| | 1800 | 64 | 99 | 135 | 164 | 199 | 269 | 309 | 502 | 732 | 1.008 | 1.341 | 1.867 |
| 31.5 | 1000 | 32 | 50 | 66 | 83 | 94 | 136 | 156 | 250 | 362 | 497 | 623 | 919 |
| | 1500 | 48 | 75 | 99 | 125 | 141 | 205 | 234 | 375 | 543 | 746 | 934 | 1.379 |
| | 1200 | 38 | 60 | 79 | 100 | 113 | 164 | 187 | 300 | 434 | 597 | 747 | 1.103 |
| | 1800 | 57 | 90 | 119 | 150 | 169 | 246 | 281 | 450 | 651 | 895 | 1.121 | 1.655 |
| 35.5 | 1000 | 28 | 43 | 60 | 70 | 90 | 116 | 142 | 229 | 333 | 456 | 577 | 844 |
| | 1500 | 42 | 65 | 90 | 106 | 135 | 174 | 213 | 343 | 500 | 684 | 866 | 1.266 |
| | 1200 | 34 | 52 | 72 | 85 | 108 | 139 | 170 | 275 | 400 | 547 | 693 | 1.013 |
| | 1800 | 51 | 78 | 108 | 127 | 162 | 208 | 256 | 412 | 599 | 821 | 1.039 | 1.520 |
| 40 | 1000 | 25 | 40 | 52 | 64 | 74 | 106 | 120 | 196 | 286 | 386 | 506 | 723 |
| | 1500 | 38 | 59 | 78 | 96 | 110 | 159 | 180 | 294 | 429 | 578 | 759 | 1.085 |
| | 1200 | 30 | 48 | 62 | 77 | 88 | 127 | 144 | 235 | 343 | 463 | 607 | 868 |
| | 1800 | 45 | 71 | 94 | 115 | 132 | 190 | 216 | 353 | 515 | 694 | 910 | 1.302 |
| 45 | 1000 | 22 | 35 | 47 | 54 | 69 | 97 | 110 | 179 | 263 | 353 | 469 | 664 |
| | 1500 | 33 | 52 | 71 | 81 | 104 | 145 | 165 | 269 | 395 | 530 | 703 | 996 |
| | 1200 | 27 | 41 | 57 | 65 | 83 | 116 | 132 | 215 | 316 | 424 | 563 | 797 |
| | 1800 | 40 | 62 | 85 | 97 | 125 | 174 | 197 | 323 | 474 | 636 | 844 | 1.195 |
| 50 | 1000 | 20 | 32 | 42 | 52 | 57 | 88 | 100 | 160 | 234 | 316 | 392 | 583 |
| | 1500 | 30 | 47 | 62 | 78 | 85 | 132 | 150 | 239 | 351 | 474 | 588 | 875 |
| | 1200 | 24 | 38 | 50 | 63 | 68 | 106 | 120 | 192 | 280 | 379 | 470 | 700 |
| | 1800 | 36 | 57 | 75 | 94 | 102 | 159 | 180 | 287 | 421 | 569 | 705 | 1.049 |

# Nominal Power Ratings

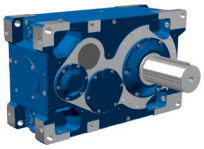


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 56 | 1000 | 18 | 28 | 38 | 46 | 56 | 78 | 92 | 146 | 215 | 289 | 363 | 535 |
| | 1500 | 27 | 42 | 57 | 69 | 84 | 117 | 138 | 219 | 322 | 434 | 545 | 803 |
| | 1200 | 21 | 34 | 45 | 55 | 67 | 94 | 111 | 175 | 258 | 347 | 436 | 643 |
| | 1800 | 32 | 50 | 68 | 83 | 101 | 141 | 166 | 263 | 387 | 521 | 654 | 964 |
| 63 | 1000 | 16 | 26 | 34 | 42 | 48 | 71 | 82 | 125 | 185 | 244 | 322 | 459 |
| | 1500 | 24 | 38 | 50 | 63 | 72 | 107 | 123 | 188 | 277 | 366 | 483 | 688 |
| | 1200 | 19 | 31 | 40 | 50 | 58 | 86 | 98 | 150 | 221 | 293 | 386 | 550 |
| | 1800 | 29 | 46 | 61 | 76 | 87 | 129 | 148 | 225 | 332 | 439 | 579 | 825 |
| 71 | 1000 | 14 | 22 | 31 | 36 | 45 | 61 | 75 | 114 | 170 | 223 | 298 | 421 |
| | 1500 | 21 | 33 | 46 | 53 | 68 | 91 | 113 | 172 | 255 | 334 | 447 | 632 |
| | 1200 | 17 | 27 | 37 | 43 | 54 | 73 | 90 | 137 | 204 | 267 | 358 | 505 |
| | 1800 | 25 | 40 | 55 | 64 | 81 | 109 | 135 | 206 | 306 | 401 | 537 | 758 |
| 80 | 1000 | 13 | 20 | 27 | 32 | 37 | 55 | 63 | 99 | 135 | 189 | 249 | 367 |
| | 1500 | 19 | 30 | 40 | 49 | 56 | 83 | 95 | 148 | 203 | 283 | 374 | 550 |
| | 1200 | 15 | 24 | 32 | 39 | 44 | 66 | 76 | 119 | 163 | 227 | 299 | 440 |
| | 1800 | 23 | 36 | 48 | 58 | 67 | 100 | 114 | 178 | 244 | 340 | 449 | 660 |
| 90 | 1000 | 11 | 18 | 24 | 27 | 35 | 50 | 58 | 90 | 128 | 179 | 231 | 337 |
| | 1500 | 17 | 26 | 36 | 41 | 52 | 76 | 87 | 136 | 192 | 269 | 346 | 505 |
| | 1200 | 13 | 21 | 29 | 33 | 42 | 61 | 70 | 108 | 153 | 215 | 277 | 404 |
| | 1800 | 20 | 32 | 43 | 49 | 63 | 91 | 104 | 163 | 230 | 323 | 416 | 606 |
| 100 | 1000 | 10 | 16 | 21 | 26 | 29 | 46 | 53 | 77 | 111 | 151 | 201 | 288 |
| | 1500 | 15 | 24 | 32 | 40 | 43 | 69 | 79 | 116 | 167 | 227 | 301 | 433 |
| | 1200 | 12 | 19 | 25 | 32 | 35 | 55 | 63 | 93 | 134 | 182 | 241 | 346 |
| | 1800 | 18 | 29 | 38 | 48 | 52 | 83 | 95 | 139 | 200 | 273 | 362 | 519 |
| 112 | 1000 | 9 | 14 | 19 | 23 | 28 | 40 | 48 | 71 | 104 | 139 | 186 | 265 |
| | 1500 | 13 | 21 | 29 | 34 | 42 | 60 | 72 | 106 | 156 | 208 | 279 | 397 |
| | 1200 | 11 | 17 | 23 | 27 | 34 | 48 | 58 | 85 | 125 | 167 | 223 | 318 |
| | 1800 | 16 | 25 | 35 | 41 | 51 | 71 | 87 | 127 | 187 | 250 | 335 | 477 |
| 125 | 1000 | 8 | 13 | 17 | 21 | 23 | 36 | 41 | --- | --- | --- | 156 | --- |
| | 1500 | 12 | 19 | 25 | 31 | 35 | 54 | 62 | --- | --- | --- | 233 | --- |
| | 1200 | 10 | 15 | 20 | 25 | 28 | 43 | 50 | --- | --- | --- | 187 | --- |
| | 1800 | 14 | 23 | 30 | 37 | 42 | 65 | 74 | --- | --- | --- | 280 | --- |
| 140 | 1000 | 7 | 11 | 15 | 18 | 22 | 33 | 38 | --- | --- | --- | 144 | --- |
| | 1500 | 11 | 17 | 23 | 28 | 33 | 50 | 56 | --- | --- | --- | 216 | --- |
| | 1200 | 9 | 13 | 18 | 22 | 26 | 40 | 45 | --- | --- | --- | 173 | --- |
| | 1800 | 13 | 20 | 27 | 33 | 40 | 60 | 68 | --- | --- | --- | 260 | --- |
| 160 | 1000 | 6 | 10 | 13 | 17 | 19 | 29 | 34 | --- | --- | --- | --- | --- |
| | 1500 | 9 | 15 | 20 | 25 | 28 | 43 | 52 | --- | --- | --- | --- | --- |
| | 1200 | 8 | 12 | 16 | 20 | 23 | 34 | 41 | --- | --- | --- | --- | --- |
| | 1800 | 11 | 18 | 24 | 30 | 34 | 51 | 62 | --- | --- | --- | --- | --- |



| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 180 | 1000 | 6 | 9 | 12 | 13 | 18 | 26 | 30 | --- | --- | --- | --- | --- |
| | 1500 | 8 | 13 | 18 | 19 | 27 | 39 | 44 | --- | --- | --- | --- | --- |
| | 1200 | 7 | 10 | 14 | 16 | 21 | 31 | 35 | --- | --- | --- | --- | --- |
| | 1800 | 10 | 16 | 22 | 23 | 32 | 47 | 53 | --- | --- | --- | --- | --- |
| 200 | 1000 | 5 | 8 | 10 | 13 | 13 | 13 | 27 | --- | --- | --- | --- | --- |
| | 1500 | 8 | 12 | 16 | 19 | 19 | 20 | 41 | --- | --- | --- | --- | --- |
| | 1200 | 6 | 10 | 13 | 15 | 16 | 16 | 32 | --- | --- | --- | --- | --- |
| | 1800 | 9 | 14 | 19 | 23 | 23 | 24 | 49 | --- | --- | --- | --- | --- |
| 224 | 1000 | 4 | 7 | 10 | 11 | 13 | 13 | 12 | --- | --- | --- | --- | --- |
| | 1500 | 7 | 10 | 14 | 17 | 19 | 19 | 18 | --- | --- | --- | --- | --- |
| | 1200 | 5 | 8 | 11 | 13 | 15 | 16 | 14 | --- | --- | --- | --- | --- |
| | 1800 | 8 | 12 | 17 | 20 | 23 | 23 | 21 | --- | --- | --- | --- | --- |
| 250 | 1000 | 4 | 6 | 8 | 10 | 12 | 13 | 12 | --- | --- | --- | --- | --- |
| | 1500 | 6 | 9 | 12 | 15 | 17 | 19 | 17 | --- | --- | --- | --- | --- |
| | 1200 | 5 | 8 | 10 | 12 | 14 | 16 | 14 | --- | --- | --- | --- | --- |
| | 1800 | 7 | 11 | 15 | 18 | 21 | 23 | 21 | --- | --- | --- | --- | --- |
| 280 | 1000 | 4 | 6 | 8 | 9 | 11 | 13 | 12 | --- | --- | --- | --- | --- |
| | 1500 | 5 | 8 | 11 | 14 | 16 | 19 | 17 | --- | --- | --- | --- | --- |
| | 1200 | 4 | 7 | 9 | 11 | 13 | 15 | 14 | --- | --- | --- | --- | --- |
| | 1800 | 6 | 10 | 14 | 16 | 20 | 23 | 21 | --- | --- | --- | --- | --- |
| 315 | 1000 | 3 | 5 | 7 | 8 | 9 | 12 | 12 | --- | --- | --- | --- | --- |
| | 1500 | 5 | 8 | 10 | 12 | 14 | 19 | 17 | --- | --- | --- | --- | --- |
| | 1200 | 4 | 6 | 8 | 10 | 11 | 15 | 14 | --- | --- | --- | --- | --- |
| | 1800 | 6 | 9 | 12 | 15 | 17 | 22 | 21 | --- | --- | --- | --- | --- |
| 355 | 1000 | 3 | --- | 6 | --- | 9 | 12 | 11 | --- | --- | --- | --- | --- |
| | 1500 | 4 | --- | 9 | --- | 13 | 18 | 17 | --- | --- | --- | --- | --- |
| | 1200 | 3 | --- | 7 | --- | 11 | 15 | 14 | --- | --- | --- | --- | --- |
| | 1800 | 5 | --- | 11 | --- | 16 | 22 | 20 | --- | --- | --- | --- | --- |
| 400 | 1000 | 3 | --- | --- | --- | --- | --- | 11 | --- | --- | --- | --- | --- |
| | 1500 | 4 | --- | --- | --- | --- | --- | 17 | --- | --- | --- | --- | --- |
| | 1200 | 3 | --- | --- | --- | --- | --- | 13 | --- | --- | --- | --- | --- |
| | 1800 | 5 | --- | --- | --- | --- | --- | 20 | --- | --- | --- | --- | --- |

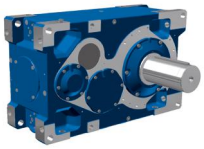
# Nominal Output Torques



| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| 5,6 | --- | --- | --- | --- | --- | --- | 60 | 79 | 108 | --- | 177 |
| 6,3 | --- | --- | --- | --- | --- | --- | 65 | 85 | 116 | --- | 193 |
| 7,1 | 15 | --- | 19 | --- | 33 | --- | 67 | 89 | 120 | 160 | 207 |
| 8 | 15 | 17 | 21 | 22 | 36 | 37 | 69 | 93 | 126 | 164 | 226 |
| 9 | 15 | 18 | 23 | 24 | 37 | 40 | 69 | 96 | 130 | 168 | 235 |
| 10 | 15 | 19 | 23 | 26 | 37 | 43 | 69 | 100 | 135 | 172 | 240 |
| 11,2 | 15 | 19 | 23 | 27 | 38 | 45 | 70 | 102 | 137 | 176 | 240 |
| 12,5 | 15 | 20 | 23 | 28 | 38 | 45 | 71 | 104 | 143 | 180 | 245 |
| 14 | 15 | 20 | 24 | 28 | 39 | 46 | 71 | 106 | 146 | 184 | 245 |
| 16 | 15 | 20 | 24 | 28 | 39 | 46 | 71 | 107 | 149 | 188 | 249 |
| 18 | 15 | 20 | 24 | 29 | 39 | 46 | 72 | 108 | 149 | 190 | 250 |
| 20 | 15 | 20 | 24 | 29 | 40 | 46 | 73 | 108 | 150 | 190 | 255 |
| 22,4 | 15 | 20 | 24 | 29 | 40 | 46 | 74 | 109 | 151 | 190 | 270 |
| 25 | 15 | 20 | 24 | 29 | 40 | 47 | 76 | 109 | 151 | 190 | 273 |
| 28 | 15 | 20 | 24 | 29 | 41 | 47 | 76 | 110 | 151 | 190 | 276 |
| 31,5 | 15 | 20 | 24 | 29 | 41 | 48 | 76 | 110 | 152 | 190 | 276 |
| 35,5 | 15 | 20 | 24 | 29 | 41 | 48 | 76 | 110 | 152 | 190 | 277 |
| 40 | 15 | 20 | 24 | 29 | 41 | 48 | 76 | 111 | 152 | 190 | 278 |
| 45 | 15 | 20 | 23 | 29 | 41 | 48 | 77 | 111 | 152 | 190 | 278 |
| 50 | 15 | 20 | 24 | 28 | 41 | 48 | 77 | 112 | 152 | 190 | 278 |
| 56 | 15 | 20 | 24 | 29 | 41 | 49 | 77 | 112 | 151 | 190 | 279 |
| 63 | 15 | 20 | 24 | 29 | 42 | 49 | 77 | 112 | 151 | 190 | 279 |
| 71 | 15 | 20 | 24 | 29 | 42 | 49 | 77 | 113 | 150 | 190 | 280 |
| 80 | 15 | 20 | 25 | 29 | 42 | 49 | 77 | 105 | 145 | 190 | 280 |
| 90 | 15 | 20 | 23 | 29 | 42 | 49 | 77 | 108 | 150 | 190 | 281 |
| 100 | 15 | 20 | 25 | 28 | 42 | 49 | 77 | 110 | 150 | 190 | 281 |
| 112 | 15 | 20 | 25 | 29 | 42 | 49 | 77 | 112 | 150 | 190 | 282 |
| 125 | 15 | 20 | 25 | 29 | 43 | 50 | --- | --- | --- | 190 | --- |
| 140 | 15 | 20 | 25 | 29 | 43 | 50 | --- | --- | --- | 190 | --- |
| 160 | 15 | 20 | 25 | 29 | 43 | 50 | --- | --- | --- | --- | --- |
| 180 | 15 | 20 | 22 | 29 | 43 | 50 | --- | --- | --- | --- | --- |
| 200 | 15 | 20 | 24 | 25 | 25 | 50 | --- | --- | --- | --- | --- |
| 224 | 15 | 20 | 25 | 26 | 27 | 25 | --- | --- | --- | --- | --- |
| 250 | 15 | 20 | 25 | 29 | 32 | 27 | --- | --- | --- | --- | --- |
| 280 | 15 | 20 | 25 | 29 | 34 | 32 | --- | --- | --- | --- | --- |
| 315 | 15 | 20 | 25 | 29 | 37 | 35 | --- | --- | --- | --- | --- |
| 355 | --- | 20 | --- | 29 | 40 | 38 | --- | --- | --- | --- | --- |
| 400 | --- | --- | --- | --- | --- | 41 | --- | --- | --- | --- | --- |

SK ..207 Units

SK ..307 Units



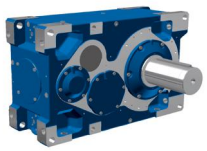
# Moments of Inertia

| Nom. Ratio | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Moments of Inertia | | | | | | | | | | |
| $i_N$ | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² |
| 5,6 | --- | --- | --- | --- | --- | --- | 1,120 | 1,920 | 2,980 | --- | 8,540 |
| 6,3 | --- | --- | --- | --- | --- | --- | 1,080 | 1,850 | 2,880 | --- | 8,270 |
| 7,1 | 0,071 | --- | 0,131 | --- | 0,336 | --- | 0,819 | 1,330 | 2,150 | 3,780 | 5,900 |
| 8 | 0,068 | 0,080 | 0,127 | 0,153 | 0,322 | 0,379 | 0,790 | 1,290 | 2,080 | 3,550 | 5,730 |
| 9 | 0,050 | 0,077 | 0,095 | 0,144 | 0,246 | 0,358 | 0,598 | 0,981 | 1,550 | 2,720 | 4,310 |
| 10 | 0,048 | 0,056 | 0,093 | 0,109 | 0,237 | 0,274 | 0,580 | 0,956 | 1,510 | 2,570 | 4,200 |
| 11,2 | 0,036 | 0,054 | 0,068 | 0,103 | 0,179 | 0,260 | 0,432 | 0,713 | 1,180 | 1,940 | 3,090 |
| 12,5 | 0,035 | 0,040 | 0,067 | 0,078 | 0,173 | 0,196 | 0,421 | 0,697 | 1,150 | 1,860 | 3,030 |
| 14 | 0,028 | 0,039 | 0,049 | 0,074 | 0,125 | 0,187 | 0,350 | 0,569 | 0,946 | 1,470 | 2,350 |
| 16 | 0,027 | 0,031 | 0,048 | 0,055 | 0,121 | 0,136 | 0,342 | 0,559 | 0,928 | 1,410 | 2,310 |
| 18 | 0,020 | 0,030 | 0,038 | 0,053 | 0,094 | 0,131 | 0,263 | 0,398 | 0,702 | 1,150 | 1,670 |
| 20 | 0,019 | 0,022 | 0,037 | 0,042 | 0,092 | 0,101 | 0,259 | 0,392 | 0,691 | 1,120 | 1,650 |
| 22,4 | 0,014 | 0,021 | 0,026 | 0,040 | 0,066 | 0,097 | 0,266 | 0,441 | 0,715 | 0,843 | 1,940 |
| 25 | 0,014 | 0,015 | 0,026 | 0,028 | 0,065 | 0,070 | 0,223 | 0,365 | 0,600 | 0,820 | 1,620 |
| 28 | 0,016 | 0,015 | 0,031 | 0,027 | 0,065 | 0,068 | 0,221 | 0,362 | 0,594 | 0,762 | 1,610 |
| 31,5 | 0,016 | 0,017 | 0,031 | 0,033 | 0,064 | 0,068 | 0,141 | 0,238 | 0,373 | 0,674 | 1,040 |
| 35,5 | 0,014 | 0,017 | 0,026 | 0,032 | 0,051 | 0,067 | 0,139 | 0,236 | 0,369 | 0,663 | 1,030 |
| 40 | 0,013 | 0,014 | 0,025 | 0,026 | 0,051 | 0,053 | 0,122 | 0,205 | 0,324 | 0,408 | 0,906 |
| 45 | 0,012 | 0,014 | 0,022 | 0,026 | 0,045 | 0,052 | 0,121 | 0,203 | 0,322 | 0,401 | 0,900 |
| 50 | 0,012 | 0,012 | 0,022 | 0,023 | 0,044 | 0,046 | 0,078 | 0,128 | 0,202 | 0,366 | 0,512 |
| 56 | 0,007 | 0,012 | 0,012 | 0,022 | 0,024 | 0,045 | 0,077 | 0,127 | 0,201 | 0,361 | 0,509 |
| 63 | 0,007 | 0,007 | 0,012 | 0,012 | 0,024 | 0,025 | 0,070 | 0,115 | 0,182 | 0,218 | 0,459 |
| 71 | 0,006 | 0,007 | 0,010 | 0,012 | 0,021 | 0,025 | 0,070 | 0,114 | 0,181 | 0,215 | 0,457 |
| 80 | 0,006 | 0,006 | 0,010 | 0,011 | 0,021 | 0,021 | 0,044 | 0,071 | 0,119 | 0,201 | 0,265 |
| 90 | 0,006 | 0,006 | 0,010 | 0,011 | 0,019 | 0,021 | 0,044 | 0,071 | 0,118 | 0,199 | 0,264 |
| 100 | 0,006 | 0,006 | 0,010 | 0,010 | 0,019 | 0,019 | 0,041 | 0,066 | 0,111 | 0,128 | 0,244 |
| 112 | 0,004 | 0,006 | 0,006 | 0,010 | 0,012 | 0,019 | 0,041 | 0,066 | 0,111 | 0,127 | 0,243 |
| 125 | 0,004 | 0,004 | 0,006 | 0,006 | 0,011 | 0,012 | --- | --- | --- | 0,121 | --- |
| 140 | 0,003 | 0,004 | 0,005 | 0,006 | 0,011 | 0,011 | --- | --- | --- | 0,121 | --- |
| 160 | 0,003 | 0,003 | 0,005 | 0,005 | 0,008 | 0,011 | --- | --- | --- | --- | --- |
| 180 | 0,002 | 0,003 | 0,003 | 0,005 | 0,008 | 0,008 | --- | --- | --- | --- | --- |
| 200 | 0,002 | 0,002 | 0,003 | 0,003 | 0,006 | 0,008 | --- | --- | --- | --- | --- |
| 224 | 0,002 | 0,002 | 0,003 | 0,003 | 0,006 | 0,006 | --- | --- | --- | --- | --- |
| 250 | 0,002 | 0,002 | 0,003 | 0,003 | 0,006 | 0,006 | --- | --- | --- | --- | --- |
| 280 | 0,002 | 0,002 | 0,003 | 0,003 | 0,006 | 0,006 | --- | --- | --- | --- | --- |
| 315 | 0,002 | 0,002 | 0,003 | 0,003 | 0,006 | 0,006 | --- | --- | --- | --- | --- |
| 355 | --- | 0,002 | --- | 0,003 | 0,006 | 0,006 | --- | --- | --- | --- | --- |
| 400 | --- | --- | --- | --- | --- | 0,006 | --- | --- | --- | --- | --- |

SK ..207 Units

SK ..307 Units

# Exact Ratios

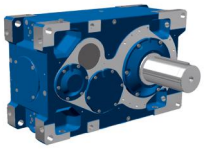


NORD DRIVESYSTEMS

| Nom. Übersetzung | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Exact Ratio | | | | | | | | | | |
| $i_N$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ |
| 5,6 | | | | | | | 5,77 | 5,64 | 5,85 | | 5,54 |
| 6,3 | | | | | | | 6,31 | 6,16 | 6,38 | | 6,04 |
| 7,1 | 7,20 | | 7,16 | | 7,24 | | 7,19 | 7,27 | 7,31 | 7,20 | 7,15 |
| 8 | 7,87 | 7,99 | 7,87 | 8,15 | 7,96 | 8,15 | 7,87 | 7,93 | 7,98 | 7,77 | 7,80 |
| 9 | 9,25 | 8,80 | 8,99 | 8,66 | 9,10 | 8,93 | 9,05 | 9,10 | 9,26 | 9,01 | 8,96 |
| 10 | 10,11 | 10,27 | 9,89 | 10,25 | 10,00 | 10,25 | 9,91 | 9,93 | 10,11 | 9,72 | 9,78 |
| 11,2 | 11,57 | 11,31 | 11,26 | 10,89 | 11,39 | 11,22 | 11,61 | 11,60 | 11,37 | 11,42 | 11,44 |
| 12,5 | 12,65 | 12,84 | 12,38 | 12,83 | 12,52 | 12,83 | 12,71 | 12,66 | 12,40 | 12,32 | 12,48 |
| 14 | 14,09 | 14,15 | 14,20 | 13,63 | 14,37 | 14,05 | 14,46 | 14,39 | 14,24 | 14,01 | 14,19 |
| 16 | 15,40 | 15,64 | 15,62 | 16,19 | 15,79 | 16,19 | 15,83 | 15,69 | 15,53 | 15,12 | 15,48 |
| 18 | 17,70 | 17,23 | 17,94 | 17,20 | 18,14 | 17,72 | 18,50 | 18,34 | 18,38 | 17,55 | 18,11 |
| 20 | 19,35 | 19,65 | 19,72 | 20,44 | 19,94 | 20,44 | 20,25 | 20,01 | 20,05 | 18,93 | 19,76 |
| 22,4 | 22,78 | 21,65 | 23,05 | 21,72 | 23,31 | 22,38 | 22,32 | 22,13 | 21,90 | 22,66 | 21,84 |
| 25 | 24,89 | 25,28 | 25,34 | 26,26 | 25,63 | 26,26 | 26,09 | 25,87 | 25,92 | 24,44 | 25,54 |
| 28 | 28,65 | 27,85 | 27,89 | 27,90 | 28,44 | 28,76 | 28,56 | 28,22 | 28,28 | 26,70 | 27,86 |
| 31,5 | 31,30 | 31,79 | 30,67 | 31,79 | 31,26 | 32,04 | 31,90 | 31,82 | 31,91 | 31,95 | 31,49 |
| 35,5 | 36,27 | 35,03 | 36,21 | 33,77 | 36,98 | 35,08 | 34,93 | 34,71 | 34,81 | 34,47 | 34,35 |
| 40 | 39,63 | 40,25 | 39,81 | 41,26 | 40,65 | 41,66 | 40,83 | 40,58 | 41,20 | 39,33 | 40,18 |
| 45 | 45,45 | 44,35 | 44,60 | 43,84 | 44,70 | 45,62 | 44,70 | 44,26 | 44,94 | 42,44 | 43,83 |
| 50 | 49,67 | 50,44 | 49,04 | 50,82 | 49,13 | 50,35 | 50,25 | 50,01 | 50,17 | 50,78 | 50,02 |
| 56 | 56,12 | 55,58 | 55,39 | 53,99 | 55,56 | 55,14 | 55,01 | 54,56 | 54,73 | 54,79 | 54,56 |
| 63 | 61,32 | 62,28 | 60,91 | 63,12 | 61,07 | 62,59 | 64,31 | 63,77 | 64,78 | 61,84 | 63,82 |
| 71 | 71,05 | 68,62 | 71,91 | 67,07 | 72,25 | 68,54 | 70,40 | 69,56 | 70,66 | 66,72 | 69,62 |
| 80 | 77,63 | 78,85 | 79,07 | 81,94 | 79,41 | 81,38 | 81,58 | 81,18 | 80,34 | 79,84 | 80,10 |
| 90 | 89,03 | 86,87 | 88,56 | 87,06 | 87,32 | 89,12 | 89,30 | 88,55 | 87,64 | 86,14 | 87,37 |
| 100 | 97,29 | 98,81 | 97,38 | 100,92 | 95,98 | 98,36 | 104,39 | 103,51 | 103,73 | 99,02 | 102,20 |
| 112 | 113,87 | 108,87 | 113,97 | 107,23 | 111,90 | 107,71 | 114,28 | 112,91 | 113,15 | 106,84 | 111,48 |
| 125 | 124,43 | 126,37 | 125,31 | 129,87 | 123,04 | 125,57 | | | | 127,85 | |
| 140 | 142,70 | 139,24 | 140,37 | 137,98 | 135,24 | 138,60 | | | | 137,94 | |
| 160 | 155,93 | 158,36 | 154,34 | 159,95 | 157,18 | 151,77 | | | | | |
| 180 | 179,89 | 174,49 | 177,56 | 169,95 | 172,76 | 177,05 | | | | | |
| 200 | 196,56 | 199,63 | 195,24 | 202,34 | 198,68 | 193,87 | | | | | |
| 224 | 227,74 | 219,96 | 230,49 | 214,99 | 218,38 | 223,80 | | | | | |
| 250 | 248,85 | 252,74 | 253,44 | 262,65 | 258,35 | 245,07 | | | | | |
| 280 | 285,40 | 278,48 | 283,89 | 279,07 | 283,96 | 291,01 | | | | | |
| 315 | 311,85 | 316,72 | 312,15 | 323,50 | 312,23 | 318,66 | | | | | |
| 355 | | 348,98 | | 343,72 | 343,19 | 351,71 | | | | | |
| 400 | | | | | | 385,13 | | | | | |

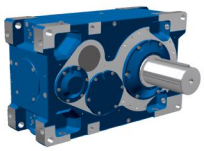
SK ..207 Units

SK ..307 Units



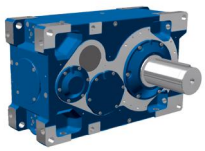
# Notes

# Thermal Ratings
# M1/M3 Mounting - 1000 rpm
# @ 20°C = 68°F



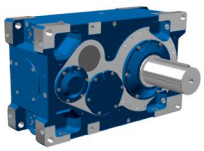
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 295 | 225 | 270 | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 166 | 237 | 277 | --- | 288 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 542 | 830 | 1.099 | --- | 1.268 |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 287 | 225 | 280 | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 155 | 216 | 258 | --- | 326 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 509 | 764 | 1.034 | --- | 1.232 |
| 7,1 | --- | $Pt_{0.20}$ | 150 | --- | 207 | --- | 283 | --- | 331 | 338 | 410 | 389 | 301 |
| | FAN | $P_{tF.20}$ | 73 | --- | 91 | --- | 130 | --- | 149 | 201 | 237 | 308 | 372 |
| | CC | $P_{tC.20}$ | 159 | --- | 178 | --- | 195 | --- | 491 | 725 | 974 | 1.101 | 1.194 |
| 8 | --- | $Pt_{0.20}$ | 142 | 179 | 200 | 216 | 268 | 344 | 317 | 321 | 401 | 394 | 313 |
| | FAN | $P_{tF.20}$ | 69 | 78 | 87 | 82 | 121 | 130 | 140 | 185 | 224 | 294 | 344 |
| | CC | $P_{tC.20}$ | 150 | 164 | 171 | 156 | 182 | 192 | 462 | 671 | 920 | 1.054 | 1.112 |
| 9 | --- | $Pt_{0.20}$ | 144 | 167 | 203 | 239 | 288 | 324 | 345 | 383 | 480 | 527 | 523 |
| | FAN | $P_{tF.20}$ | 67 | 73 | 83 | 90 | 118 | 121 | 134 | 177 | 207 | 268 | 313 |
| | CC | $P_{tC.20}$ | 146 | 152 | 163 | 171 | 177 | 179 | 445 | 648 | 864 | 979 | 1.042 |
| 10 | --- | $Pt_{0.20}$ | 137 | 171 | 196 | 210 | 271 | 343 | 328 | 359 | 462 | 521 | 511 |
| | FAN | $P_{tF.20}$ | 63 | 71 | 80 | 75 | 110 | 118 | 126 | 164 | 196 | 258 | 295 |
| | CC | $P_{tC.20}$ | 137 | 150 | 156 | 142 | 166 | 175 | 420 | 601 | 818 | 946 | 983 |
| 11,2 | --- | $Pt_{0.20}$ | 138 | 159 | 195 | 232 | 282 | 322 | 338 | 395 | 504 | 596 | 643 |
| | FAN | $P_{tF.20}$ | 62 | 66 | 76 | 82 | 107 | 110 | 118 | 155 | 187 | 236 | 273 |
| | CC | $P_{tC.20}$ | 135 | 139 | 149 | 156 | 161 | 163 | 395 | 573 | 783 | 876 | 921 |
| 12,5 | --- | $Pt_{0.20}$ | 130 | 162 | 188 | 200 | 264 | 332 | 321 | 372 | 482 | 579 | 612 |
| | FAN | $P_{tF.20}$ | 58 | 66 | 73 | 68 | 100 | 108 | 112 | 145 | 177 | 227 | 255 |
| | CC | $P_{tC.20}$ | 127 | 139 | 143 | 130 | 151 | 159 | 373 | 537 | 743 | 841 | 864 |
| 14 | --- | $Pt_{0.20}$ | 129 | 151 | 183 | 220 | 270 | 311 | 321 | 389 | 497 | 610 | 674 |
| | FAN | $P_{tF.20}$ | 57 | 61 | 69 | 75 | 97 | 100 | 106 | 139 | 164 | 212 | 240 |
| | CC | $P_{tC.20}$ | 124 | 128 | 135 | 143 | 147 | 149 | 353 | 514 | 694 | 790 | 816 |
| 16 | --- | $Pt_{0.20}$ | 122 | 152 | 176 | 187 | 254 | 316 | 305 | 363 | 475 | 591 | 639 |
| | FAN | $P_{tF.20}$ | 53 | 61 | 66 | 62 | 91 | 98 | 100 | 129 | 156 | 204 | 225 |
| | CC | $P_{tC.20}$ | 117 | 127 | 129 | 118 | 137 | 145 | 334 | 479 | 660 | 759 | 767 |
| 18 | --- | $Pt_{0.20}$ | 117 | 141 | 168 | 206 | 250 | 296 | 295 | 364 | 467 | 597 | 667 |
| | FAN | $P_{tF.20}$ | 51 | 56 | 61 | 68 | 87 | 91 | 92 | 121 | 142 | 188 | 209 |
| | CC | $P_{tC.20}$ | 111 | 118 | 120 | 129 | 131 | 135 | 308 | 447 | 599 | 703 | 713 |
| 20 | --- | $Pt_{0.20}$ | 111 | 137 | 162 | 171 | 235 | 291 | 280 | 341 | 446 | 577 | 632 |
| | FAN | $P_{tF.20}$ | 48 | 54 | 59 | 56 | 81 | 87 | 88 | 113 | 135 | 181 | 197 |
| | CC | $P_{tC.20}$ | 105 | 114 | 116 | 106 | 123 | 129 | 293 | 419 | 572 | 676 | 673 |
| 22,4 | --- | $Pt_{0.20}$ | 107 | 128 | 151 | 188 | 227 | 273 | 188 | 231 | 275 | 558 | 242 |
| | FAN | $P_{tF.20}$ | 46 | 50 | 54 | 61 | 76 | 82 | 80 | 103 | 125 | 163 | 187 |
| | CC | $P_{tC.20}$ | 100 | 106 | 106 | 116 | 115 | 121 | 265 | 379 | 521 | 611 | 608 |
| 25 | --- | $Pt_{0.20}$ | 102 | 125 | 146 | 154 | 213 | 262 | 183 | 228 | 270 | 540 | 261 |
| | FAN | $P_{tF.20}$ | 43 | 49 | 52 | 49 | 72 | 77 | 75 | 98 | 116 | 157 | 175 |
| | CC | $P_{tC.20}$ | 95 | 103 | 102 | 94 | 108 | 114 | 248 | 359 | 484 | 589 | 575 |
| 28 | --- | $Pt_{0.20}$ | 80 | 117 | 107 | 169 | 172 | 246 | 176 | 216 | 260 | 342 | 251 |
| | FAN | $P_{tF.20}$ | 37 | 46 | 43 | 54 | 63 | 72 | 72 | 92 | 111 | 138 | 167 |
| | CC | $P_{tC.20}$ | 80 | 96 | 85 | 102 | 95 | 107 | 237 | 339 | 465 | 508 | 549 |
| 31,5 | --- | $Pt_{0.20}$ | 77 | 93 | 104 | 113 | 164 | 201 | 196 | 252 | 308 | 328 | 367 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 42 | 40 | 60 | 63 | 69 | 90 | 105 | 126 | 151 |
| | CC | $P_{tC.20}$ | 76 | 81 | 82 | 77 | 90 | 93 | 230 | 333 | 444 | 465 | 506 |
| 35,5 | --- | $Pt_{0.20}$ | 74 | 88 | 99 | 122 | 156 | 191 | 188 | 237 | 296 | 320 | 352 |
| | FAN | $P_{tF.20}$ | 34 | 37 | 39 | 43 | 56 | 60 | 66 | 85 | 101 | 123 | 144 |
| | CC | $P_{tC.20}$ | 74 | 77 | 78 | 82 | 85 | 88 | 220 | 315 | 426 | 453 | 484 |
| 40 | --- | $Pt_{0.20}$ | 71 | 86 | 96 | 104 | 149 | 182 | 179 | 230 | 281 | 361 | 345 |
| | FAN | $P_{tF.20}$ | 32 | 36 | 38 | 37 | 53 | 56 | 62 | 80 | 94 | 115 | 137 |
| | CC | $P_{tC.20}$ | 70 | 75 | 75 | 70 | 80 | 83 | 206 | 298 | 396 | 427 | 461 |
| 45 | --- | $Pt_{0.20}$ | 68 | 82 | 95 | 112 | 145 | 173 | 172 | 217 | 271 | 351 | 330 |
| | FAN | $P_{tF.20}$ | 31 | 34 | 38 | 39 | 52 | 53 | 59 | 76 | 90 | 111 | 131 |
| | CC | $P_{tC.20}$ | 68 | 71 | 75 | 75 | 78 | 79 | 198 | 282 | 381 | 415 | 441 |

*** Additional Cooling Necessary - Consult Factory**



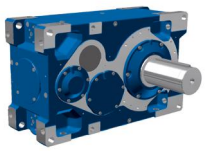
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 65 | 79 | 92 | 100 | 138 | 168 | 174 | 225 | 286 | 328 | 402 |
| | FAN | $P_{tF.20}$ | 30 | 33 | 37 | 35 | 49 | 52 | 55 | 72 | 85 | 102 | 122 |
| | CC | $P_{tC.20}$ | 65 | 69 | 72 | 67 | 74 | 76 | 186 | 268 | 361 | 381 | 417 |
| 56 | --- | $Pt_{0.20}$ | 68 | 75 | 93 | 108 | 148 | 160 | 167 | 213 | 275 | 320 | 384 |
| | FAN | $P_{tF.20}$ | 30 | 31 | 35 | 38 | 50 | 49 | 53 | 68 | 82 | 100 | 116 |
| | CC | $P_{tC.20}$ | 65 | 65 | 69 | 72 | 75 | 73 | 178 | 254 | 348 | 371 | 398 |
| 63 | --- | $Pt_{0.20}$ | 65 | 79 | 90 | 98 | 140 | 171 | 159 | 205 | 260 | 329 | 371 |
| | FAN | $P_{tF.20}$ | 28 | 31 | 34 | 32 | 47 | 50 | 50 | 65 | 76 | 93 | 111 |
| | CC | $P_{tC.20}$ | 62 | 66 | 67 | 62 | 71 | 74 | 167 | 242 | 324 | 348 | 380 |
| 71 | --- | $Pt_{0.20}$ | 62 | 74 | 85 | 105 | 133 | 162 | 152 | 194 | 250 | 321 | 355 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 32 | 35 | 44 | 47 | 48 | 62 | 74 | 90 | 106 |
| | CC | $P_{tC.20}$ | 60 | 62 | 63 | 67 | 67 | 70 | 161 | 230 | 313 | 339 | 364 |
| 80 | --- | $Pt_{0.20}$ | 60 | 72 | 83 | 89 | 126 | 153 | 145 | 187 | 242 | 298 | 352 |
| | FAN | $P_{tF.20}$ | 26 | 29 | 31 | 30 | 42 | 44 | 43 | 56 | 66 | 83 | 94 |
| | CC | $P_{tC.20}$ | 57 | 61 | 61 | 57 | 64 | 66 | 146 | 210 | 284 | 311 | 324 |
| 90 | --- | $Pt_{0.20}$ | 57 | 68 | 82 | 96 | 123 | 145 | 139 | 178 | 233 | 290 | 337 |
| | FAN | $P_{tF.20}$ | 25 | 27 | 31 | 32 | 41 | 42 | 42 | 54 | 64 | 81 | 91 |
| | CC | $P_{tC.20}$ | 55 | 57 | 61 | 61 | 61 | 62 | 141 | 200 | 274 | 304 | 311 |
| 100 | --- | $Pt_{0.20}$ | 55 | 66 | 79 | 86 | 117 | 141 | 133 | 171 | 221 | 275 | 325 |
| | FAN | $P_{tF.20}$ | 24 | 26 | 30 | 28 | 39 | 41 | 40 | 51 | 60 | 73 | 87 |
| | CC | $P_{tC.20}$ | 52 | 56 | 59 | 54 | 58 | 60 | 133 | 191 | 257 | 273 | 299 |
| 112 | --- | $Pt_{0.20}$ | 53 | 63 | 73 | 92 | 113 | 134 | 128 | 163 | 213 | 269 | 312 |
| | FAN | $P_{tF.20}$ | 23 | 25 | 27 | 31 | 37 | 39 | 38 | 49 | 58 | 71 | 84 |
| | CC | $P_{tC.20}$ | 50 | 53 | 53 | 59 | 56 | 57 | 128 | 182 | 249 | 267 | 287 |
| 125 | --- | $Pt_{0.20}$ | 51 | 61 | 70 | 76 | 110 | 130 | --- | --- | --- | 251 | --- |
| | FAN | $P_{tF.20}$ | 22 | 24 | 26 | 25 | 36 | 37 | --- | --- | --- | 66 | --- |
| | CC | $P_{tC.20}$ | 48 | 51 | 51 | 48 | 54 | 55 | --- | --- | --- | 247 | --- |
| 140 | --- | $Pt_{0.20}$ | 49 | 58 | 70 | 82 | 105 | 126 | --- | --- | --- | 245 | --- |
| | FAN | $P_{tF.20}$ | 21 | 23 | 26 | 27 | 34 | 36 | --- | --- | --- | 64 | --- |
| | CC | $P_{tC.20}$ | 46 | 48 | 51 | 51 | 52 | 53 | --- | --- | --- | 241 | --- |
| 160 | --- | $Pt_{0.20}$ | 47 | 56 | 68 | 73 | 101 | 120 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 20 | 22 | 25 | 24 | 32 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 44 | 47 | 49 | 46 | 49 | 51 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 37 | 53 | 54 | 79 | 96 | 115 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 21 | 20 | 26 | 31 | 33 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 44 | 39 | 49 | 47 | 48 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 36 | 42 | 53 | 58 | 79 | 110 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 19 | 19 | 25 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 38 | 36 | 38 | 46 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 35 | 40 | 51 | 61 | 76 | 91 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 16 | 19 | 20 | 24 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 38 | 37 | 37 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 33 | 40 | 49 | 54 | 73 | 87 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 16 | 18 | 17 | 23 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 34 | 36 | 33 | 35 | 36 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 32 | 38 | 49 | 57 | 70 | 83 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 14 | 15 | 18 | 19 | 22 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 31 | 32 | 36 | 36 | 34 | 34 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 31 | 37 | 48 | 52 | 69 | 80 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 14 | 15 | 17 | 17 | 22 | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 30 | 32 | 35 | 32 | 33 | 33 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 36 | --- | 55 | 66 | 79 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 14 | --- | 18 | 21 | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 30 | --- | 34 | 32 | 32 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 76 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 21 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 31 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1000 rpm
# @ 40°C = 104°F



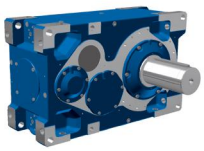
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 203 | 73 | 70 | --- | 0 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 155 | 242 | 291 | --- | 0 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 564 | 888 | 1.179 | --- | 1.064 |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 201 | 89 | 98 | --- | 0 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 145 | 218 | 266 | --- | 0 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 529 | 813 | 1.102 | --- | 1.042 |
| 7,1 | --- | $Pt_{0.40}$ | 125 | --- | 169 | --- | 223 | --- | 250 | 224 | 259 | 181 | 4 |
| | FAN | $P_{tF.40}$ | 64 | --- | 81 | --- | 117 | --- | 137 | 189 | 227 | 306 | 409 |
| | CC | $P_{tC.20}$ | 163 | --- | 184 | --- | 202 | --- | 509 | 756 | 1.016 | 1.166 | 1.313 |
| 8 | --- | $Pt_{0.40}$ | 118 | 149 | 164 | 177 | 212 | 275 | 241 | 217 | 260 | 198 | 46 |
| | FAN | $P_{tF.40}$ | 60 | 69 | 78 | 73 | 109 | 119 | 129 | 174 | 213 | 289 | 371 |
| | CC | $P_{tC.20}$ | 153 | 167 | 176 | 160 | 188 | 199 | 478 | 698 | 958 | 1.113 | 1.213 |
| 9 | --- | $Pt_{0.40}$ | 121 | 140 | 169 | 197 | 233 | 260 | 272 | 284 | 352 | 357 | 313 |
| | FAN | $P_{tF.40}$ | 58 | 64 | 74 | 81 | 106 | 110 | 123 | 165 | 195 | 254 | 302 |
| | CC | $P_{tC.20}$ | 149 | 155 | 167 | 176 | 183 | 185 | 460 | 672 | 894 | 1.020 | 1.093 |
| 10 | --- | $Pt_{0.40}$ | 115 | 144 | 163 | 175 | 220 | 280 | 260 | 268 | 341 | 357 | 314 |
| | FAN | $P_{tF.40}$ | 55 | 63 | 71 | 67 | 99 | 107 | 116 | 152 | 184 | 244 | 283 |
| | CC | $P_{tC.20}$ | 140 | 153 | 160 | 146 | 171 | 181 | 433 | 622 | 846 | 984 | 1.029 |
| 11,2 | --- | $Pt_{0.40}$ | 116 | 134 | 163 | 193 | 232 | 264 | 274 | 310 | 390 | 449 | 466 |
| | FAN | $P_{tF.40}$ | 54 | 58 | 67 | 74 | 96 | 100 | 108 | 143 | 174 | 221 | 256 |
| | CC | $P_{tC.20}$ | 138 | 142 | 153 | 161 | 166 | 168 | 407 | 591 | 809 | 906 | 955 |
| 12,5 | --- | $Pt_{0.40}$ | 110 | 137 | 157 | 168 | 219 | 275 | 260 | 292 | 374 | 438 | 447 |
| | FAN | $P_{tF.40}$ | 51 | 58 | 65 | 61 | 90 | 97 | 102 | 134 | 164 | 212 | 240 |
| | CC | $P_{tC.20}$ | 130 | 142 | 146 | 134 | 155 | 164 | 384 | 554 | 767 | 870 | 895 |
| 14 | --- | $Pt_{0.40}$ | 110 | 128 | 154 | 185 | 226 | 258 | 264 | 313 | 397 | 479 | 520 |
| | FAN | $P_{tF.40}$ | 50 | 54 | 61 | 67 | 87 | 91 | 96 | 128 | 152 | 197 | 224 |
| | CC | $P_{tC.20}$ | 127 | 131 | 138 | 147 | 151 | 153 | 363 | 530 | 715 | 815 | 843 |
| 16 | --- | $Pt_{0.40}$ | 104 | 129 | 149 | 158 | 212 | 264 | 251 | 292 | 380 | 465 | 494 |
| | FAN | $P_{tF.40}$ | 47 | 53 | 58 | 55 | 81 | 89 | 91 | 119 | 145 | 189 | 210 |
| | CC | $P_{tC.20}$ | 119 | 130 | 133 | 121 | 141 | 149 | 344 | 494 | 679 | 783 | 792 |
| 18 | --- | $Pt_{0.40}$ | 99 | 120 | 142 | 174 | 211 | 248 | 246 | 298 | 381 | 481 | 534 |
| | FAN | $P_{tF.40}$ | 44 | 50 | 54 | 61 | 78 | 83 | 84 | 110 | 131 | 174 | 193 |
| | CC | $P_{tC.20}$ | 113 | 121 | 124 | 133 | 135 | 140 | 317 | 460 | 617 | 723 | 735 |
| 20 | --- | $Pt_{0.40}$ | 94 | 116 | 137 | 145 | 198 | 245 | 233 | 279 | 365 | 466 | 507 |
| | FAN | $P_{tF.40}$ | 42 | 48 | 52 | 50 | 73 | 79 | 80 | 103 | 125 | 167 | 182 |
| | CC | $P_{tC.20}$ | 107 | 116 | 119 | 109 | 126 | 133 | 301 | 431 | 588 | 696 | 693 |
| 22,4 | --- | $Pt_{0.40}$ | 91 | 109 | 128 | 160 | 192 | 230 | 145 | 174 | 197 | 458 | 110 |
| | FAN | $P_{tF.40}$ | 40 | 44 | 48 | 54 | 68 | 74 | 74 | 95 | 118 | 150 | 187 |
| | CC | $P_{tC.20}$ | 102 | 108 | 109 | 119 | 118 | 125 | 274 | 392 | 539 | 628 | 648 |
| 25 | --- | $Pt_{0.40}$ | 87 | 106 | 124 | 131 | 181 | 222 | 143 | 174 | 198 | 444 | 141 |
| | FAN | $P_{tF.40}$ | 38 | 43 | 46 | 44 | 64 | 69 | 69 | 90 | 109 | 145 | 172 |
| | CC | $P_{tC.20}$ | 97 | 105 | 105 | 96 | 111 | 117 | 256 | 371 | 501 | 606 | 608 |
| 28 | --- | $Pt_{0.40}$ | 68 | 100 | 89 | 144 | 144 | 209 | 137 | 165 | 191 | 255 | 136 |
| | FAN | $P_{tF.40}$ | 32 | 40 | 38 | 48 | 56 | 65 | 66 | 85 | 105 | 130 | 164 |
| | CC | $P_{tC.20}$ | 82 | 98 | 87 | 105 | 97 | 110 | 245 | 350 | 481 | 527 | 580 |
| 31,5 | --- | $Pt_{0.40}$ | 65 | 79 | 87 | 95 | 137 | 168 | 159 | 203 | 244 | 249 | 269 |
| | FAN | $P_{tF.40}$ | 30 | 34 | 37 | 36 | 53 | 57 | 63 | 82 | 97 | 118 | 143 |
| | CC | $P_{tC.20}$ | 78 | 83 | 84 | 78 | 92 | 96 | 237 | 343 | 457 | 482 | 527 |
| 35,5 | --- | $Pt_{0.40}$ | 62 | 75 | 82 | 102 | 131 | 159 | 152 | 191 | 234 | 243 | 257 |
| | FAN | $P_{tF.40}$ | 29 | 32 | 35 | 38 | 50 | 54 | 60 | 78 | 93 | 115 | 137 |
| | CC | $P_{tC.20}$ | 75 | 79 | 79 | 84 | 87 | 91 | 227 | 324 | 439 | 469 | 504 |
| 40 | --- | $Pt_{0.40}$ | 60 | 73 | 80 | 87 | 124 | 152 | 146 | 186 | 224 | 290 | 256 |
| | FAN | $P_{tF.40}$ | 28 | 31 | 34 | 33 | 48 | 51 | 56 | 74 | 87 | 106 | 130 |
| | CC | $P_{tC.20}$ | 72 | 76 | 77 | 72 | 83 | 86 | 213 | 307 | 408 | 440 | 479 |
| 45 | --- | $Pt_{0.40}$ | 58 | 69 | 79 | 94 | 121 | 145 | 140 | 176 | 216 | 283 | 245 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 33 | 35 | 46 | 48 | 54 | 70 | 84 | 103 | 124 |
| | CC | $P_{tC.20}$ | 69 | 72 | 76 | 77 | 80 | 81 | 204 | 291 | 393 | 428 | 458 |

*** Additional Cooling Necessary - Consult Factory**



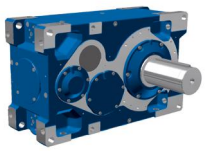
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 55 | 67 | 77 | 84 | 116 | 141 | 145 | 186 | 235 | 265 | 324 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 32 | 31 | 44 | 47 | 50 | 66 | 78 | 95 | 113 |
| | CC | $P_{tC.20}$ | 66 | 70 | 74 | 69 | 76 | 79 | 191 | 275 | 371 | 393 | 429 |
| 56 | --- | $Pt_{0.40}$ | 58 | 63 | 79 | 90 | 125 | 134 | 139 | 176 | 226 | 258 | 310 |
| | FAN | $P_{tF.40}$ | 26 | 27 | 31 | 34 | 44 | 44 | 48 | 62 | 75 | 92 | 108 |
| | CC | $P_{tC.20}$ | 66 | 66 | 71 | 74 | 77 | 75 | 183 | 261 | 357 | 382 | 410 |
| 63 | --- | $Pt_{0.40}$ | 55 | 67 | 76 | 82 | 119 | 144 | 132 | 169 | 214 | 272 | 300 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 30 | 29 | 42 | 45 | 45 | 59 | 70 | 86 | 103 |
| | CC | $P_{tC.20}$ | 63 | 67 | 68 | 64 | 73 | 76 | 172 | 248 | 333 | 358 | 392 |
| 71 | --- | $Pt_{0.40}$ | 53 | 63 | 72 | 89 | 112 | 137 | 127 | 160 | 206 | 265 | 287 |
| | FAN | $P_{tF.40}$ | 24 | 26 | 28 | 31 | 40 | 43 | 44 | 56 | 68 | 84 | 98 |
| | CC | $P_{tC.20}$ | 61 | 64 | 65 | 68 | 69 | 72 | 165 | 236 | 321 | 348 | 374 |
| 80 | --- | $Pt_{0.40}$ | 51 | 61 | 70 | 75 | 107 | 129 | 122 | 157 | 202 | 247 | 292 |
| | FAN | $P_{tF.40}$ | 23 | 25 | 27 | 26 | 38 | 40 | 39 | 51 | 61 | 77 | 87 |
| | CC | $P_{tC.20}$ | 58 | 62 | 62 | 58 | 65 | 68 | 150 | 216 | 291 | 321 | 333 |
| 90 | --- | $Pt_{0.40}$ | 49 | 58 | 70 | 81 | 104 | 123 | 117 | 149 | 194 | 241 | 280 |
| | FAN | $P_{tF.40}$ | 22 | 24 | 27 | 28 | 36 | 38 | 38 | 49 | 59 | 75 | 84 |
| | CC | $P_{tC.20}$ | 56 | 58 | 62 | 62 | 63 | 64 | 144 | 206 | 281 | 312 | 320 |
| 100 | --- | $Pt_{0.40}$ | 47 | 56 | 67 | 72 | 99 | 120 | 111 | 144 | 184 | 231 | 270 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 26 | 25 | 35 | 37 | 36 | 47 | 55 | 67 | 80 |
| | CC | $P_{tC.20}$ | 53 | 57 | 60 | 56 | 60 | 62 | 136 | 196 | 264 | 281 | 307 |
| 112 | --- | $Pt_{0.40}$ | 45 | 53 | 62 | 78 | 96 | 114 | 107 | 137 | 178 | 226 | 259 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 24 | 27 | 33 | 35 | 35 | 44 | 54 | 65 | 77 |
| | CC | $P_{tC.20}$ | 51 | 54 | 54 | 60 | 57 | 59 | 131 | 187 | 255 | 274 | 295 |
| 125 | --- | $Pt_{0.40}$ | 43 | 52 | 60 | 65 | 94 | 110 | --- | --- | --- | 211 | --- |
| | FAN | $P_{tF.40}$ | 19 | 21 | 23 | 22 | 32 | 33 | --- | --- | --- | 61 | --- |
| | CC | $P_{tC.20}$ | 49 | 52 | 52 | 49 | 56 | 57 | --- | --- | --- | 254 | --- |
| 140 | --- | $Pt_{0.40}$ | 41 | 49 | 60 | 69 | 89 | 108 | --- | --- | --- | 206 | --- |
| | FAN | $P_{tF.40}$ | 18 | 20 | 23 | 24 | 30 | 32 | --- | --- | --- | 59 | --- |
| | CC | $P_{tC.20}$ | 47 | 49 | 52 | 52 | 53 | 55 | --- | --- | --- | 248 | --- |
| 160 | --- | $Pt_{0.40}$ | 40 | 48 | 58 | 62 | 86 | 102 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 17 | 19 | 22 | 21 | 29 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 45 | 48 | 50 | 47 | 50 | 52 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 31 | 45 | 46 | 67 | 82 | 98 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 18 | 18 | 23 | 28 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 45 | 40 | 50 | 48 | 50 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 30 | 36 | 45 | 49 | 68 | 94 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 17 | 17 | 22 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 37 | 39 | 47 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 29 | 34 | 43 | 52 | 65 | 77 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 14 | 16 | 18 | 22 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 39 | 38 | 38 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 28 | 34 | 42 | 45 | 62 | 74 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 14 | 16 | 15 | 21 | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 36 | 34 | 36 | 37 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 28 | 32 | 42 | 48 | 60 | 71 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 12 | 13 | 16 | 16 | 20 | 21 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 33 | 36 | 36 | 35 | 35 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 27 | 32 | 41 | 44 | 59 | 68 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 12 | 13 | 15 | 15 | 19 | 20 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 30 | 32 | 35 | 33 | 34 | 34 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 30 | --- | 47 | 57 | 67 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 12 | --- | 16 | 19 | 20 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 31 | --- | 35 | 33 | 33 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 65 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 19 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 32 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1200 rpm
# @ 20°C = 68°F



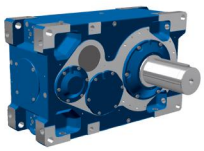
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 185 | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 190 | 257 | 266 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 605 | 933 | 1.209 | --- | 721 |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 189 | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 177 | 262 | 288 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 566 | 883 | 1.171 | --- | 747 |
| 7,1 | --- | $Pt_{0.20}$ | 147 | --- | 195 | --- | 249 | --- | 264 | 191 | 200 | * | * |
| | FAN | $P_{tF.20}$ | 78 | --- | 98 | --- | 141 | --- | 166 | 234 | 282 | 414 | 217 |
| | CC | $P_{tC.20}$ | 169 | --- | 191 | --- | 212 | --- | 538 | 814 | 1.099 | 1.315 | 1.196 |
| 8 | --- | $Pt_{0.20}$ | 140 | 178 | 190 | 208 | 238 | 314 | 257 | 191 | 213 | 32 | * |
| | FAN | $P_{tF.20}$ | 73 | 83 | 94 | 88 | 132 | 141 | 155 | 214 | 263 | 396 | 256 |
| | CC | $P_{tC.20}$ | 160 | 174 | 183 | 167 | 197 | 208 | 506 | 750 | 1.033 | 1.257 | 1.158 |
| 9 | --- | $Pt_{0.20}$ | 145 | 167 | 199 | 232 | 270 | 298 | 306 | 295 | 361 | 320 | 199 |
| | FAN | $P_{tF.20}$ | 71 | 77 | 89 | 96 | 127 | 131 | 147 | 199 | 233 | 309 | 382 |
| | CC | $P_{tC.20}$ | 154 | 161 | 174 | 183 | 191 | 193 | 483 | 712 | 949 | 1.095 | 1.197 |
| 10 | --- | $Pt_{0.20}$ | 137 | 173 | 193 | 208 | 255 | 329 | 293 | 281 | 353 | 328 | 218 |
| | FAN | $P_{tF.20}$ | 67 | 76 | 85 | 80 | 118 | 127 | 138 | 183 | 220 | 297 | 355 |
| | CC | $P_{tC.20}$ | 146 | 159 | 167 | 152 | 178 | 188 | 455 | 659 | 898 | 1.055 | 1.122 |
| 11,2 | --- | $Pt_{0.20}$ | 140 | 162 | 195 | 231 | 274 | 310 | 318 | 346 | 430 | 478 | 467 |
| | FAN | $P_{tF.20}$ | 65 | 70 | 81 | 88 | 115 | 118 | 128 | 171 | 206 | 263 | 306 |
| | CC | $P_{tC.20}$ | 143 | 147 | 158 | 167 | 173 | 175 | 425 | 622 | 852 | 959 | 1.015 |
| 12,5 | --- | $Pt_{0.20}$ | 133 | 166 | 188 | 202 | 258 | 328 | 303 | 327 | 415 | 470 | 453 |
| | FAN | $P_{tF.20}$ | 62 | 70 | 78 | 73 | 107 | 115 | 121 | 160 | 195 | 252 | 286 |
| | CC | $P_{tC.20}$ | 135 | 147 | 152 | 138 | 161 | 170 | 402 | 582 | 807 | 919 | 950 |
| 14 | --- | $Pt_{0.20}$ | 132 | 155 | 185 | 223 | 269 | 308 | 312 | 361 | 456 | 540 | 571 |
| | FAN | $P_{tF.20}$ | 60 | 65 | 73 | 80 | 104 | 107 | 114 | 151 | 179 | 232 | 263 |
| | CC | $P_{tC.20}$ | 131 | 136 | 143 | 152 | 157 | 159 | 379 | 555 | 749 | 856 | 886 |
| 16 | --- | $Pt_{0.20}$ | 125 | 156 | 179 | 191 | 253 | 318 | 297 | 338 | 437 | 526 | 546 |
| | FAN | $P_{tF.20}$ | 57 | 64 | 70 | 66 | 97 | 104 | 108 | 141 | 170 | 223 | 247 |
| | CC | $P_{tC.20}$ | 124 | 135 | 137 | 126 | 147 | 154 | 359 | 517 | 712 | 823 | 833 |
| 18 | --- | $Pt_{0.20}$ | 120 | 146 | 172 | 210 | 254 | 298 | 293 | 351 | 448 | 560 | 615 |
| | FAN | $P_{tF.20}$ | 53 | 60 | 65 | 72 | 93 | 98 | 99 | 130 | 153 | 203 | 226 |
| | CC | $P_{tC.20}$ | 117 | 125 | 128 | 138 | 139 | 144 | 330 | 480 | 644 | 757 | 768 |
| 20 | --- | $Pt_{0.20}$ | 114 | 141 | 166 | 177 | 239 | 297 | 279 | 329 | 429 | 543 | 584 |
| | FAN | $P_{tF.20}$ | 51 | 57 | 63 | 59 | 87 | 93 | 94 | 122 | 146 | 196 | 213 |
| | CC | $P_{tC.20}$ | 111 | 120 | 123 | 113 | 131 | 138 | 314 | 450 | 614 | 728 | 724 |
| 22,4 | --- | $Pt_{0.20}$ | 111 | 132 | 156 | 194 | 232 | 279 | 158 | 184 | 194 | 544 | * |
| | FAN | $P_{tF.20}$ | 48 | 53 | 57 | 65 | 81 | 87 | 88 | 115 | 142 | 175 | 244 |
| | CC | $P_{tC.20}$ | 106 | 112 | 113 | 123 | 122 | 129 | 289 | 415 | 575 | 655 | 729 |
| 25 | --- | $Pt_{0.20}$ | 105 | 129 | 151 | 160 | 219 | 270 | 157 | 188 | 202 | 527 | 47 |
| | FAN | $P_{tF.20}$ | 46 | 52 | 55 | 52 | 76 | 81 | 82 | 108 | 131 | 169 | 231 |
| | CC | $P_{tC.20}$ | 100 | 109 | 109 | 100 | 115 | 121 | 270 | 392 | 533 | 631 | 686 |
| 28 | --- | $Pt_{0.20}$ | 81 | 121 | 106 | 175 | 171 | 254 | 151 | 178 | 195 | 267 | 49 |
| | FAN | $P_{tF.20}$ | 39 | 48 | 46 | 57 | 67 | 77 | 79 | 102 | 125 | 155 | 219 |
| | CC | $P_{tC.20}$ | 85 | 101 | 90 | 108 | 101 | 113 | 259 | 370 | 511 | 559 | 653 |
| 31,5 | --- | $Pt_{0.20}$ | 78 | 95 | 103 | 114 | 163 | 202 | 185 | 233 | 276 | 266 | 272 |
| | FAN | $P_{tF.20}$ | 37 | 41 | 44 | 43 | 64 | 67 | 75 | 98 | 115 | 141 | 171 |
| | CC | $P_{tC.20}$ | 81 | 86 | 87 | 81 | 96 | 99 | 248 | 359 | 480 | 511 | 562 |
| 35,5 | --- | $Pt_{0.20}$ | 75 | 90 | 98 | 122 | 156 | 191 | 177 | 220 | 266 | 260 | 261 |
| | FAN | $P_{tF.20}$ | 36 | 39 | 42 | 46 | 60 | 64 | 71 | 92 | 110 | 137 | 163 |
| | CC | $P_{tC.20}$ | 78 | 81 | 82 | 87 | 90 | 94 | 237 | 339 | 461 | 497 | 537 |
| 40 | --- | $Pt_{0.20}$ | 72 | 88 | 95 | 105 | 148 | 183 | 170 | 215 | 256 | 334 | 264 |
| | FAN | $P_{tF.20}$ | 34 | 38 | 41 | 39 | 57 | 60 | 67 | 87 | 102 | 125 | 155 |
| | CC | $P_{tC.20}$ | 75 | 79 | 80 | 74 | 86 | 89 | 222 | 321 | 428 | 462 | 509 |
| 45 | --- | $Pt_{0.20}$ | 69 | 83 | 95 | 113 | 145 | 174 | 163 | 203 | 246 | 326 | 253 |
| | FAN | $P_{tF.20}$ | 33 | 36 | 40 | 42 | 55 | 57 | 64 | 83 | 98 | 121 | 148 |
| | CC | $P_{tC.20}$ | 72 | 75 | 79 | 80 | 83 | 84 | 213 | 304 | 412 | 449 | 487 |

*** Additional Cooling Necessary - Consult Factory**



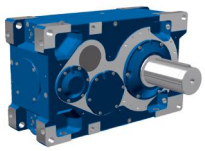
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 66 | 81 | 92 | 101 | 138 | 170 | 172 | 220 | 277 | 307 | 376 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 39 | 37 | 52 | 55 | 59 | 77 | 92 | 111 | 132 |
| | CC | $P_{tC.20}$ | 68 | 73 | 76 | 71 | 79 | 82 | 199 | 287 | 388 | 411 | 448 |
| 56 | --- | $Pt_{0.20}$ | 70 | 76 | 95 | 109 | 152 | 162 | 165 | 208 | 267 | 299 | 359 |
| | FAN | $P_{tF.20}$ | 31 | 33 | 37 | 40 | 53 | 52 | 57 | 73 | 88 | 108 | 126 |
| | CC | $P_{tC.20}$ | 69 | 69 | 73 | 76 | 80 | 78 | 191 | 272 | 373 | 401 | 428 |
| 63 | --- | $Pt_{0.20}$ | 67 | 81 | 92 | 100 | 144 | 176 | 158 | 201 | 252 | 324 | 349 |
| | FAN | $P_{tF.20}$ | 30 | 33 | 36 | 34 | 50 | 53 | 54 | 70 | 82 | 100 | 120 |
| | CC | $P_{tC.20}$ | 66 | 70 | 71 | 66 | 76 | 78 | 179 | 259 | 348 | 373 | 409 |
| 71 | --- | $Pt_{0.20}$ | 64 | 77 | 87 | 108 | 136 | 167 | 151 | 191 | 243 | 315 | 334 |
| | FAN | $P_{tF.20}$ | 29 | 31 | 34 | 37 | 47 | 50 | 52 | 66 | 79 | 97 | 115 |
| | CC | $P_{tC.20}$ | 63 | 66 | 67 | 71 | 71 | 74 | 172 | 246 | 335 | 363 | 391 |
| 80 | --- | $Pt_{0.20}$ | 61 | 74 | 85 | 92 | 130 | 158 | 147 | 189 | 242 | 294 | 349 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 33 | 31 | 45 | 47 | 46 | 60 | 71 | 90 | 101 |
| | CC | $P_{tC.20}$ | 60 | 64 | 65 | 60 | 68 | 70 | 156 | 224 | 303 | 334 | 346 |
| 90 | --- | $Pt_{0.20}$ | 59 | 70 | 84 | 99 | 126 | 150 | 141 | 179 | 234 | 287 | 335 |
| | FAN | $P_{tF.20}$ | 26 | 29 | 33 | 34 | 43 | 45 | 45 | 57 | 69 | 87 | 97 |
| | CC | $P_{tC.20}$ | 58 | 60 | 64 | 65 | 65 | 66 | 150 | 214 | 293 | 326 | 332 |
| 100 | --- | $Pt_{0.20}$ | 57 | 68 | 81 | 88 | 120 | 146 | 134 | 173 | 221 | 279 | 323 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 32 | 30 | 41 | 43 | 42 | 55 | 65 | 78 | 93 |
| | CC | $P_{tC.20}$ | 55 | 59 | 62 | 58 | 62 | 64 | 141 | 204 | 275 | 292 | 319 |
| 112 | --- | $Pt_{0.20}$ | 55 | 65 | 75 | 95 | 117 | 138 | 129 | 164 | 214 | 272 | 310 |
| | FAN | $P_{tF.20}$ | 24 | 26 | 28 | 32 | 39 | 41 | 41 | 52 | 62 | 76 | 89 |
| | CC | $P_{tC.20}$ | 53 | 56 | 56 | 62 | 59 | 61 | 136 | 195 | 265 | 285 | 306 |
| 125 | --- | $Pt_{0.20}$ | 52 | 63 | 73 | 79 | 114 | 135 | --- | --- | --- | 254 | --- |
| | FAN | $P_{tF.20}$ | 23 | 25 | 27 | 26 | 38 | 39 | --- | --- | --- | 71 | --- |
| | CC | $P_{tC.20}$ | 50 | 53 | 54 | 50 | 57 | 58 | --- | --- | --- | 264 | --- |
| 140 | --- | $Pt_{0.20}$ | 50 | 60 | 73 | 85 | 109 | 131 | --- | --- | --- | 248 | --- |
| | FAN | $P_{tF.20}$ | 22 | 24 | 27 | 28 | 36 | 38 | --- | --- | --- | 69 | --- |
| | CC | $P_{tC.20}$ | 48 | 51 | 54 | 54 | 55 | 56 | --- | --- | --- | 258 | --- |
| 160 | --- | $Pt_{0.20}$ | 48 | 58 | 70 | 76 | 105 | 125 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 21 | 23 | 26 | 25 | 34 | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 46 | 49 | 52 | 48 | 52 | 54 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 38 | 55 | 56 | 81 | 100 | 120 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 22 | 21 | 27 | 33 | 35 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 47 | 42 | 52 | 50 | 51 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 37 | 44 | 55 | 60 | 83 | 114 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 20 | 20 | 27 | 33 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 40 | 38 | 40 | 49 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 36 | 42 | 53 | 63 | 80 | 95 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 20 | 21 | 26 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 40 | 39 | 39 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 35 | 41 | 51 | 56 | 76 | 91 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 17 | 19 | 18 | 25 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 35 | 37 | 38 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 33 | 39 | 51 | 59 | 73 | 87 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 16 | 19 | 20 | 24 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 37 | 36 | 36 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 32 | 38 | 50 | 54 | 72 | 84 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 14 | 16 | 18 | 18 | 23 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 31 | 33 | 36 | 34 | 35 | 35 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 37 | --- | 57 | 69 | 82 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 15 | --- | 19 | 22 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 36 | 34 | 34 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 79 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 33 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1200 rpm
# @ 40°C = 104°F



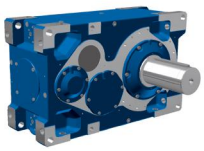
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 63 | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 195 | 55 | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 651 | 830 | 1.076 | --- | 470 |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 79 | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 179 | 83 | 44 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 605 | 787 | 1.046 | --- | 517 |
| 7,1 | --- | $Pt_{0.40}$ | 120 | --- | 154 | --- | 182 | --- | 171 | 34 | * | * | * |
| | FAN | $P_{tF.40}$ | 68 | --- | 88 | --- | 129 | --- | 156 | 247 | 294 | 138 | * |
| | CC | $P_{tC.20}$ | 173 | --- | 198 | --- | 221 | --- | 563 | 880 | 1.180 | 1.157 | 995 |
| 8 | --- | $Pt_{0.40}$ | 114 | 146 | 151 | 167 | 176 | 238 | 170 | 50 | 13 | * | * |
| | FAN | $P_{tF.40}$ | 64 | 73 | 84 | 79 | 120 | 129 | 146 | 223 | 287 | 173 | * |
| | CC | $P_{tC.20}$ | 163 | 178 | 189 | 172 | 206 | 217 | 528 | 807 | 1.121 | 1.137 | 971 |
| 9 | --- | $Pt_{0.40}$ | 120 | 137 | 162 | 186 | 211 | 228 | 225 | 181 | 210 | 96 | * |
| | FAN | $P_{tF.40}$ | 62 | 68 | 79 | 87 | 115 | 120 | 136 | 189 | 225 | 323 | 318 |
| | CC | $P_{tC.20}$ | 158 | 165 | 179 | 189 | 198 | 201 | 501 | 745 | 994 | 1.178 | 1.221 |
| 10 | --- | $Pt_{0.40}$ | 114 | 144 | 157 | 171 | 200 | 261 | 218 | 176 | 213 | 117 | * |
| | FAN | $P_{tF.40}$ | 58 | 67 | 76 | 72 | 107 | 116 | 128 | 174 | 212 | 305 | 328 |
| | CC | $P_{tC.20}$ | 149 | 162 | 172 | 156 | 185 | 195 | 472 | 689 | 938 | 1.129 | 1.175 |
| 11,2 | --- | $Pt_{0.40}$ | 117 | 135 | 161 | 189 | 221 | 247 | 249 | 251 | 301 | 310 | 260 |
| | FAN | $P_{tF.40}$ | 57 | 62 | 72 | 79 | 103 | 108 | 118 | 159 | 194 | 251 | 298 |
| | CC | $P_{tC.20}$ | 146 | 150 | 163 | 172 | 179 | 181 | 440 | 645 | 885 | 1.001 | 1.068 |
| 12,5 | --- | $Pt_{0.40}$ | 111 | 140 | 156 | 168 | 209 | 267 | 237 | 239 | 293 | 309 | 260 |
| | FAN | $P_{tF.40}$ | 54 | 62 | 69 | 65 | 96 | 105 | 111 | 149 | 184 | 240 | 277 |
| | CC | $P_{tC.20}$ | 137 | 150 | 156 | 142 | 167 | 176 | 415 | 604 | 838 | 959 | 998 |
| 14 | --- | $Pt_{0.40}$ | 111 | 130 | 155 | 185 | 222 | 251 | 251 | 277 | 346 | 394 | 399 |
| | FAN | $P_{tF.40}$ | 52 | 57 | 65 | 72 | 93 | 97 | 104 | 140 | 167 | 218 | 249 |
| | CC | $P_{tC.20}$ | 134 | 139 | 147 | 156 | 162 | 164 | 391 | 573 | 774 | 888 | 922 |
| 16 | --- | $Pt_{0.40}$ | 106 | 132 | 150 | 160 | 209 | 263 | 239 | 260 | 332 | 386 | 384 |
| | FAN | $P_{tF.40}$ | 49 | 56 | 62 | 59 | 87 | 95 | 99 | 130 | 159 | 209 | 234 |
| | CC | $P_{tC.20}$ | 126 | 138 | 141 | 129 | 151 | 159 | 370 | 534 | 736 | 852 | 866 |
| 18 | --- | $Pt_{0.40}$ | 102 | 123 | 145 | 176 | 212 | 247 | 240 | 279 | 355 | 434 | 469 |
| | FAN | $P_{tF.40}$ | 47 | 52 | 58 | 65 | 83 | 88 | 90 | 120 | 142 | 189 | 211 |
| | CC | $P_{tC.20}$ | 119 | 128 | 131 | 141 | 144 | 149 | 340 | 496 | 664 | 781 | 794 |
| 20 | --- | $Pt_{0.40}$ | 97 | 120 | 140 | 149 | 199 | 248 | 228 | 262 | 340 | 422 | 447 |
| | FAN | $P_{tF.40}$ | 44 | 50 | 56 | 53 | 78 | 84 | 86 | 112 | 135 | 182 | 199 |
| | CC | $P_{tC.20}$ | 113 | 123 | 126 | 116 | 135 | 142 | 323 | 464 | 633 | 752 | 749 |
| 22,4 | --- | $Pt_{0.40}$ | 94 | 112 | 132 | 164 | 195 | 233 | 109 | 119 | 102 | 436 | * |
| | FAN | $P_{tF.40}$ | 42 | 47 | 51 | 58 | 72 | 79 | 83 | 108 | 139 | 162 | 68 |
| | CC | $P_{tC.20}$ | 108 | 114 | 115 | 126 | 126 | 133 | 301 | 432 | 604 | 674 | 627 |
| 25 | --- | $Pt_{0.40}$ | 89 | 110 | 128 | 136 | 184 | 227 | 112 | 126 | 118 | 423 | * |
| | FAN | $P_{tF.40}$ | 40 | 45 | 49 | 47 | 68 | 74 | 77 | 102 | 126 | 156 | 124 |
| | CC | $P_{tC.20}$ | 102 | 111 | 111 | 102 | 118 | 124 | 281 | 408 | 558 | 650 | 637 |
| 28 | --- | $Pt_{0.40}$ | 68 | 103 | 87 | 148 | 140 | 214 | 107 | 120 | 115 | 167 | * |
| | FAN | $P_{tF.40}$ | 34 | 42 | 41 | 51 | 60 | 69 | 73 | 96 | 121 | 149 | 121 |
| | CC | $P_{tC.20}$ | 87 | 103 | 92 | 111 | 104 | 117 | 269 | 385 | 535 | 586 | 610 |
| 31,5 | --- | $Pt_{0.40}$ | 65 | 79 | 85 | 94 | 133 | 166 | 144 | 179 | 205 | 176 | 155 |
| | FAN | $P_{tF.40}$ | 32 | 36 | 39 | 38 | 57 | 61 | 69 | 90 | 107 | 135 | 168 |
| | CC | $P_{tC.20}$ | 83 | 88 | 89 | 83 | 99 | 103 | 256 | 371 | 496 | 534 | 594 |
| 35,5 | --- | $Pt_{0.40}$ | 63 | 75 | 81 | 101 | 128 | 158 | 138 | 169 | 198 | 172 | 149 |
| | FAN | $P_{tF.40}$ | 31 | 34 | 37 | 41 | 54 | 58 | 66 | 85 | 103 | 131 | 160 |
| | CC | $P_{tC.20}$ | 80 | 83 | 84 | 89 | 93 | 97 | 245 | 350 | 476 | 520 | 567 |
| 40 | --- | $Pt_{0.40}$ | 60 | 73 | 79 | 87 | 122 | 151 | 134 | 167 | 193 | 256 | 160 |
| | FAN | $P_{tF.40}$ | 30 | 33 | 36 | 35 | 51 | 54 | 61 | 81 | 96 | 117 | 150 |
| | CC | $P_{tC.20}$ | 76 | 81 | 82 | 76 | 89 | 92 | 229 | 332 | 443 | 478 | 537 |
| 45 | --- | $Pt_{0.40}$ | 58 | 70 | 78 | 93 | 120 | 144 | 128 | 157 | 185 | 250 | 154 |
| | FAN | $P_{tF.40}$ | 29 | 31 | 36 | 37 | 49 | 52 | 59 | 76 | 92 | 114 | 143 |
| | CC | $P_{tC.20}$ | 73 | 77 | 81 | 81 | 86 | 87 | 220 | 314 | 426 | 465 | 513 |

*** Additional Cooling Necessary - Consult Factory**



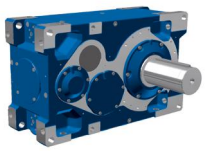
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 55 | 68 | 76 | 84 | 114 | 141 | 140 | 178 | 221 | 237 | 291 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 34 | 33 | 47 | 50 | 54 | 71 | 85 | 104 | 123 |
| | CC | $P_{tC.20}$ | 70 | 74 | 78 | 73 | 82 | 84 | 205 | 296 | 399 | 426 | 463 |
| 56 | --- | $Pt_{0.40}$ | 59 | 64 | 80 | 90 | 128 | 134 | 135 | 168 | 213 | 232 | 279 |
| | FAN | $P_{tF.40}$ | 27 | 29 | 33 | 36 | 47 | 47 | 52 | 67 | 82 | 101 | 117 |
| | CC | $P_{tC.20}$ | 70 | 70 | 75 | 78 | 82 | 80 | 196 | 280 | 384 | 415 | 443 |
| 63 | --- | $Pt_{0.40}$ | 57 | 69 | 78 | 84 | 121 | 148 | 129 | 163 | 202 | 262 | 272 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 32 | 31 | 45 | 48 | 49 | 64 | 76 | 93 | 112 |
| | CC | $P_{tC.20}$ | 67 | 71 | 72 | 67 | 78 | 81 | 185 | 266 | 358 | 384 | 422 |
| 71 | --- | $Pt_{0.40}$ | 54 | 65 | 74 | 91 | 115 | 140 | 123 | 154 | 195 | 255 | 260 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 30 | 33 | 42 | 45 | 47 | 61 | 73 | 90 | 107 |
| | CC | $P_{tC.20}$ | 64 | 67 | 68 | 72 | 73 | 77 | 177 | 253 | 345 | 374 | 404 |
| 80 | --- | $Pt_{0.40}$ | 52 | 63 | 71 | 77 | 109 | 133 | 122 | 156 | 199 | 239 | 284 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 29 | 28 | 40 | 43 | 42 | 55 | 66 | 83 | 94 |
| | CC | $P_{tC.20}$ | 61 | 65 | 66 | 61 | 70 | 72 | 160 | 231 | 311 | 344 | 356 |
| 90 | --- | $Pt_{0.40}$ | 50 | 60 | 71 | 83 | 106 | 126 | 117 | 148 | 192 | 233 | 273 |
| | FAN | $P_{tF.40}$ | 23 | 25 | 29 | 30 | 39 | 41 | 41 | 52 | 63 | 81 | 90 |
| | CC | $P_{tC.20}$ | 59 | 62 | 66 | 66 | 67 | 68 | 154 | 220 | 300 | 336 | 342 |
| 100 | --- | $Pt_{0.40}$ | 48 | 58 | 68 | 74 | 101 | 123 | 112 | 143 | 182 | 231 | 264 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 28 | 27 | 37 | 39 | 38 | 50 | 60 | 72 | 86 |
| | CC | $P_{tC.20}$ | 56 | 60 | 63 | 59 | 64 | 66 | 146 | 210 | 282 | 300 | 328 |
| 112 | --- | $Pt_{0.40}$ | 46 | 55 | 64 | 80 | 99 | 117 | 107 | 136 | 176 | 226 | 254 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 25 | 29 | 35 | 37 | 37 | 48 | 58 | 70 | 83 |
| | CC | $P_{tC.20}$ | 54 | 57 | 57 | 63 | 61 | 63 | 140 | 200 | 273 | 293 | 315 |
| 125 | --- | $Pt_{0.40}$ | 44 | 54 | 62 | 67 | 97 | 114 | --- | --- | --- | 211 | --- |
| | FAN | $P_{tF.40}$ | 20 | 22 | 24 | 23 | 34 | 36 | --- | --- | --- | 65 | --- |
| | CC | $P_{tC.20}$ | 51 | 55 | 55 | 51 | 59 | 60 | --- | --- | --- | 272 | --- |
| 140 | --- | $Pt_{0.40}$ | 43 | 51 | 61 | 71 | 92 | 111 | --- | --- | --- | 206 | --- |
| | FAN | $P_{tF.40}$ | 19 | 21 | 24 | 25 | 32 | 34 | --- | --- | --- | 64 | --- |
| | CC | $P_{tC.20}$ | 49 | 52 | 55 | 55 | 56 | 58 | --- | --- | --- | 265 | --- |
| 160 | --- | $Pt_{0.40}$ | 41 | 49 | 59 | 64 | 89 | 106 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 18 | 21 | 23 | 22 | 31 | 33 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 47 | 50 | 53 | 49 | 53 | 55 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 32 | 47 | 48 | 69 | 85 | 102 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 19 | 18 | 24 | 29 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 48 | 42 | 53 | 51 | 53 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 31 | 37 | 47 | 51 | 71 | 97 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 18 | 18 | 24 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 39 | 41 | 50 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 30 | 35 | 44 | 54 | 68 | 81 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 15 | 17 | 19 | 23 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 41 | 40 | 41 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 29 | 35 | 43 | 47 | 65 | 78 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 17 | 16 | 22 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 38 | 36 | 38 | 39 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 28 | 33 | 43 | 50 | 63 | 74 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 14 | 17 | 17 | 21 | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 38 | 38 | 37 | 37 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 27 | 33 | 42 | 46 | 61 | 71 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 12 | 14 | 16 | 16 | 21 | 21 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 34 | 37 | 35 | 36 | 36 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 31 | --- | 48 | 59 | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 13 | --- | 17 | 20 | 21 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 37 | 35 | 35 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 67 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 20 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 34 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1500 rpm
# @ 20°C = 68°F



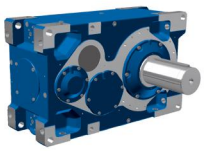
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 158 | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 654 | 621 | 797 | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 175 | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 635 | 608 | 803 | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | 136 | --- | 163 | --- | 162 | --- | 89 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 85 | --- | 109 | --- | 163 | --- | 212 | 128 | 26 | * | * |
| | CC | $P_{tC.20}$ | 184 | --- | 211 | --- | 242 | --- | 637 | 834 | 1.058 | 863 | 436 |
| 8 | --- | $Pt_{0.20}$ | 130 | 169 | 161 | 184 | 162 | 236 | 103 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 80 | 90 | 104 | 97 | 151 | 160 | 194 | 147 | 73 | * | * |
| | CC | $P_{tC.20}$ | 173 | 188 | 202 | 183 | 224 | 234 | 593 | 790 | 1.029 | 872 | 481 |
| 9 | --- | $Pt_{0.20}$ | 140 | 159 | 182 | 205 | 220 | 230 | 206 | 59 | 32 | * | * |
| | FAN | $P_{tF.20}$ | 76 | 84 | 98 | 106 | 142 | 148 | 170 | 265 | 323 | 198 | * |
| | CC | $P_{tC.20}$ | 167 | 174 | 190 | 201 | 212 | 217 | 546 | 853 | 1.149 | 1.153 | 959 |
| 10 | --- | $Pt_{0.20}$ | 134 | 171 | 178 | 196 | 212 | 285 | 203 | 73 | 59 | * | * |
| | FAN | $P_{tF.20}$ | 72 | 82 | 94 | 87 | 132 | 141 | 160 | 240 | 297 | 227 | * |
| | CC | $P_{tC.20}$ | 157 | 171 | 182 | 166 | 198 | 208 | 513 | 784 | 1.075 | 1.138 | 943 |
| 11,2 | --- | $Pt_{0.20}$ | 139 | 160 | 187 | 218 | 247 | 272 | 262 | 220 | 242 | 173 | * |
| | FAN | $P_{tF.20}$ | 70 | 76 | 88 | 96 | 126 | 131 | 145 | 200 | 245 | 330 | 417 |
| | CC | $P_{tC.20}$ | 154 | 158 | 172 | 182 | 190 | 193 | 473 | 705 | 972 | 1.124 | 1.242 |
| 12,5 | --- | $Pt_{0.20}$ | 132 | 167 | 182 | 198 | 234 | 305 | 252 | 214 | 243 | 187 | 14 |
| | FAN | $P_{tF.20}$ | 66 | 75 | 84 | 79 | 118 | 126 | 136 | 186 | 231 | 314 | 402 |
| | CC | $P_{tC.20}$ | 145 | 157 | 165 | 150 | 177 | 186 | 446 | 659 | 919 | 1.074 | 1.173 |
| 14 | --- | $Pt_{0.20}$ | 134 | 157 | 184 | 219 | 257 | 289 | 279 | 284 | 346 | 359 | 315 |
| | FAN | $P_{tF.20}$ | 64 | 70 | 79 | 87 | 113 | 118 | 127 | 172 | 205 | 270 | 312 |
| | CC | $P_{tC.20}$ | 141 | 146 | 155 | 165 | 171 | 174 | 417 | 618 | 837 | 967 | 1.014 |
| 16 | --- | $Pt_{0.20}$ | 127 | 159 | 178 | 192 | 243 | 310 | 267 | 268 | 336 | 356 | 312 |
| | FAN | $P_{tF.20}$ | 61 | 69 | 76 | 71 | 106 | 114 | 120 | 160 | 194 | 258 | 292 |
| | CC | $P_{tC.20}$ | 133 | 144 | 149 | 136 | 160 | 168 | 395 | 576 | 794 | 928 | 951 |
| 18 | --- | $Pt_{0.20}$ | 123 | 149 | 174 | 212 | 251 | 292 | 277 | 308 | 389 | 456 | 476 |
| | FAN | $P_{tF.20}$ | 57 | 64 | 70 | 78 | 100 | 106 | 109 | 146 | 171 | 229 | 256 |
| | CC | $P_{tC.20}$ | 125 | 134 | 138 | 149 | 151 | 157 | 361 | 530 | 711 | 840 | 855 |
| 20 | --- | $Pt_{0.20}$ | 117 | 146 | 168 | 181 | 237 | 298 | 264 | 289 | 374 | 445 | 457 |
| | FAN | $P_{tF.20}$ | 54 | 61 | 68 | 64 | 94 | 101 | 104 | 136 | 163 | 220 | 241 |
| | CC | $P_{tC.20}$ | 119 | 128 | 133 | 121 | 142 | 149 | 343 | 496 | 678 | 808 | 806 |
| 22,4 | --- | $Pt_{0.20}$ | 114 | 137 | 160 | 198 | 235 | 280 | 80 | 63 | * | 491 | * |
| | FAN | $P_{tF.20}$ | 52 | 57 | 62 | 70 | 88 | 94 | 106 | 145 | 175 | 194 | * |
| | CC | $P_{tC.20}$ | 113 | 120 | 121 | 133 | 132 | 140 | 334 | 487 | 679 | 718 | 417 |
| 25 | --- | $Pt_{0.20}$ | 109 | 134 | 155 | 166 | 222 | 276 | 92 | 84 | 15 | 477 | * |
| | FAN | $P_{tF.20}$ | 49 | 55 | 60 | 56 | 82 | 88 | 98 | 133 | 183 | 187 | * |
| | CC | $P_{tC.20}$ | 107 | 116 | 117 | 107 | 124 | 130 | 309 | 454 | 647 | 693 | 465 |
| 28 | --- | $Pt_{0.20}$ | 80 | 126 | 101 | 181 | 161 | 260 | 89 | 81 | 17 | 68 | * |
| | FAN | $P_{tF.20}$ | 42 | 52 | 50 | 61 | 74 | 83 | 93 | 125 | 175 | 204 | * |
| | CC | $P_{tC.20}$ | 91 | 108 | 97 | 117 | 111 | 122 | 296 | 429 | 620 | 671 | 448 |
| 31,5 | --- | $Pt_{0.20}$ | 77 | 94 | 98 | 111 | 153 | 194 | 152 | 183 | 194 | 106 | * |
| | FAN | $P_{tF.20}$ | 40 | 44 | 48 | 46 | 70 | 73 | 84 | 111 | 133 | 177 | 249 |
| | CC | $P_{tC.20}$ | 87 | 93 | 94 | 88 | 105 | 108 | 275 | 400 | 539 | 601 | 709 |
| 35,5 | --- | $Pt_{0.20}$ | 74 | 90 | 94 | 119 | 148 | 184 | 146 | 173 | 188 | 105 | 2 |
| | FAN | $P_{tF.20}$ | 38 | 42 | 45 | 49 | 66 | 70 | 80 | 104 | 127 | 172 | 238 |
| | CC | $P_{tC.20}$ | 84 | 88 | 89 | 94 | 99 | 103 | 263 | 377 | 517 | 584 | 677 |
| 40 | --- | $Pt_{0.20}$ | 71 | 87 | 92 | 103 | 141 | 178 | 143 | 173 | 188 | 260 | 44 |
| | FAN | $P_{tF.20}$ | 37 | 41 | 44 | 42 | 62 | 65 | 75 | 99 | 118 | 143 | 211 |
| | CC | $P_{tC.20}$ | 80 | 85 | 86 | 80 | 94 | 97 | 246 | 357 | 480 | 517 | 625 |
| 45 | --- | $Pt_{0.20}$ | 68 | 83 | 91 | 110 | 139 | 169 | 137 | 164 | 181 | 254 | 44 |
| | FAN | $P_{tF.20}$ | 35 | 38 | 43 | 45 | 60 | 62 | 72 | 93 | 113 | 139 | 201 |
| | CC | $P_{tC.20}$ | 77 | 81 | 85 | 86 | 91 | 92 | 236 | 338 | 462 | 502 | 596 |

*** Additional Cooling Necessary - Consult Factory**



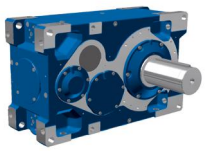
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 66 | 81 | 89 | 99 | 132 | 166 | 161 | 201 | 246 | 246 | 302 |
| | FAN | $P_{tF.20}$ | 34 | 37 | 42 | 40 | 57 | 60 | 65 | 86 | 102 | 127 | 149 |
| | CC | $P_{tC.20}$ | 74 | 78 | 82 | 77 | 86 | 89 | 217 | 315 | 426 | 460 | 498 |
| 56 | --- | $Pt_{0.20}$ | 72 | 77 | 96 | 106 | 153 | 158 | 155 | 190 | 237 | 240 | 290 |
| | FAN | $P_{tF.20}$ | 34 | 35 | 40 | 43 | 57 | 57 | 63 | 81 | 98 | 123 | 142 |
| | CC | $P_{tC.20}$ | 73 | 74 | 79 | 82 | 86 | 84 | 208 | 298 | 410 | 448 | 476 |
| 63 | --- | $Pt_{0.20}$ | 69 | 83 | 93 | 102 | 146 | 179 | 148 | 185 | 226 | 298 | 286 |
| | FAN | $P_{tF.20}$ | 32 | 36 | 39 | 37 | 54 | 57 | 59 | 77 | 92 | 111 | 135 |
| | CC | $P_{tC.20}$ | 70 | 75 | 76 | 71 | 82 | 85 | 196 | 284 | 382 | 410 | 453 |
| 71 | --- | $Pt_{0.20}$ | 66 | 79 | 89 | 110 | 138 | 170 | 142 | 175 | 218 | 290 | 274 |
| | FAN | $P_{tF.20}$ | 31 | 34 | 36 | 40 | 51 | 54 | 57 | 73 | 88 | 108 | 129 |
| | CC | $P_{tC.20}$ | 67 | 71 | 72 | 76 | 77 | 80 | 188 | 269 | 368 | 399 | 434 |
| 80 | --- | $Pt_{0.20}$ | 63 | 76 | 86 | 94 | 131 | 161 | 144 | 184 | 233 | 272 | 329 |
| | FAN | $P_{tF.20}$ | 29 | 33 | 35 | 34 | 48 | 51 | 51 | 66 | 78 | 99 | 111 |
| | CC | $P_{tC.20}$ | 64 | 69 | 69 | 64 | 73 | 76 | 169 | 244 | 329 | 367 | 377 |
| 90 | --- | $Pt_{0.20}$ | 60 | 72 | 85 | 101 | 128 | 153 | 139 | 175 | 225 | 266 | 316 |
| | FAN | $P_{tF.20}$ | 28 | 31 | 35 | 36 | 47 | 48 | 49 | 63 | 75 | 97 | 106 |
| | CC | $P_{tC.20}$ | 62 | 65 | 69 | 69 | 71 | 72 | 163 | 232 | 318 | 358 | 362 |
| 100 | --- | $Pt_{0.20}$ | 58 | 70 | 83 | 90 | 122 | 149 | 133 | 169 | 214 | 274 | 306 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 34 | 32 | 45 | 47 | 46 | 60 | 71 | 85 | 102 |
| | CC | $P_{tC.20}$ | 59 | 63 | 67 | 62 | 67 | 69 | 154 | 222 | 299 | 317 | 348 |
| 112 | --- | $Pt_{0.20}$ | 56 | 67 | 77 | 97 | 121 | 142 | 128 | 161 | 207 | 267 | 294 |
| | FAN | $P_{tF.20}$ | 26 | 28 | 30 | 35 | 42 | 45 | 44 | 57 | 68 | 83 | 98 |
| | CC | $P_{tC.20}$ | 56 | 59 | 60 | 67 | 64 | 66 | 148 | 212 | 289 | 310 | 334 |
| 125 | --- | $Pt_{0.20}$ | 54 | 65 | 75 | 82 | 117 | 140 | --- | --- | --- | 250 | --- |
| | FAN | $P_{tF.20}$ | 25 | 27 | 29 | 28 | 41 | 42 | --- | --- | --- | 77 | --- |
| | CC | $P_{tC.20}$ | 54 | 57 | 58 | 54 | 62 | 63 | --- | --- | --- | 287 | --- |
| 140 | --- | $Pt_{0.20}$ | 52 | 62 | 75 | 88 | 112 | 136 | --- | --- | --- | 245 | --- |
| | FAN | $P_{tF.20}$ | 24 | 26 | 29 | 30 | 39 | 41 | --- | --- | --- | 75 | --- |
| | CC | $P_{tC.20}$ | 52 | 54 | 58 | 58 | 59 | 61 | --- | --- | --- | 281 | --- |
| 160 | --- | $Pt_{0.20}$ | 50 | 60 | 72 | 79 | 109 | 129 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 23 | 25 | 28 | 27 | 37 | 39 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 50 | 53 | 56 | 52 | 56 | 58 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 39 | 57 | 58 | 84 | 104 | 125 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 24 | 22 | 29 | 35 | 37 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 50 | 44 | 56 | 53 | 55 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 38 | 45 | 57 | 62 | 87 | 119 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 22 | 21 | 29 | 35 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 40 | 43 | 52 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 37 | 43 | 54 | 66 | 83 | 99 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 18 | 21 | 22 | 28 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 38 | 41 | 43 | 42 | 42 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 36 | 42 | 53 | 58 | 80 | 96 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 20 | 20 | 26 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 40 | 38 | 40 | 41 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 35 | 41 | 53 | 62 | 77 | 92 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 20 | 21 | 25 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 36 | 40 | 40 | 38 | 39 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 33 | 40 | 51 | 56 | 75 | 88 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 17 | 20 | 19 | 25 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 35 | 39 | 36 | 37 | 38 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 38 | --- | 60 | 72 | 86 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 16 | --- | 20 | 24 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 34 | --- | 39 | 36 | 37 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 83 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 35 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1500 rpm
# @ 40°C = 104°F



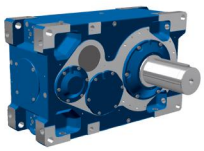
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5.6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 567 | 496 | 636 | --- | * |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | 0 | 0 | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 13 | 0 | 0 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 553 | 493 | 652 | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | 106 | --- | 116 | --- | 79 | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 75 | --- | 99 | --- | 156 | --- | 176 | * | * | * | * |
| | CC | $P_{tC.20}$ | 188 | --- | 220 | --- | 261 | --- | 649 | 730 | 922 | 670 | 131 |
| 8 | --- | $Pt_{0.40}$ | 102 | 134 | 116 | 137 | 86 | 147 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 70 | 80 | 94 | 88 | 143 | 150 | 181 | * | * | * | * |
| | CC | $P_{tC.20}$ | 178 | 193 | 210 | 190 | 240 | 248 | 623 | 694 | 901 | 689 | 213 |
| 9 | --- | $Pt_{0.40}$ | 113 | 127 | 140 | 154 | 153 | 148 | 105 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 67 | 74 | 88 | 97 | 130 | 139 | 167 | 170 | 151 | * | * |
| | CC | $P_{tC.20}$ | 171 | 179 | 197 | 209 | 223 | 230 | 578 | 821 | 1.062 | 990 | 751 |
| 10 | --- | $Pt_{0.40}$ | 108 | 140 | 138 | 155 | 149 | 209 | 109 | * | *0 | * | * |
| | FAN | $P_{tF.40}$ | 63 | 72 | 84 | 79 | 121 | 130 | 155 | 172 | 167 | * | * |
| | CC | $P_{tC.20}$ | 161 | 175 | 188 | 171 | 207 | 217 | 542 | 772 | 1.023 | 982 | 748 |
| 11,2 | --- | $Pt_{0.40}$ | 115 | 131 | 150 | 173 | 188 | 201 | 181 | 98 | 65 | * | * |
| | FAN | $P_{tF.40}$ | 62 | 67 | 79 | 87 | 115 | 121 | 136 | 199 | 258 | 283 | 122 |
| | CC | $P_{tC.20}$ | 157 | 162 | 177 | 188 | 197 | 202 | 493 | 748 | 1.044 | 1.155 | 1.067 |
| 12,5 | --- | $Pt_{0.40}$ | 109 | 139 | 146 | 161 | 179 | 238 | 176 | 101 | 79 | * | * |
| | FAN | $P_{tF.40}$ | 58 | 66 | 75 | 71 | 107 | 115 | 127 | 183 | 239 | 291 | 147 |
| | CC | $P_{tC.20}$ | 148 | 161 | 170 | 155 | 184 | 194 | 464 | 697 | 982 | 1.125 | 1.023 |
| 14 | --- | $Pt_{0.40}$ | 111 | 130 | 151 | 178 | 204 | 226 | 210 | 185 | 215 | 178 | 78 |
| | FAN | $P_{tF.40}$ | 56 | 61 | 70 | 78 | 102 | 107 | 117 | 163 | 197 | 266 | 330 |
| | CC | $P_{tC.20}$ | 144 | 149 | 159 | 170 | 177 | 180 | 432 | 646 | 875 | 1.022 | 1.098 |
| 16 | --- | $Pt_{0.40}$ | 106 | 133 | 146 | 158 | 194 | 250 | 201 | 177 | 212 | 184 | 94 |
| | FAN | $P_{tF.40}$ | 53 | 61 | 68 | 64 | 96 | 103 | 111 | 151 | 186 | 254 | 305 |
| | CC | $P_{tC.20}$ | 136 | 148 | 153 | 140 | 165 | 174 | 409 | 601 | 829 | 979 | 1.026 |
| 18 | --- | $Pt_{0.40}$ | 103 | 125 | 145 | 175 | 205 | 235 | 218 | 226 | 283 | 310 | 307 |
| | FAN | $P_{tF.40}$ | 50 | 56 | 63 | 70 | 90 | 97 | 100 | 136 | 161 | 217 | 245 |
| | CC | $P_{tC.20}$ | 128 | 137 | 142 | 153 | 156 | 162 | 373 | 550 | 737 | 874 | 893 |
| 20 | --- | $Pt_{0.40}$ | 98 | 123 | 140 | 151 | 193 | 245 | 208 | 214 | 273 | 305 | 298 |
| | FAN | $P_{tF.40}$ | 47 | 54 | 60 | 57 | 85 | 91 | 95 | 127 | 153 | 209 | 230 |
| | CC | $P_{tC.20}$ | 121 | 131 | 136 | 125 | 146 | 154 | 355 | 515 | 702 | 841 | 841 |
| 22,4 | --- | $Pt_{0.40}$ | 97 | 115 | 134 | 166 | 195 | 230 | 9 | * | * | 370 | * |
| | FAN | $P_{tF.40}$ | 45 | 50 | 55 | 62 | 78 | 86 | 113 | 121 | 40 | 181 | * |
| | CC | $P_{tC.20}$ | 116 | 122 | 124 | 136 | 136 | 144 | 364 | 496 | 608 | 743 | 287 |
| 25 | --- | $Pt_{0.40}$ | 92 | 114 | 130 | 139 | 184 | 230 | 30 | * | * | 361 | * |
| | FAN | $P_{tF.40}$ | 43 | 49 | 53 | 50 | 74 | 80 | 100 | 136 | 82 | 175 | * |
| | CC | $P_{tC.20}$ | 109 | 118 | 120 | 110 | 128 | 134 | 333 | 488 | 595 | 717 | 346 |
| 28 | --- | $Pt_{0.40}$ | 65 | 107 | 81 | 152 | 127 | 217 | 30 | *0 | * | * | * |
| | FAN | $P_{tF.40}$ | 37 | 45 | 44 | 55 | 66 | 75 | 95 | 130 | 81 | 138 | * |
| | CC | $P_{tC.20}$ | 93 | 111 | 100 | 120 | 115 | 126 | 318 | 462 | 573 | 656 | 334 |
| 31,5 | --- | $Pt_{0.40}$ | 63 | 78 | 78 | 89 | 121 | 155 | 106 | 120 | 108 | * | * |
| | FAN | $P_{tF.40}$ | 35 | 39 | 43 | 41 | 63 | 67 | 79 | 105 | 129 | 165 | 85 |
| | CC | $P_{tC.20}$ | 89 | 95 | 97 | 90 | 109 | 112 | 286 | 417 | 565 | 632 | 612 |
| 35,5 | --- | $Pt_{0.40}$ | 61 | 74 | 76 | 96 | 118 | 148 | 101 | 114 | 105 | * | * |
| | FAN | $P_{tF.40}$ | 34 | 37 | 40 | 44 | 59 | 63 | 75 | 99 | 123 | 162 | 85 |
| | CC | $P_{tC.20}$ | 86 | 90 | 91 | 96 | 102 | 107 | 274 | 393 | 542 | 616 | 586 |
| 40 | --- | $Pt_{0.40}$ | 58 | 72 | 73 | 83 | 112 | 143 | 101 | 117 | 112 | 168 | * |
| | FAN | $P_{tF.40}$ | 32 | 36 | 39 | 38 | 56 | 60 | 70 | 93 | 114 | 137 | 114 |
| | CC | $P_{tC.20}$ | 82 | 87 | 88 | 82 | 97 | 100 | 256 | 372 | 502 | 541 | 581 |
| 45 | --- | $Pt_{0.40}$ | 56 | 68 | 73 | 89 | 111 | 136 | 97 | 111 | 108 | 165 | *0 |
| | FAN | $P_{tF.40}$ | 31 | 34 | 38 | 40 | 54 | 57 | 67 | 88 | 109 | 133 | 110 |
| | CC | $P_{tC.20}$ | 78 | 82 | 87 | 88 | 94 | 95 | 245 | 352 | 483 | 526 | 557 |

*** Additional Cooling Necessary - Consult Factory**



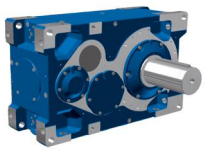
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 54 | 67 | 71 | 80 | 106 | 134 | 125 | 154 | 183 | 164 | 204 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 37 | 36 | 52 | 55 | 60 | 79 | 95 | 121 | 141 |
| | CC | $P_{tC.20}$ | 75 | 80 | 84 | 79 | 89 | 92 | 224 | 325 | 441 | 481 | 519 |
| 56 | --- | $Pt_{0.40}$ | 60 | 63 | 80 | 86 | 127 | 128 | 120 | 146 | 176 | 161 | 196 |
| | FAN | $P_{tF.40}$ | 29 | 31 | 35 | 38 | 51 | 52 | 58 | 75 | 92 | 118 | 135 |
| | CC | $P_{tC.20}$ | 75 | 76 | 80 | 84 | 89 | 87 | 215 | 308 | 424 | 468 | 496 |
| 63 | --- | $Pt_{0.40}$ | 57 | 70 | 78 | 85 | 121 | 149 | 116 | 142 | 170 | 229 | 197 |
| | FAN | $P_{tF.40}$ | 28 | 31 | 34 | 33 | 49 | 52 | 54 | 71 | 86 | 104 | 128 |
| | CC | $P_{tC.20}$ | 72 | 76 | 78 | 72 | 84 | 87 | 203 | 293 | 395 | 424 | 472 |
| 71 | --- | $Pt_{0.40}$ | 55 | 66 | 74 | 91 | 115 | 142 | 111 | 135 | 164 | 223 | 189 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 32 | 35 | 46 | 49 | 52 | 68 | 82 | 101 | 123 |
| | CC | $P_{tC.20}$ | 69 | 72 | 73 | 78 | 79 | 83 | 195 | 278 | 381 | 413 | 452 |
| 80 | --- | $Pt_{0.40}$ | 53 | 64 | 71 | 78 | 109 | 134 | 117 | 148 | 186 | 210 | 257 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 31 | 30 | 43 | 46 | 46 | 60 | 72 | 93 | 103 |
| | CC | $P_{tC.20}$ | 66 | 70 | 71 | 66 | 75 | 78 | 174 | 251 | 339 | 380 | 390 |
| 90 | --- | $Pt_{0.40}$ | 51 | 61 | 71 | 84 | 106 | 128 | 113 | 141 | 180 | 205 | 247 |
| | FAN | $P_{tF.40}$ | 25 | 27 | 31 | 32 | 42 | 44 | 45 | 57 | 70 | 91 | 99 |
| | CC | $P_{tC.20}$ | 63 | 66 | 71 | 71 | 73 | 74 | 168 | 239 | 328 | 370 | 374 |
| 100 | --- | $Pt_{0.40}$ | 48 | 59 | 69 | 75 | 101 | 124 | 108 | 136 | 171 | 221 | 240 |
| | FAN | $P_{tF.40}$ | 24 | 26 | 30 | 29 | 40 | 42 | 42 | 55 | 66 | 79 | 95 |
| | CC | $P_{tC.20}$ | 60 | 64 | 68 | 63 | 69 | 71 | 158 | 229 | 308 | 327 | 359 |
| 112 | --- | $Pt_{0.40}$ | 48 | 56 | 65 | 81 | 101 | 118 | 104 | 129 | 165 | 216 | 231 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 27 | 31 | 38 | 40 | 41 | 52 | 63 | 77 | 91 |
| | CC | $P_{tC.20}$ | 57 | 61 | 61 | 68 | 66 | 68 | 153 | 218 | 298 | 319 | 345 |
| 125 | --- | $Pt_{0.40}$ | 46 | 55 | 63 | 69 | 99 | 118 | --- | --- | --- | 203 | --- |
| | FAN | $P_{tF.40}$ | 21 | 24 | 26 | 25 | 37 | 38 | --- | --- | --- | 72 | --- |
| | CC | $P_{tC.20}$ | 55 | 58 | 59 | 55 | 64 | 65 | --- | --- | --- | 296 | --- |
| 140 | --- | $Pt_{0.40}$ | 44 | 52 | 63 | 73 | 94 | 114 | --- | --- | --- | 198 | --- |
| | FAN | $P_{tF.40}$ | 21 | 23 | 26 | 27 | 35 | 37 | --- | --- | --- | 70 | --- |
| | CC | $P_{tC.20}$ | 53 | 55 | 59 | 59 | 61 | 63 | --- | --- | --- | 289 | --- |
| 160 | --- | $Pt_{0.40}$ | 42 | 51 | 61 | 66 | 92 | 109 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 20 | 22 | 25 | 24 | 33 | 35 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 51 | 54 | 57 | 53 | 58 | 60 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 33 | 48 | 49 | 71 | 87 | 106 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 21 | 20 | 26 | 32 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 51 | 45 | 57 | 55 | 57 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 32 | 38 | 48 | 53 | 74 | 101 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 19 | 19 | 26 | 32 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 41 | 44 | 41 | 45 | 54 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 31 | 36 | 46 | 56 | 71 | 84 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 16 | 18 | 20 | 25 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 44 | 43 | 44 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 30 | 36 | 45 | 49 | 68 | 81 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 18 | 17 | 24 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 38 | 41 | 42 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 29 | 34 | 45 | 52 | 65 | 78 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 15 | 18 | 19 | 23 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 36 | 41 | 41 | 39 | 40 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 28 | 34 | 43 | 47 | 64 | 75 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 17 | 17 | 22 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 40 | 37 | 39 | 39 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 32 | --- | 50 | 61 | 73 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 14 | --- | 18 | 21 | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 34 | --- | 40 | 37 | 38 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 36 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1800 rpm
# @ 20°C = 68°F



| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 427 | 45 | 36 | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 434 | 117 | 145 | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | 116 | --- | 110 | --- | 6 | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 92 | --- | 123 | --- | 212 | --- | 70 | * | * | * | * |
| | CC | $P_{tC.20}$ | 198 | --- | 235 | --- | 302 | --- | 590 | 548 | 656 | 18 | * |
| 8 | --- | $Pt_{0.20}$ | 112 | 152 | 113 | 142 | 26 | 106 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 86 | 97 | 117 | 108 | 192 | 190 | 93 | * | * | * | * |
| | CC | $P_{tC.20}$ | 186 | 201 | 224 | 202 | 276 | 274 | 573 | 536 | 666 | 115 | * |
| 9 | --- | $Pt_{0.20}$ | 130 | 144 | 152 | 161 | 139 | 116 | 24 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 82 | 90 | 107 | 118 | 161 | 173 | 226 | 7 | * | * | * |
| | CC | $P_{tC.20}$ | 178 | 187 | 207 | 221 | 239 | 251 | 650 | 743 | 952 | 713 | 190 |
| 10 | --- | $Pt_{0.20}$ | 125 | 163 | 150 | 173 | 140 | 212 | 40 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 77 | 87 | 102 | 95 | 149 | 157 | 208 | 35 | * | * | * |
| | CC | $P_{tC.20}$ | 168 | 182 | 198 | 180 | 222 | 230 | 606 | 705 | 926 | 729 | 260 |
| 11,2 | --- | $Pt_{0.20}$ | 135 | 153 | 171 | 193 | 200 | 207 | 168 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 75 | 81 | 95 | 104 | 139 | 146 | 167 | 261 | 241 | 73 | * |
| | CC | $P_{tC.20}$ | 163 | 169 | 185 | 197 | 208 | 214 | 528 | 833 | 1.076 | 1.048 | 844 |
| 12,5 | --- | $Pt_{0.20}$ | 128 | 165 | 167 | 186 | 192 | 264 | 167 | 1 | * | * | * |
| | FAN | $P_{tF.20}$ | 71 | 80 | 91 | 85 | 130 | 138 | 156 | 254 | 248 | 105 | * |
| | CC | $P_{tC.20}$ | 154 | 167 | 178 | 162 | 194 | 203 | 497 | 788 | 1.035 | 1.029 | 825 |
| 14 | --- | $Pt_{0.20}$ | 132 | 154 | 176 | 206 | 231 | 252 | 222 | 156 | 161 | 25 | * |
| | FAN | $P_{tF.20}$ | 68 | 74 | 85 | 93 | 123 | 128 | 141 | 202 | 246 | 364 | 281 |
| | CC | $P_{tC.20}$ | 149 | 155 | 166 | 177 | 185 | 189 | 458 | 697 | 949 | 1.153 | 1.097 |
| 16 | --- | $Pt_{0.20}$ | 126 | 159 | 171 | 187 | 219 | 288 | 214 | 152 | 166 | 47 | * |
| | FAN | $P_{tF.20}$ | 65 | 73 | 82 | 77 | 115 | 123 | 134 | 187 | 231 | 343 | 288 |
| | CC | $P_{tC.20}$ | 141 | 153 | 159 | 145 | 173 | 181 | 433 | 647 | 898 | 1.100 | 1.051 |
| 18 | --- | $Pt_{0.20}$ | 124 | 149 | 171 | 206 | 239 | 272 | 245 | 235 | 290 | 283 | 248 |
| | FAN | $P_{tF.20}$ | 61 | 68 | 75 | 84 | 108 | 115 | 120 | 164 | 194 | 264 | 301 |
| | CC | $P_{tC.20}$ | 133 | 142 | 147 | 159 | 162 | 169 | 392 | 584 | 783 | 937 | 965 |
| 20 | --- | $Pt_{0.20}$ | 118 | 148 | 166 | 180 | 226 | 289 | 234 | 223 | 282 | 282 | 247 |
| | FAN | $P_{tF.20}$ | 57 | 65 | 73 | 68 | 101 | 108 | 114 | 153 | 184 | 254 | 282 |
| | CC | $P_{tC.20}$ | 126 | 136 | 142 | 130 | 152 | 160 | 373 | 546 | 746 | 901 | 908 |
| 22,4 | --- | $Pt_{0.20}$ | 116 | 138 | 161 | 198 | 231 | 272 | * | * | * | 398 | * |
| | FAN | $P_{tF.20}$ | 55 | 61 | 66 | 74 | 94 | 101 | 87 | 46 | * | 215 | * |
| | CC | $P_{tC.20}$ | 120 | 127 | 129 | 141 | 141 | 150 | 351 | 458 | 523 | 785 | * |
| 25 | --- | $Pt_{0.20}$ | 111 | 137 | 156 | 168 | 219 | 275 | * | * | * | 389 | * |
| | FAN | $P_{tF.20}$ | 52 | 58 | 64 | 60 | 88 | 94 | 106 | 82 | * | 207 | * |
| | CC | $P_{tC.20}$ | 113 | 123 | 125 | 114 | 133 | 139 | 348 | 461 | 531 | 757 | * |
| 28 | --- | $Pt_{0.20}$ | 76 | 129 | 91 | 184 | 141 | 260 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 45 | 55 | 53 | 65 | 80 | 88 | 102 | 80 | * | * | * |
| | CC | $P_{tC.20}$ | 97 | 114 | 104 | 124 | 120 | 131 | 335 | 436 | 512 | 582 | * |
| 31,5 | --- | $Pt_{0.20}$ | 73 | 91 | 89 | 103 | 134 | 177 | 98 | 100 | 51 | * | * |
| | FAN | $P_{tF.20}$ | 43 | 47 | 52 | 49 | 76 | 80 | 96 | 130 | 169 | 59 | * |
| | CC | $P_{tC.20}$ | 93 | 99 | 101 | 94 | 114 | 117 | 306 | 450 | 624 | 579 | 495 |
| 35,5 | --- | $Pt_{0.20}$ | 71 | 86 | 86 | 110 | 132 | 168 | 95 | 96 | 52 | * | * |
| | FAN | $P_{tF.20}$ | 41 | 45 | 49 | 53 | 72 | 76 | 92 | 122 | 161 | 61 | * |
| | CC | $P_{tC.20}$ | 89 | 93 | 95 | 100 | 107 | 111 | 293 | 424 | 598 | 565 | 476 |
| 40 | --- | $Pt_{0.20}$ | 68 | 85 | 84 | 96 | 126 | 164 | 98 | 103 | 71 | 135 | * |
| | FAN | $P_{tF.20}$ | 39 | 43 | 47 | 45 | 68 | 71 | 86 | 115 | 145 | 169 | * |
| | CC | $P_{tC.20}$ | 85 | 90 | 92 | 86 | 102 | 105 | 274 | 401 | 550 | 587 | 488 |
| 45 | --- | $Pt_{0.20}$ | 66 | 80 | 84 | 103 | 125 | 157 | 94 | 98 | 70 | 133 | * |
| | FAN | $P_{tF.20}$ | 37 | 41 | 47 | 48 | 65 | 67 | 82 | 109 | 139 | 165 | * |
| | CC | $P_{tC.20}$ | 82 | 86 | 91 | 92 | 98 | 99 | 262 | 379 | 528 | 570 | 468 |

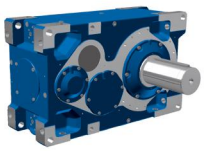
*** Additional Cooling Necessary - Consult Factory**





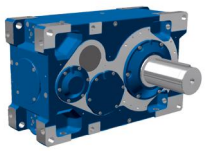
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 63 | 78 | 81 | 93 | 119 | 154 | 140 | 167 | 192 | 142 | 181 |
| | FAN | $P_{tF.20}$ | 36 | 40 | 45 | 43 | 62 | 65 | 72 | 95 | 114 | 149 | 172 |
| | CC | $P_{tC.20}$ | 78 | 83 | 88 | 82 | 93 | 96 | 236 | 343 | 467 | 519 | 558 |
| 56 | --- | $Pt_{0.20}$ | 72 | 75 | 95 | 100 | 151 | 147 | 134 | 158 | 185 | 140 | 174 |
| | FAN | $P_{tF.20}$ | 36 | 38 | 42 | 46 | 61 | 62 | 69 | 90 | 110 | 145 | 164 |
| | CC | $P_{tC.20}$ | 78 | 79 | 83 | 88 | 92 | 91 | 227 | 325 | 449 | 505 | 533 |
| 63 | --- | $Pt_{0.20}$ | 69 | 84 | 92 | 102 | 143 | 178 | 130 | 156 | 180 | 250 | 181 |
| | FAN | $P_{tF.20}$ | 34 | 38 | 41 | 39 | 58 | 61 | 65 | 85 | 102 | 123 | 155 |
| | CC | $P_{tC.20}$ | 74 | 79 | 81 | 75 | 88 | 90 | 213 | 309 | 419 | 448 | 506 |
| 71 | --- | $Pt_{0.20}$ | 66 | 80 | 87 | 109 | 136 | 169 | 125 | 148 | 174 | 244 | 174 |
| | FAN | $P_{tF.20}$ | 33 | 36 | 39 | 42 | 55 | 58 | 62 | 81 | 98 | 120 | 149 |
| | CC | $P_{tC.20}$ | 71 | 75 | 76 | 80 | 82 | 86 | 205 | 294 | 403 | 436 | 484 |
| 80 | --- | $Pt_{0.20}$ | 63 | 77 | 85 | 94 | 130 | 161 | 137 | 171 | 213 | 232 | 289 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 37 | 36 | 52 | 55 | 55 | 71 | 85 | 110 | 121 |
| | CC | $P_{tC.20}$ | 68 | 72 | 74 | 68 | 78 | 81 | 182 | 263 | 355 | 401 | 409 |
| 90 | --- | $Pt_{0.20}$ | 60 | 73 | 84 | 101 | 126 | 153 | 131 | 163 | 206 | 226 | 278 |
| | FAN | $P_{tF.20}$ | 30 | 33 | 37 | 38 | 50 | 52 | 53 | 68 | 82 | 107 | 116 |
| | CC | $P_{tC.20}$ | 65 | 69 | 73 | 73 | 75 | 77 | 175 | 250 | 343 | 391 | 392 |
| 100 | --- | $Pt_{0.20}$ | 58 | 71 | 82 | 90 | 120 | 149 | 126 | 158 | 197 | 258 | 271 |
| | FAN | $P_{tF.20}$ | 29 | 32 | 36 | 34 | 48 | 50 | 50 | 65 | 77 | 92 | 112 |
| | CC | $P_{tC.20}$ | 63 | 66 | 71 | 66 | 72 | 74 | 165 | 239 | 322 | 342 | 377 |
| 112 | --- | $Pt_{0.20}$ | 57 | 67 | 78 | 97 | 122 | 142 | 121 | 150 | 190 | 252 | 261 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 32 | 37 | 45 | 48 | 48 | 62 | 74 | 90 | 107 |
| | CC | $P_{tC.20}$ | 59 | 63 | 63 | 71 | 68 | 70 | 159 | 228 | 312 | 334 | 362 |
| 125 | --- | $Pt_{0.20}$ | 55 | 67 | 76 | 83 | 118 | 142 | --- | --- | --- | 237 | --- |
| | FAN | $P_{tF.20}$ | 26 | 29 | 31 | 30 | 44 | 45 | --- | --- | --- | 84 | --- |
| | CC | $P_{tC.20}$ | 57 | 60 | 61 | 57 | 66 | 67 | --- | --- | --- | 310 | --- |
| 140 | --- | $Pt_{0.20}$ | 53 | 63 | 76 | 89 | 113 | 138 | --- | --- | --- | 231 | --- |
| | FAN | $P_{tF.20}$ | 25 | 27 | 31 | 32 | 42 | 44 | --- | --- | --- | 82 | --- |
| | CC | $P_{tC.20}$ | 55 | 57 | 61 | 61 | 63 | 65 | --- | --- | --- | 303 | --- |
| 160 | --- | $Pt_{0.20}$ | 51 | 62 | 73 | 80 | 110 | 132 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 24 | 26 | 30 | 29 | 40 | 42 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 52 | 56 | 59 | 55 | 60 | 62 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 40 | 58 | 60 | 86 | 105 | 128 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 19 | 25 | 24 | 31 | 38 | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 41 | 53 | 47 | 59 | 57 | 59 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 38 | 46 | 58 | 64 | 89 | 122 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 20 | 23 | 22 | 30 | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 42 | 45 | 43 | 46 | 56 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 37 | 44 | 56 | 68 | 86 | 103 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 19 | 22 | 24 | 29 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 40 | 43 | 45 | 44 | 45 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 36 | 43 | 54 | 60 | 82 | 99 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 21 | 21 | 28 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 40 | 42 | 43 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 35 | 42 | 54 | 63 | 79 | 95 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 18 | 21 | 22 | 27 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 42 | 42 | 41 | 41 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 34 | 41 | 53 | 58 | 77 | 91 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 21 | 20 | 26 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 41 | 38 | 40 | 40 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 39 | --- | 61 | 75 | 89 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 17 | --- | 21 | 25 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 35 | --- | 41 | 38 | 39 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 86 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 38 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M1/M3 Mounting - 1800 rpm
# @ 40°C = 104°F



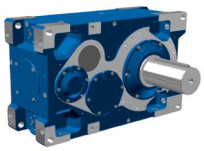
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 323 | * | * | --- | * |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 337 | * | * | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | 82 | --- | 51 | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 82 | --- | 119 | --- | 109 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 204 | --- | 252 | --- | 235 | --- | 502 | 423 | 490 | * | * |
| 8 | --- | $Pt_{0.40}$ | 81 | 114 | 58 | 88 | * | * | * | * | 0 | * | * |
| | FAN | $P_{tF.40}$ | 77 | 87 | 112 | 101 | 118 | 182 | * | * | 0 | * | * |
| | CC | $P_{tC.20}$ | 192 | 208 | 239 | 213 | 234 | 296 | 491 | 422 | 512 | * | * |
| 9 | --- | $Pt_{0.40}$ | 101 | 110 | 105 | 102 | 53 | 2 | * | * | 0 | * | * |
| | FAN | $P_{tF.40}$ | 72 | 80 | 97 | 110 | 159 | 184 | 119 | * | 0 | * | * |
| | CC | $P_{tC.20}$ | 183 | 192 | 216 | 233 | 262 | 288 | 598 | 640 | 817 | 516 | * |
| 10 | --- | $Pt_{0.40}$ | 97 | 129 | 106 | 127 | 61 | 124 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 68 | 77 | 93 | 87 | 145 | 149 | 127 | * | * | * | * |
| | CC | $P_{tC.20}$ | 172 | 187 | 206 | 187 | 242 | 246 | 574 | 610 | 799 | 541 | * |
| 11,2 | --- | $Pt_{0.40}$ | 108 | 122 | 130 | 143 | 133 | 126 | 63 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 66 | 72 | 86 | 95 | 128 | 138 | 170 | 100 | * | * | * |
| | CC | $P_{tC.20}$ | 167 | 173 | 192 | 205 | 219 | 227 | 567 | 745 | 958 | 887 | 638 |
| 12,5 | --- | $Pt_{0.40}$ | 103 | 134 | 128 | 145 | 130 | 189 | 69 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 62 | 71 | 82 | 77 | 119 | 128 | 157 | 108 | 28 | * | * |
| | CC | $P_{tC.20}$ | 158 | 171 | 184 | 167 | 204 | 213 | 532 | 707 | 924 | 875 | 633 |
| 14 | --- | $Pt_{0.40}$ | 108 | 126 | 140 | 162 | 173 | 182 | 142 | 17 | * | * | * |
| | FAN | $P_{tF.40}$ | 60 | 66 | 76 | 85 | 112 | 119 | 134 | 217 | 244 | 155 | * |
| | CC | $P_{tC.20}$ | 153 | 159 | 171 | 183 | 192 | 198 | 480 | 758 | 1.008 | 1.039 | 926 |
| 16 | --- | $Pt_{0.40}$ | 103 | 132 | 136 | 151 | 165 | 222 | 139 | 26 | * | * | * |
| | FAN | $P_{tF.40}$ | 57 | 64 | 73 | 69 | 105 | 112 | 126 | 198 | 243 | 169 | * |
| | CC | $P_{tC.20}$ | 144 | 157 | 164 | 150 | 180 | 189 | 453 | 701 | 967 | 1.013 | 891 |
| 18 | --- | $Pt_{0.40}$ | 103 | 124 | 140 | 167 | 188 | 211 | 178 | 139 | 164 | 93 | 8 |
| | FAN | $P_{tF.40}$ | 53 | 60 | 67 | 76 | 97 | 105 | 112 | 157 | 188 | 274 | 331 |
| | CC | $P_{tC.20}$ | 136 | 146 | 152 | 164 | 168 | 176 | 408 | 613 | 822 | 1.006 | 1.061 |
| 20 | --- | $Pt_{0.40}$ | 98 | 123 | 136 | 148 | 179 | 231 | 172 | 134 | 163 | 103 | 26 |
| | FAN | $P_{tF.40}$ | 50 | 57 | 65 | 61 | 91 | 98 | 106 | 146 | 178 | 260 | 306 |
| | CC | $P_{tC.20}$ | 128 | 139 | 146 | 134 | 158 | 166 | 387 | 572 | 782 | 963 | 994 |
| 22,4 | --- | $Pt_{0.40}$ | 97 | 116 | 133 | 163 | 188 | 219 | * | * | * | 260 | * |
| | FAN | $P_{tF.40}$ | 48 | 53 | 59 | 67 | 84 | 92 | * | * | * | 205 | * |
| | CC | $P_{tC.20}$ | 122 | 130 | 133 | 146 | 146 | 155 | 305 | 398 | 441 | 819 | * |
| 25 | --- | $Pt_{0.40}$ | 93 | 115 | 129 | 140 | 178 | 225 | * | * | * | 256 | * |
| | FAN | $P_{tF.40}$ | 45 | 51 | 57 | 54 | 79 | 85 | 23 | * | * | 198 | * |
| | CC | $P_{tC.20}$ | 116 | 125 | 128 | 118 | 137 | 144 | 305 | 404 | 455 | 790 | * |
| 28 | --- | $Pt_{0.40}$ | 60 | 108 | 68 | 153 | 103 | 213 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 39 | 48 | 48 | 59 | 73 | 80 | 24 | * | * | * | * |
| | CC | $P_{tC.20}$ | 99 | 117 | 108 | 128 | 126 | 135 | 293 | 383 | 439 | 488 | * |
| 31,5 | --- | $Pt_{0.40}$ | 58 | 73 | 67 | 79 | 98 | 134 | 39 | 12 | * | * | * |
| | FAN | $P_{tF.40}$ | 37 | 42 | 46 | 44 | 70 | 73 | 97 | 139 | 111 | * | * |
| | CC | $P_{tC.20}$ | 95 | 101 | 104 | 97 | 119 | 123 | 327 | 488 | 609 | 493 | 380 |
| 35,5 | --- | $Pt_{0.40}$ | 56 | 69 | 66 | 85 | 99 | 128 | 38 | 13 | * | * | * |
| | FAN | $P_{tF.40}$ | 36 | 39 | 43 | 47 | 65 | 69 | 92 | 130 | 108 | * | * |
| | CC | $P_{tC.20}$ | 91 | 95 | 98 | 103 | 112 | 116 | 313 | 460 | 587 | 482 | 367 |
| 40 | --- | $Pt_{0.40}$ | 54 | 68 | 64 | 75 | 94 | 126 | 46 | 29 | * | 1 | + |
| | FAN | $P_{tF.40}$ | 34 | 38 | 42 | 40 | 62 | 65 | 85 | 119 | 121 | 189 | * |
| | CC | $P_{tC.20}$ | 87 | 93 | 95 | 88 | 106 | 109 | 291 | 430 | 562 | 646 | 386 |
| 45 | --- | $Pt_{0.40}$ | 53 | 65 | 64 | 80 | 94 | 121 | 45 | 28 | * | 4 | * |
| | FAN | $P_{tF.40}$ | 33 | 36 | 41 | 43 | 60 | 62 | 81 | 112 | 117 | 183 | * |
| | CC | $P_{tC.20}$ | 84 | 88 | 94 | 94 | 102 | 104 | 278 | 406 | 541 | 627 | 370 |

*** Additional Cooling Necessary - Consult Factory**



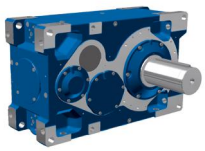
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 51 | 63 | 63 | 73 | 90 | 120 | 100 | 113 | 119 | 32 | 53 |
| | FAN | $P_{tF.40}$ | 31 | 35 | 40 | 38 | 57 | 60 | 67 | 89 | 110 | 159 | 179 |
| | CC | $P_{tC.20}$ | 80 | 85 | 91 | 84 | 97 | 100 | 245 | 357 | 488 | 564 | 602 |
| 56 | --- | $Pt_{0.40}$ | 59 | 60 | 77 | 78 | 122 | 114 | 96 | 107 | 116 | 32 | 53 |
| | FAN | $P_{tF.40}$ | 31 | 33 | 37 | 41 | 55 | 57 | 64 | 84 | 105 | 154 | 171 |
| | CC | $P_{tC.20}$ | 79 | 80 | 85 | 90 | 95 | 95 | 235 | 339 | 469 | 548 | 575 |
| 63 | --- | $Pt_{0.40}$ | 57 | 70 | 75 | 84 | 116 | 146 | 94 | 107 | 115 | 171 | 69 |
| | FAN | $P_{tF.40}$ | 30 | 33 | 36 | 35 | 52 | 56 | 61 | 80 | 98 | 117 | 158 |
| | CC | $P_{tC.20}$ | 76 | 81 | 83 | 77 | 90 | 94 | 221 | 322 | 437 | 467 | 542 |
| 71 | --- | $Pt_{0.40}$ | 54 | 66 | 71 | 90 | 111 | 139 | 90 | 102 | 111 | 168 | 67 |
| | FAN | $P_{tF.40}$ | 28 | 31 | 34 | 38 | 49 | 53 | 58 | 76 | 94 | 114 | 151 |
| | CC | $P_{tC.20}$ | 73 | 76 | 78 | 82 | 85 | 89 | 213 | 306 | 421 | 455 | 518 |
| 80 | --- | $Pt_{0.40}$ | 52 | 64 | 69 | 77 | 106 | 132 | 107 | 131 | 161 | 162 | 210 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 33 | 32 | 47 | 50 | 50 | 66 | 79 | 105 | 114 |
| | CC | $P_{tC.20}$ | 70 | 74 | 75 | 70 | 81 | 83 | 188 | 272 | 367 | 418 | 425 |
| 90 | --- | $Pt_{0.40}$ | 50 | 61 | 69 | 83 | 103 | 126 | 103 | 125 | 156 | 158 | 202 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 33 | 34 | 45 | 47 | 48 | 63 | 77 | 102 | 110 |
| | CC | $P_{tC.20}$ | 67 | 70 | 75 | 75 | 78 | 79 | 181 | 259 | 355 | 408 | 408 |
| 100 | --- | $Pt_{0.40}$ | 48 | 59 | 67 | 74 | 98 | 122 | 99 | 122 | 149 | 200 | 199 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 32 | 31 | 43 | 45 | 46 | 60 | 72 | 86 | 105 |
| | CC | $P_{tC.20}$ | 64 | 68 | 72 | 67 | 74 | 77 | 171 | 247 | 333 | 354 | 391 |
| 112 | --- | $Pt_{0.40}$ | 48 | 56 | 65 | 80 | 101 | 116 | 95 | 116 | 144 | 196 | 191 |
| | FAN | $P_{tF.40}$ | 24 | 26 | 28 | 33 | 41 | 43 | 44 | 57 | 70 | 84 | 101 |
| | CC | $P_{tC.20}$ | 61 | 64 | 65 | 72 | 70 | 73 | 165 | 236 | 322 | 346 | 375 |
| 125 | --- | $Pt_{0.40}$ | 46 | 56 | 63 | 69 | 98 | 118 | --- | --- | --- | 184 | --- |
| | FAN | $P_{tF.40}$ | 23 | 25 | 27 | 27 | 39 | 41 | --- | --- | --- | 78 | --- |
| | CC | $P_{tC.20}$ | 58 | 62 | 62 | 58 | 68 | 69 | --- | --- | --- | 321 | --- |
| 140 | --- | $Pt_{0.40}$ | 44 | 53 | 63 | 74 | 94 | 115 | --- | --- | --- | 180 | --- |
| | FAN | $P_{tF.40}$ | 22 | 24 | 27 | 28 | 37 | 40 | --- | --- | --- | 76 | --- |
| | CC | $P_{tC.20}$ | 56 | 58 | 62 | 62 | 65 | 67 | --- | --- | --- | 313 | --- |
| 160 | --- | $Pt_{0.40}$ | 43 | 52 | 61 | 67 | 92 | 110 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 21 | 23 | 26 | 25 | 35 | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 53 | 57 | 60 | 56 | 61 | 64 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 33 | 49 | 50 | 72 | 88 | 107 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 22 | 21 | 27 | 34 | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 42 | 54 | 48 | 60 | 59 | 60 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 32 | 39 | 49 | 54 | 75 | 102 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 17 | 20 | 20 | 27 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 41 | 43 | 46 | 44 | 47 | 58 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 31 | 37 | 47 | 57 | 72 | 87 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 19 | 21 | 26 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 41 | 44 | 46 | 46 | 46 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 30 | 36 | 45 | 50 | 69 | 83 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 16 | 19 | 18 | 25 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 40 | 44 | 45 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 29 | 35 | 45 | 53 | 67 | 80 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 19 | 20 | 24 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 38 | 43 | 43 | 42 | 43 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 29 | 34 | 44 | 48 | 65 | 77 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 15 | 18 | 18 | 24 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 42 | 39 | 41 | 41 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 33 | --- | 51 | 63 | 75 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 15 | --- | 19 | 23 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 36 | --- | 42 | 39 | 40 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 72 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 39 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1000 rpm
# @ 20°C = 68°F



| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 302 | 207 | * | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | 0 | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | 0 | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 317 | 250 | 94 | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | 104 | --- | 117 | --- | 62 | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 80 | --- | 109 | --- | 178 | --- | 65 | * | * | * | * |
| | CC | $P_{tC.20}$ | 166 | --- | 192 | --- | 233 | --- | 465 | 554 | 549 | * | * |
| 8 | --- | $Pt_{0.20}$ | 101 | 126 | 118 | 131 | 72 | 110 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 76 | 88 | 104 | 102 | 163 | 184 | 90 | * | * | * | * |
| | CC | $P_{tC.20}$ | 156 | 171 | 183 | 167 | 213 | 224 | 455 | 539 | 564 | 35 | * |
| 9 | --- | $Pt_{0.20}$ | 113 | 120 | 143 | 148 | 145 | 117 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 72 | 82 | 97 | 112 | 148 | 168 | 224 | 181 | 35 | * | * |
| | CC | $P_{tC.20}$ | 150 | 158 | 171 | 183 | 196 | 206 | 548 | 692 | 809 | 577 | * |
| 10 | --- | $Pt_{0.20}$ | 108 | 134 | 140 | 151 | 142 | 188 | 14 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 68 | 79 | 92 | 91 | 137 | 156 | 209 | 187 | 76 | * | * |
| | CC | $P_{tC.20}$ | 141 | 154 | 164 | 149 | 181 | 192 | 513 | 656 | 790 | 600 | 38 |
| 11,2 | --- | $Pt_{0.20}$ | 115 | 127 | 153 | 169 | 184 | 183 | 131 | 89 | * | * | * |
| | FAN | $P_{tF.20}$ | 66 | 73 | 86 | 100 | 130 | 145 | 167 | 233 | 286 | 172 | * |
| | CC | $P_{tC.20}$ | 138 | 143 | 154 | 164 | 172 | 178 | 442 | 658 | 914 | 874 | 627 |
| 12,5 | --- | $Pt_{0.20}$ | 110 | 136 | 149 | 158 | 176 | 224 | 131 | 95 | * | * | * |
| | FAN | $P_{tF.20}$ | 62 | 73 | 83 | 82 | 121 | 138 | 156 | 214 | 288 | 196 | * |
| | CC | $P_{tC.20}$ | 130 | 142 | 148 | 135 | 160 | 170 | 416 | 610 | 879 | 862 | 624 |
| 14 | --- | $Pt_{0.20}$ | 112 | 127 | 153 | 176 | 203 | 214 | 180 | 186 | 157 | 32 | * |
| | FAN | $P_{tF.20}$ | 61 | 67 | 78 | 90 | 116 | 128 | 141 | 191 | 250 | 369 | 268 |
| | CC | $P_{tC.20}$ | 126 | 131 | 138 | 148 | 154 | 158 | 382 | 562 | 781 | 955 | 874 |
| 16 | --- | $Pt_{0.20}$ | 107 | 131 | 148 | 157 | 192 | 240 | 174 | 179 | 160 | 56 | * |
| | FAN | $P_{tF.20}$ | 57 | 67 | 74 | 73 | 108 | 123 | 133 | 176 | 235 | 346 | 276 |
| | CC | $P_{tC.20}$ | 119 | 130 | 133 | 121 | 144 | 152 | 361 | 522 | 739 | 906 | 841 |
| 18 | --- | $Pt_{0.20}$ | 105 | 123 | 147 | 173 | 204 | 226 | 201 | 232 | 255 | 241 | 168 |
| | FAN | $P_{tF.20}$ | 54 | 62 | 69 | 81 | 102 | 115 | 119 | 158 | 200 | 277 | 327 |
| | CC | $P_{tC.20}$ | 112 | 120 | 123 | 133 | 136 | 142 | 326 | 476 | 647 | 779 | 819 |
| 20 | --- | $Pt_{0.20}$ | 100 | 122 | 142 | 150 | 193 | 237 | 192 | 219 | 248 | 242 | 173 |
| | FAN | $P_{tF.20}$ | 51 | 59 | 66 | 66 | 95 | 109 | 113 | 148 | 190 | 266 | 305 |
| | CC | $P_{tC.20}$ | 106 | 115 | 118 | 108 | 127 | 134 | 310 | 445 | 616 | 747 | 769 |
| 22,4 | --- | $Pt_{0.20}$ | 98 | 114 | 136 | 164 | 195 | 224 | 122 | 122 | 96 | 334 | * |
| | FAN | $P_{tF.20}$ | 48 | 55 | 60 | 72 | 88 | 102 | 103 | 137 | 183 | 227 | 102 |
| | CC | $P_{tC.20}$ | 101 | 107 | 108 | 118 | 118 | 125 | 280 | 405 | 570 | 653 | 548 |
| 25 | --- | $Pt_{0.20}$ | 93 | 114 | 132 | 138 | 184 | 224 | 131 | 143 | 136 | 327 | * |
| | FAN | $P_{tF.20}$ | 46 | 53 | 58 | 58 | 83 | 95 | 95 | 127 | 163 | 219 | 202 |
| | CC | $P_{tC.20}$ | 96 | 104 | 104 | 96 | 111 | 117 | 259 | 379 | 519 | 629 | 600 |
| 28 | --- | $Pt_{0.20}$ | 74 | 107 | 96 | 151 | 149 | 211 | 126 | 136 | 132 | 163 | * |
| | FAN | $P_{tF.20}$ | 39 | 50 | 48 | 63 | 73 | 89 | 91 | 120 | 156 | 198 | 198 |
| | CC | $P_{tC.20}$ | 81 | 97 | 86 | 104 | 97 | 110 | 248 | 357 | 498 | 552 | 577 |
| 31,5 | --- | $Pt_{0.20}$ | 71 | 86 | 93 | 101 | 142 | 173 | 164 | 202 | 233 | 193 | 203 |
| | FAN | $P_{tF.20}$ | 37 | 42 | 46 | 47 | 69 | 78 | 85 | 113 | 139 | 176 | 214 |
| | CC | $P_{tC.20}$ | 77 | 82 | 83 | 78 | 92 | 96 | 236 | 343 | 459 | 496 | 544 |
| 35,5 | --- | $Pt_{0.20}$ | 69 | 81 | 90 | 108 | 138 | 164 | 158 | 191 | 224 | 190 | 197 |
| | FAN | $P_{tF.20}$ | 35 | 40 | 44 | 50 | 65 | 73 | 82 | 106 | 134 | 171 | 204 |
| | CC | $P_{tC.20}$ | 74 | 78 | 79 | 83 | 86 | 91 | 226 | 324 | 441 | 482 | 519 |
| 40 | --- | $Pt_{0.20}$ | 66 | 80 | 87 | 94 | 131 | 159 | 154 | 191 | 223 | 282 | 220 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 42 | 43 | 62 | 69 | 76 | 100 | 124 | 153 | 190 |
| | CC | $P_{tC.20}$ | 71 | 76 | 76 | 71 | 82 | 85 | 211 | 306 | 408 | 442 | 488 |
| 45 | --- | $Pt_{0.20}$ | 64 | 75 | 87 | 101 | 130 | 152 | 148 | 180 | 215 | 276 | 212 |
| | FAN | $P_{tF.20}$ | 33 | 37 | 42 | 46 | 59 | 66 | 73 | 95 | 119 | 149 | 181 |
| | CC | $P_{tC.20}$ | 68 | 71 | 75 | 76 | 79 | 81 | 202 | 290 | 393 | 430 | 466 |

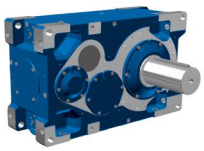
*** Additional Cooling Necessary - Consult Factory**





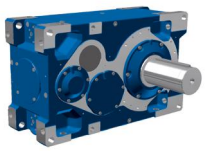
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 61 | 74 | 84 | 91 | 124 | 150 | 157 | 199 | 247 | 267 | 331 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 41 | 41 | 57 | 63 | 68 | 89 | 110 | 136 | 162 |
| | CC | $P_{tC.20}$ | 65 | 69 | 73 | 68 | 75 | 78 | 189 | 273 | 369 | 392 | 428 |
| 56 | --- | $Pt_{0.20}$ | 65 | 70 | 88 | 98 | 138 | 142 | 151 | 188 | 238 | 261 | 317 |
| | FAN | $P_{tF.20}$ | 31 | 34 | 39 | 44 | 57 | 60 | 65 | 84 | 106 | 132 | 155 |
| | CC | $P_{tC.20}$ | 65 | 66 | 70 | 73 | 76 | 74 | 181 | 259 | 355 | 382 | 409 |
| 63 | --- | $Pt_{0.20}$ | 62 | 75 | 85 | 91 | 131 | 157 | 144 | 183 | 228 | 287 | 313 |
| | FAN | $P_{tF.20}$ | 30 | 34 | 37 | 38 | 54 | 61 | 61 | 80 | 99 | 122 | 147 |
| | CC | $P_{tC.20}$ | 62 | 67 | 67 | 63 | 72 | 75 | 170 | 246 | 330 | 355 | 390 |
| 71 | --- | $Pt_{0.20}$ | 60 | 71 | 81 | 98 | 124 | 149 | 138 | 173 | 219 | 280 | 299 |
| | FAN | $P_{tF.20}$ | 29 | 32 | 35 | 41 | 51 | 58 | 59 | 76 | 95 | 118 | 141 |
| | CC | $P_{tC.20}$ | 60 | 63 | 64 | 67 | 68 | 71 | 163 | 233 | 318 | 346 | 372 |
| 80 | --- | $Pt_{0.20}$ | 57 | 69 | 78 | 84 | 118 | 141 | 134 | 171 | 218 | 263 | 312 |
| | FAN | $P_{tF.20}$ | 27 | 31 | 34 | 34 | 48 | 54 | 53 | 69 | 86 | 109 | 124 |
| | CC | $P_{tC.20}$ | 57 | 61 | 61 | 57 | 64 | 67 | 148 | 213 | 288 | 318 | 330 |
| 90 | --- | $Pt_{0.20}$ | 55 | 65 | 78 | 90 | 115 | 134 | 128 | 163 | 210 | 257 | 299 |
| | FAN | $P_{tF.20}$ | 26 | 29 | 34 | 37 | 47 | 51 | 51 | 66 | 83 | 106 | 119 |
| | CC | $P_{tC.20}$ | 55 | 58 | 61 | 62 | 62 | 63 | 142 | 203 | 278 | 309 | 317 |
| 100 | --- | $Pt_{0.20}$ | 53 | 63 | 76 | 80 | 110 | 131 | 123 | 157 | 200 | 249 | 291 |
| | FAN | $P_{tF.20}$ | 25 | 29 | 33 | 33 | 44 | 50 | 48 | 63 | 78 | 95 | 114 |
| | CC | $P_{tC.20}$ | 53 | 56 | 59 | 55 | 59 | 61 | 134 | 194 | 261 | 278 | 304 |
| 112 | --- | $Pt_{0.20}$ | 51 | 60 | 70 | 87 | 107 | 124 | 118 | 150 | 193 | 243 | 279 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 30 | 36 | 42 | 47 | 46 | 60 | 75 | 92 | 110 |
| | CC | $P_{tC.20}$ | 50 | 53 | 53 | 59 | 56 | 58 | 129 | 185 | 252 | 271 | 292 |
| 125 | --- | $Pt_{0.20}$ | 49 | 58 | 67 | 72 | 104 | 121 | --- | --- | --- | 228 | --- |
| | FAN | $P_{tF.20}$ | 23 | 26 | 29 | 29 | 41 | 45 | --- | --- | --- | 86 | --- |
| | CC | $P_{tC.20}$ | 48 | 51 | 51 | 48 | 55 | 56 | --- | --- | --- | 251 | --- |
| 140 | --- | $Pt_{0.20}$ | 47 | 55 | 67 | 77 | 99 | 118 | --- | --- | --- | 222 | --- |
| | FAN | $P_{tF.20}$ | 22 | 25 | 29 | 31 | 39 | 44 | --- | --- | --- | 84 | --- |
| | CC | $P_{tC.20}$ | 46 | 48 | 51 | 51 | 52 | 54 | --- | --- | --- | 245 | --- |
| 160 | --- | $Pt_{0.20}$ | 45 | 54 | 65 | 69 | 96 | 112 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 21 | 24 | 28 | 28 | 37 | 42 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 44 | 47 | 49 | 46 | 49 | 51 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 36 | 51 | 52 | 74 | 91 | 108 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 23 | 22 | 30 | 35 | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 44 | 40 | 50 | 47 | 49 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 35 | 41 | 51 | 54 | 76 | 103 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 21 | 22 | 29 | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 39 | 36 | 38 | 46 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 34 | 39 | 49 | 58 | 73 | 85 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 20 | 23 | 28 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 39 | 37 | 38 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 33 | 39 | 47 | 51 | 70 | 82 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 17 | 20 | 20 | 26 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 34 | 36 | 34 | 35 | 36 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 32 | 37 | 47 | 54 | 67 | 78 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 16 | 20 | 22 | 25 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 31 | 32 | 36 | 36 | 34 | 35 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 31 | 36 | 46 | 49 | 66 | 75 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 14 | 16 | 19 | 20 | 25 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 30 | 32 | 35 | 33 | 33 | 33 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 35 | --- | 52 | 63 | 74 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 15 | --- | 21 | 24 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 30 | --- | 35 | 32 | 33 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 71 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 31 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1000 rpm
# @ 40ºC = 104ºF



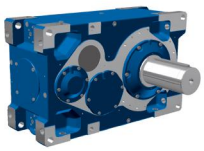
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 222 | 70 | * | --- | *0 |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 244 | 140 | * | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | 78 | --- | 76 | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 71 | --- | 98 | --- | 156 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 171 | --- | 201 | --- | 241 | --- | 400 | 468 | 430 | * | * |
| 8 | --- | $Pt_{0.40}$ | 76 | 96 | 79 | 92 | 0 | 22 | * | * | 0 | * | * |
| | FAN | $P_{tF.40}$ | 66 | 78 | 93 | 91 | 158 | 181 | * | * | 0 | * | * |
| | CC | $P_{tC.20}$ | 161 | 176 | 191 | 174 | 236 | 251 | 395 | 460 | 454 | * | * |
| 9 | --- | $Pt_{0.40}$ | 90 | 92 | 108 | 105 | 86 | 41 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 63 | 72 | 86 | 100 | 134 | 161 | 119 | 10 | * | * | * |
| | CC | $P_{tC.20}$ | 154 | 163 | 177 | 191 | 207 | 226 | 492 | 619 | 713 | 436 | * |
| 10 | --- | $Pt_{0.40}$ | 86 | 108 | 107 | 117 | 89 | 124 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 59 | 69 | 82 | 80 | 124 | 141 | 126 | 38 | * | * | * |
| | CC | $P_{tC.20}$ | 145 | 158 | 169 | 155 | 191 | 202 | 474 | 589 | 700 | 466 | * |
| 11,2 | --- | $Pt_{0.40}$ | 94 | 102 | 122 | 132 | 135 | 124 | 56 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 58 | 64 | 76 | 88 | 115 | 130 | 159 | 208 | 120 | * | * |
| | CC | $P_{tC.20}$ | 141 | 146 | 159 | 170 | 179 | 187 | 469 | 684 | 830 | 760 | 475 |
| 12,5 | --- | $Pt_{0.40}$ | 90 | 112 | 119 | 128 | 130 | 170 | 61 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 54 | 63 | 73 | 72 | 107 | 122 | 147 | 204 | 135 | 0 | * |
| | CC | $P_{tC.20}$ | 133 | 145 | 152 | 139 | 167 | 177 | 439 | 647 | 800 | 753 | 483 |
| 14 | --- | $Pt_{0.40}$ | 93 | 105 | 126 | 142 | 159 | 163 | 121 | 103 | 28 | * | * |
| | FAN | $P_{tF.40}$ | 53 | 59 | 68 | 79 | 102 | 114 | 128 | 177 | 251 | 223 | 7 |
| | CC | $P_{tC.20}$ | 129 | 134 | 142 | 152 | 159 | 164 | 398 | 589 | 838 | 887 | 750 |
| 16 | --- | $Pt_{0.40}$ | 88 | 109 | 122 | 130 | 152 | 192 | 119 | 103 | 42 | * | * |
| | FAN | $P_{tF.40}$ | 50 | 58 | 65 | 64 | 95 | 109 | 121 | 163 | 232 | 232 | 43 |
| | CC | $P_{tC.20}$ | 122 | 133 | 136 | 125 | 149 | 157 | 375 | 546 | 788 | 867 | 726 |
| 18 | --- | $Pt_{0.40}$ | 88 | 102 | 123 | 143 | 166 | 182 | 152 | 166 | 168 | 114 | * |
| | FAN | $P_{tF.40}$ | 47 | 54 | 60 | 70 | 89 | 101 | 107 | 143 | 182 | 261 | 323 |
| | CC | $P_{tC.20}$ | 115 | 123 | 126 | 137 | 140 | 147 | 338 | 493 | 673 | 820 | 884 |
| 20 | --- | $Pt_{0.40}$ | 83 | 102 | 119 | 125 | 157 | 195 | 146 | 158 | 165 | 122 | 6 |
| | FAN | $P_{tF.40}$ | 44 | 51 | 58 | 57 | 84 | 95 | 101 | 133 | 173 | 248 | 311 |
| | CC | $P_{tC.20}$ | 108 | 118 | 121 | 111 | 131 | 138 | 320 | 461 | 640 | 785 | 838 |
| 22,4 | --- | $Pt_{0.40}$ | 83 | 96 | 115 | 138 | 162 | 184 | 79 | 62 | * | 237 | * |
| | FAN | $P_{tF.40}$ | 42 | 48 | 53 | 63 | 77 | 89 | 94 | 128 | 185 | 205 | * |
| | CC | $P_{tC.20}$ | 104 | 110 | 111 | 122 | 121 | 129 | 291 | 425 | 614 | 676 | 460 |
| 25 | --- | $Pt_{0.40}$ | 79 | 96 | 111 | 117 | 153 | 188 | 92 | 89 | 59 | 234 | * |
| | FAN | $P_{tF.40}$ | 40 | 46 | 51 | 50 | 73 | 83 | 86 | 117 | 155 | 197 | 36 |
| | CC | $P_{tC.20}$ | 98 | 106 | 107 | 98 | 114 | 120 | 269 | 395 | 547 | 651 | 519 |
| 28 | --- | $Pt_{0.40}$ | 62 | 90 | 79 | 128 | 122 | 177 | 89 | 85 | 60 | 70 | * |
| | FAN | $P_{tF.40}$ | 34 | 43 | 42 | 55 | 64 | 78 | 82 | 110 | 148 | 189 | 42 |
| | CC | $P_{tC.20}$ | 82 | 99 | 88 | 107 | 100 | 113 | 257 | 372 | 524 | 584 | 500 |
| 31,5 | --- | $Pt_{0.40}$ | 59 | 72 | 77 | 84 | 116 | 143 | 130 | 156 | 173 | 114 | 102 |
| | FAN | $P_{tF.40}$ | 32 | 36 | 40 | 41 | 60 | 68 | 76 | 100 | 125 | 163 | 202 |
| | CC | $P_{tC.20}$ | 79 | 84 | 85 | 80 | 95 | 99 | 243 | 354 | 474 | 520 | 576 |
| 35,5 | --- | $Pt_{0.40}$ | 58 | 68 | 74 | 90 | 114 | 136 | 125 | 148 | 168 | 113 | 101 |
| | FAN | $P_{tF.40}$ | 31 | 34 | 38 | 44 | 57 | 64 | 72 | 95 | 120 | 158 | 192 |
| | CC | $P_{tC.20}$ | 76 | 79 | 80 | 85 | 89 | 93 | 232 | 334 | 455 | 505 | 549 |
| 40 | --- | $Pt_{0.40}$ | 55 | 67 | 72 | 78 | 109 | 133 | 124 | 150 | 171 | 218 | 133 |
| | FAN | $P_{tF.40}$ | 29 | 34 | 37 | 37 | 54 | 61 | 68 | 89 | 110 | 137 | 176 |
| | CC | $P_{tC.20}$ | 72 | 77 | 78 | 73 | 85 | 88 | 217 | 315 | 421 | 456 | 512 |
| 45 | --- | $Pt_{0.40}$ | 53 | 63 | 73 | 84 | 108 | 126 | 119 | 142 | 165 | 213 | 129 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 36 | 40 | 52 | 57 | 65 | 84 | 106 | 133 | 167 |
| | CC | $P_{tC.20}$ | 69 | 73 | 77 | 78 | 82 | 83 | 208 | 298 | 405 | 444 | 489 |

*** Additional Cooling Necessary - Consult Factory**



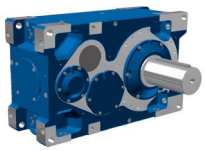
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 51 | 62 | 70 | 76 | 103 | 125 | 130 | 163 | 201 | 210 | 261 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 35 | 35 | 49 | 55 | 60 | 78 | 97 | 121 | 144 |
| | CC | $P_{tC.20}$ | 66 | 71 | 74 | 69 | 78 | 80 | 194 | 280 | 378 | 405 | 441 |
| 56 | --- | $Pt_{0.40}$ | 55 | 59 | 75 | 82 | 117 | 119 | 125 | 155 | 194 | 205 | 250 |
| | FAN | $P_{tF.40}$ | 27 | 29 | 34 | 38 | 50 | 53 | 57 | 74 | 94 | 118 | 137 |
| | CC | $P_{tC.20}$ | 66 | 67 | 71 | 75 | 78 | 76 | 186 | 265 | 364 | 394 | 421 |
| 63 | --- | $Pt_{0.40}$ | 53 | 64 | 72 | 77 | 111 | 134 | 120 | 151 | 187 | 237 | 249 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 32 | 33 | 47 | 53 | 54 | 71 | 87 | 108 | 131 |
| | CC | $P_{tC.20}$ | 64 | 68 | 69 | 64 | 74 | 77 | 175 | 252 | 339 | 365 | 401 |
| 71 | --- | $Pt_{0.40}$ | 51 | 60 | 69 | 83 | 106 | 127 | 115 | 143 | 180 | 231 | 239 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 31 | 35 | 44 | 50 | 52 | 67 | 84 | 105 | 125 |
| | CC | $P_{tC.20}$ | 61 | 64 | 65 | 69 | 69 | 73 | 168 | 239 | 327 | 355 | 383 |
| 80 | --- | $Pt_{0.40}$ | 49 | 58 | 67 | 71 | 101 | 120 | 113 | 144 | 182 | 218 | 259 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 30 | 30 | 42 | 47 | 46 | 61 | 75 | 96 | 109 |
| | CC | $P_{tC.20}$ | 58 | 62 | 63 | 59 | 66 | 69 | 151 | 218 | 295 | 326 | 338 |
| 90 | --- | $Pt_{0.40}$ | 47 | 55 | 66 | 76 | 98 | 114 | 108 | 137 | 176 | 213 | 249 |
| | FAN | $P_{tF.40}$ | 23 | 25 | 29 | 32 | 41 | 45 | 45 | 58 | 73 | 94 | 105 |
| | CC | $P_{tC.20}$ | 56 | 59 | 63 | 63 | 64 | 65 | 146 | 208 | 285 | 318 | 325 |
| 100 | --- | $Pt_{0.40}$ | 45 | 54 | 64 | 68 | 93 | 112 | 104 | 133 | 168 | 210 | 242 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 28 | 29 | 39 | 43 | 42 | 55 | 68 | 83 | 101 |
| | CC | $P_{tC.20}$ | 53 | 57 | 60 | 56 | 61 | 63 | 138 | 198 | 267 | 285 | 312 |
| 112 | --- | $Pt_{0.40}$ | 44 | 51 | 59 | 74 | 92 | 106 | 100 | 126 | 162 | 205 | 233 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 26 | 31 | 37 | 41 | 41 | 53 | 66 | 81 | 97 |
| | CC | $P_{tC.20}$ | 51 | 54 | 54 | 60 | 58 | 60 | 133 | 189 | 258 | 278 | 299 |
| 125 | --- | $Pt_{0.40}$ | 42 | 50 | 58 | 61 | 90 | 104 | --- | --- | --- | 192 | --- |
| | FAN | $P_{tF.40}$ | 20 | 22 | 25 | 25 | 36 | 39 | --- | --- | --- | 76 | --- |
| | CC | $P_{tC.20}$ | 49 | 52 | 52 | 49 | 56 | 57 | --- | --- | --- | 258 | --- |
| 140 | --- | $Pt_{0.40}$ | 40 | 47 | 57 | 66 | 85 | 101 | --- | --- | --- | 188 | --- |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 27 | 34 | 38 | --- | --- | --- | 74 | --- |
| | CC | $P_{tC.20}$ | 47 | 49 | 52 | 52 | 53 | 55 | --- | --- | --- | 252 | --- |
| 160 | --- | $Pt_{0.40}$ | 39 | 46 | 56 | 59 | 82 | 96 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 18 | 21 | 24 | 24 | 32 | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 45 | 48 | 50 | 47 | 51 | 53 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 31 | 44 | 45 | 63 | 78 | 93 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 20 | 19 | 26 | 31 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 45 | 40 | 51 | 48 | 50 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 30 | 35 | 44 | 47 | 65 | 88 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 18 | 19 | 25 | 33 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 37 | 39 | 48 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 29 | 34 | 42 | 49 | 63 | 73 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 15 | 18 | 20 | 24 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 39 | 38 | 39 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 28 | 33 | 41 | 43 | 60 | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 17 | 17 | 23 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 36 | 34 | 36 | 37 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 27 | 32 | 40 | 46 | 58 | 68 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 14 | 17 | 19 | 22 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 33 | 36 | 36 | 35 | 36 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 26 | 31 | 39 | 42 | 57 | 65 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 12 | 14 | 17 | 17 | 22 | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 30 | 32 | 35 | 33 | 34 | 34 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 30 | --- | 45 | 54 | 64 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 13 | --- | 18 | 21 | 23 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 31 | --- | 35 | 33 | 34 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 61 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 22 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 32 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1200 rpm
# @ 20°C = 68°F



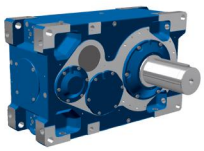
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | 77 | --- | 52 | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 89 | --- | 128 | --- | 105 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 181 | --- | 220 | --- | 172 | --- | 231 | 161 | * | * | * |
| 8 | --- | $Pt_{0.20}$ | 76 | 97 | 60 | 77 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 83 | 97 | 121 | 116 | 118 | 162 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 170 | 186 | 208 | 188 | 179 | 210 | 249 | 201 | * | * | * |
| 9 | --- | $Pt_{0.20}$ | 98 | 95 | 107 | 92 | 37 | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 78 | 89 | 107 | 127 | 181 | 172 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 161 | 172 | 188 | 206 | 235 | 216 | 418 | 480 | 466 | * | * |
| 10 | --- | $Pt_{0.20}$ | 95 | 119 | 108 | 122 | 49 | 89 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 73 | 86 | 102 | 100 | 164 | 183 | 28 | * | * | * | * |
| | CC | $P_{tC.20}$ | 152 | 166 | 180 | 164 | 214 | 222 | 410 | 469 | 481 | * | * |
| 11,2 | --- | $Pt_{0.20}$ | 107 | 113 | 133 | 138 | 127 | 97 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 71 | 79 | 94 | 110 | 146 | 167 | 192 | 135 | * | * | * |
| | CC | $P_{tC.20}$ | 147 | 153 | 167 | 179 | 192 | 204 | 505 | 634 | 712 | 497 | * |
| 12,5 | --- | $Pt_{0.20}$ | 102 | 128 | 131 | 143 | 125 | 170 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 67 | 78 | 90 | 89 | 135 | 153 | 191 | 144 | * | * | * |
| | CC | $P_{tC.20}$ | 139 | 151 | 160 | 146 | 179 | 188 | 486 | 605 | 697 | 516 | * |
| 14 | --- | $Pt_{0.20}$ | 108 | 120 | 143 | 159 | 171 | 166 | 95 | 24 | * | * | * |
| | FAN | $P_{tF.20}$ | 65 | 72 | 84 | 97 | 126 | 142 | 165 | 247 | 220 | 35 | * |
| | CC | $P_{tC.20}$ | 135 | 140 | 149 | 160 | 168 | 175 | 432 | 663 | 830 | 769 | 499 |
| 16 | --- | $Pt_{0.20}$ | 103 | 127 | 139 | 149 | 163 | 210 | 97 | 37 | * | * | * |
| | FAN | $P_{tF.20}$ | 61 | 71 | 80 | 79 | 118 | 134 | 155 | 224 | 225 | 71 | * |
| | CC | $P_{tC.20}$ | 127 | 138 | 143 | 130 | 157 | 165 | 407 | 610 | 800 | 760 | 503 |
| 18 | --- | $Pt_{0.20}$ | 103 | 120 | 143 | 165 | 188 | 200 | 154 | 152 | 123 | * | * |
| | FAN | $P_{tF.20}$ | 57 | 66 | 74 | 87 | 110 | 125 | 134 | 181 | 237 | 337 | 219 |
| | CC | $P_{tC.20}$ | 119 | 128 | 131 | 143 | 146 | 154 | 360 | 530 | 732 | 904 | 795 |
| 20 | --- | $Pt_{0.20}$ | 98 | 121 | 139 | 147 | 178 | 223 | 150 | 147 | 126 | * | * |
| | FAN | $P_{tF.20}$ | 54 | 63 | 71 | 70 | 103 | 117 | 126 | 169 | 223 | 339 | 227 |
| | CC | $P_{tC.20}$ | 113 | 122 | 126 | 116 | 137 | 144 | 341 | 494 | 694 | 882 | 767 |
| 22,4 | --- | $Pt_{0.20}$ | 98 | 114 | 136 | 162 | 188 | 211 | 54 | * | * | 210 | + |
| | FAN | $P_{tF.20}$ | 51 | 58 | 64 | 77 | 95 | 110 | 123 | 178 | 133 | 260 | * |
| | CC | $P_{tC.20}$ | 108 | 114 | 115 | 127 | 126 | 135 | 318 | 479 | 580 | 727 | 240 |
| 25 | --- | $Pt_{0.20}$ | 94 | 115 | 132 | 140 | 178 | 220 | 79 | 51 | * | 211 | * |
| | FAN | $P_{tF.20}$ | 49 | 56 | 62 | 62 | 89 | 101 | 110 | 155 | 189 | 250 | * |
| | CC | $P_{tC.20}$ | 102 | 110 | 111 | 102 | 119 | 125 | 290 | 434 | 591 | 700 | 365 |
| 28 | --- | $Pt_{0.20}$ | 72 | 108 | 91 | 153 | 138 | 208 | 77 | 51 | * | * | * |
| | FAN | $P_{tF.20}$ | 41 | 53 | 51 | 67 | 79 | 95 | 105 | 145 | 185 | 226 | * |
| | CC | $P_{tC.20}$ | 86 | 103 | 92 | 111 | 105 | 117 | 277 | 409 | 570 | 630 | 355 |
| 31,5 | --- | $Pt_{0.20}$ | 69 | 84 | 89 | 98 | 132 | 164 | 142 | 163 | 170 | 47 | * |
| | FAN | $P_{tF.20}$ | 39 | 45 | 50 | 50 | 75 | 84 | 94 | 125 | 157 | 222 | 276 |
| | CC | $P_{tC.20}$ | 82 | 87 | 89 | 83 | 99 | 103 | 256 | 375 | 506 | 581 | 652 |
| 35,5 | --- | $Pt_{0.20}$ | 68 | 80 | 86 | 105 | 131 | 156 | 136 | 155 | 165 | 50 | * |
| | FAN | $P_{tF.20}$ | 38 | 42 | 47 | 54 | 70 | 79 | 90 | 118 | 150 | 214 | 267 |
| | CC | $P_{tC.20}$ | 79 | 83 | 84 | 89 | 93 | 97 | 245 | 354 | 485 | 564 | 626 |
| 40 | --- | $Pt_{0.20}$ | 65 | 79 | 84 | 92 | 125 | 154 | 137 | 161 | 176 | 226 | 65 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 45 | 46 | 66 | 74 | 83 | 111 | 138 | 171 | 236 |
| | CC | $P_{tC.20}$ | 75 | 80 | 81 | 75 | 88 | 91 | 229 | 333 | 447 | 485 | 571 |
| 45 | --- | $Pt_{0.20}$ | 63 | 75 | 85 | 99 | 125 | 147 | 131 | 153 | 170 | 221 | 66 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 45 | 49 | 64 | 70 | 80 | 105 | 132 | 166 | 224 |
| | CC | $P_{tC.20}$ | 72 | 76 | 80 | 81 | 85 | 87 | 219 | 315 | 430 | 471 | 544 |

*** Additional Cooling Necessary - Consult Factory**



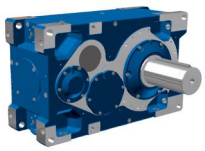
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 60 | 73 | 82 | 90 | 119 | 146 | 151 | 187 | 228 | 224 | 281 |
| | FAN | $P_{tF.20}$ | 33 | 38 | 43 | 44 | 61 | 68 | 73 | 96 | 120 | 150 | 178 |
| | CC | $P_{tC.20}$ | 69 | 74 | 77 | 72 | 81 | 84 | 203 | 294 | 397 | 429 | 465 |
| 56 | --- | $Pt_{0.20}$ | 66 | 70 | 89 | 96 | 140 | 139 | 145 | 177 | 220 | 219 | 270 |
| | FAN | $P_{tF.20}$ | 33 | 36 | 41 | 47 | 61 | 65 | 70 | 91 | 115 | 146 | 170 |
| | CC | $P_{tC.20}$ | 69 | 70 | 74 | 77 | 81 | 80 | 194 | 278 | 382 | 417 | 444 |
| 63 | --- | $Pt_{0.20}$ | 64 | 76 | 87 | 93 | 133 | 160 | 140 | 174 | 213 | 271 | 273 |
| | FAN | $P_{tF.20}$ | 32 | 36 | 40 | 40 | 57 | 65 | 66 | 86 | 107 | 132 | 161 |
| | CC | $P_{tC.20}$ | 66 | 70 | 71 | 66 | 77 | 80 | 182 | 264 | 356 | 383 | 422 |
| 71 | --- | $Pt_{0.20}$ | 61 | 72 | 82 | 100 | 126 | 152 | 134 | 165 | 205 | 265 | 262 |
| | FAN | $P_{tF.20}$ | 30 | 34 | 38 | 43 | 54 | 61 | 63 | 82 | 103 | 128 | 154 |
| | CC | $P_{tC.20}$ | 63 | 66 | 67 | 71 | 72 | 76 | 175 | 251 | 343 | 373 | 404 |
| 80 | --- | $Pt_{0.20}$ | 58 | 70 | 80 | 85 | 120 | 144 | 134 | 170 | 214 | 251 | 301 |
| | FAN | $P_{tF.20}$ | 29 | 33 | 36 | 37 | 51 | 58 | 57 | 74 | 92 | 118 | 133 |
| | CC | $P_{tC.20}$ | 60 | 64 | 65 | 61 | 68 | 71 | 158 | 228 | 308 | 342 | 353 |
| 90 | --- | $Pt_{0.20}$ | 56 | 67 | 80 | 92 | 117 | 137 | 129 | 162 | 207 | 245 | 289 |
| | FAN | $P_{tF.20}$ | 28 | 31 | 36 | 39 | 50 | 55 | 55 | 70 | 89 | 115 | 128 |
| | CC | $P_{tC.20}$ | 58 | 61 | 65 | 65 | 66 | 67 | 152 | 217 | 298 | 333 | 339 |
| 100 | --- | $Pt_{0.20}$ | 54 | 65 | 77 | 82 | 112 | 134 | 123 | 157 | 197 | 248 | 282 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 35 | 35 | 47 | 53 | 52 | 67 | 83 | 102 | 123 |
| | CC | $P_{tC.20}$ | 56 | 59 | 63 | 58 | 63 | 65 | 143 | 207 | 279 | 297 | 325 |
| 112 | --- | $Pt_{0.20}$ | 52 | 61 | 72 | 88 | 110 | 127 | 118 | 149 | 191 | 242 | 271 |
| | FAN | $P_{tF.20}$ | 25 | 29 | 31 | 38 | 45 | 50 | 50 | 64 | 81 | 99 | 118 |
| | CC | $P_{tC.20}$ | 53 | 56 | 56 | 63 | 60 | 62 | 138 | 197 | 270 | 290 | 312 |
| 125 | --- | $Pt_{0.20}$ | 50 | 60 | 70 | 74 | 108 | 125 | --- | --- | --- | 227 | --- |
| | FAN | $P_{tF.20}$ | 24 | 27 | 30 | 31 | 43 | 48 | --- | --- | --- | 92 | --- |
| | CC | $P_{tC.20}$ | 51 | 54 | 54 | 51 | 58 | 59 | --- | --- | --- | 269 | --- |
| 140 | --- | $Pt_{0.20}$ | 48 | 57 | 69 | 80 | 102 | 122 | --- | --- | --- | 222 | --- |
| | FAN | $P_{tF.20}$ | 23 | 26 | 30 | 33 | 41 | 46 | --- | --- | --- | 90 | --- |
| | CC | $P_{tC.20}$ | 49 | 51 | 54 | 54 | 55 | 57 | --- | --- | --- | 262 | --- |
| 160 | --- | $Pt_{0.20}$ | 46 | 56 | 67 | 71 | 99 | 116 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 22 | 25 | 29 | 29 | 39 | 44 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 47 | 50 | 52 | 49 | 52 | 54 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 37 | 53 | 54 | 77 | 95 | 112 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 24 | 23 | 32 | 38 | 42 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 47 | 42 | 52 | 50 | 52 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 36 | 43 | 53 | 57 | 79 | 107 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 23 | 23 | 30 | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 38 | 41 | 49 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 35 | 41 | 50 | 60 | 76 | 89 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 18 | 22 | 24 | 29 | 32 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 41 | 39 | 40 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 34 | 40 | 49 | 53 | 73 | 85 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 21 | 21 | 28 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 35 | 37 | 38 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 33 | 38 | 49 | 56 | 70 | 82 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 17 | 21 | 23 | 27 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 38 | 38 | 36 | 37 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 32 | 38 | 48 | 51 | 69 | 79 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 15 | 17 | 20 | 21 | 26 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 33 | 37 | 34 | 35 | 35 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 36 | --- | 54 | 66 | 77 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 16 | --- | 22 | 25 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 37 | 34 | 35 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 74 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 33 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1200 rpm
# @ 40°C = 104°F



| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | 46 | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 80 | --- | 121 | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 189 | --- | 236 | --- | 106 | --- | 146 | 16 | * | * | * |
| 8 | --- | $Pt_{0.40}$ | 48 | 63 | 6 | 25 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 75 | 86 | 119 | 112 | 9 | 40 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 177 | 193 | 228 | 205 | 119 | 137 | 172 | 83 | * | * | * |
| 9 | --- | $Pt_{0.40}$ | 72 | 64 | 67 | 36 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 69 | 80 | 97 | 121 | 135 | 67 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 166 | 178 | 197 | 222 | 219 | 150 | 353 | 393 | 347 | * | * |
| 10 | --- | $Pt_{0.40}$ | 71 | 90 | 70 | 84 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 65 | 75 | 92 | 90 | 137 | 182 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 156 | 171 | 188 | 171 | 214 | 252 | 349 | 389 | 371 | * | * |
| 11,2 | --- | $Pt_{0.40}$ | 84 | 87 | 99 | 96 | 68 | 16 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 62 | 70 | 84 | 98 | 134 | 165 | 87 | * | * | * | * |
| | CC | $P_{tC.20}$ | 151 | 158 | 173 | 187 | 205 | 230 | 451 | 563 | 616 | 355 | * |
| 12,5 | --- | $Pt_{0.40}$ | 81 | 101 | 98 | 109 | 71 | 107 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 58 | 68 | 80 | 78 | 123 | 139 | 95 | * | * | * | * |
| | CC | $P_{tC.20}$ | 142 | 155 | 165 | 151 | 190 | 199 | 435 | 539 | 606 | 383 | * |
| 14 | --- | $Pt_{0.40}$ | 87 | 96 | 113 | 123 | 122 | 108 | 11 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 56 | 63 | 74 | 86 | 113 | 129 | 167 | 156 | 42 | * | * |
| | CC | $P_{tC.20}$ | 138 | 144 | 153 | 165 | 175 | 184 | 469 | 626 | 750 | 655 | 347 |
| 16 | --- | $Pt_{0.40}$ | 83 | 104 | 111 | 120 | 118 | 157 | 20 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 53 | 62 | 71 | 69 | 105 | 120 | 155 | 154 | 62 | * | * |
| | CC | $P_{tC.20}$ | 130 | 142 | 147 | 134 | 163 | 172 | 439 | 590 | 724 | 652 | 362 |
| 18 | --- | $Pt_{0.40}$ | 85 | 98 | 117 | 133 | 147 | 151 | 98 | 71 | * | * | * |
| | FAN | $P_{tF.40}$ | 50 | 57 | 65 | 76 | 97 | 111 | 122 | 172 | 238 | 160 | * |
| | CC | $P_{tC.20}$ | 122 | 131 | 135 | 147 | 152 | 160 | 376 | 559 | 787 | 808 | 679 |
| 20 | --- | $Pt_{0.40}$ | 81 | 100 | 113 | 121 | 140 | 177 | 97 | 72 | 6 | * | * |
| | FAN | $P_{tF.40}$ | 47 | 54 | 62 | 61 | 91 | 103 | 115 | 159 | 229 | 171 | * |
| | CC | $P_{tC.20}$ | 115 | 125 | 130 | 119 | 142 | 150 | 356 | 520 | 751 | 791 | 657 |
| 22,4 | --- | $Pt_{0.40}$ | 82 | 94 | 113 | 134 | 153 | 168 | * | * | * | 87 | * |
| | FAN | $P_{tF.40}$ | 45 | 51 | 56 | 67 | 83 | 97 | 117 | 94 | * | 248 | * |
| | CC | $P_{tC.20}$ | 110 | 117 | 118 | 130 | 131 | 140 | 338 | 435 | 521 | 770 | 118 |
| 25 | --- | $Pt_{0.40}$ | 78 | 96 | 110 | 117 | 145 | 180 | 28 | * | * | 94 | * |
| | FAN | $P_{tF.40}$ | 42 | 49 | 54 | 54 | 78 | 89 | 106 | 130 | 83 | 236 | * |
| | CC | $P_{tC.20}$ | 104 | 113 | 114 | 105 | 123 | 129 | 310 | 444 | 537 | 739 | 265 |
| 28 | --- | $Pt_{0.40}$ | 59 | 90 | 73 | 128 | 109 | 171 | 29 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 36 | 46 | 45 | 59 | 69 | 84 | 101 | 125 | 83 | 97 | * |
| | CC | $P_{tC.20}$ | 88 | 105 | 94 | 114 | 108 | 121 | 295 | 421 | 519 | 562 | 260 |
| 31,5 | --- | $Pt_{0.40}$ | 57 | 69 | 71 | 79 | 104 | 131 | 104 | 111 | 100 | * | * |
| | FAN | $P_{tF.40}$ | 34 | 39 | 43 | 44 | 66 | 74 | 84 | 113 | 144 | 160 | 135 |
| | CC | $P_{tC.20}$ | 84 | 89 | 91 | 85 | 103 | 107 | 266 | 389 | 527 | 568 | 574 |
| 35,5 | --- | $Pt_{0.40}$ | 56 | 66 | 70 | 85 | 105 | 125 | 100 | 106 | 98 | * | * |
| | FAN | $P_{tF.40}$ | 33 | 37 | 41 | 47 | 61 | 70 | 80 | 106 | 138 | 158 | 134 |
| | CC | $P_{tC.20}$ | 81 | 84 | 86 | 91 | 96 | 101 | 254 | 367 | 506 | 555 | 552 |
| 40 | --- | $Pt_{0.40}$ | 53 | 65 | 68 | 75 | 101 | 125 | 103 | 116 | 116 | 151 | * |
| | FAN | $P_{tF.40}$ | 31 | 36 | 39 | 40 | 58 | 65 | 75 | 100 | 126 | 155 | 181 |
| | CC | $P_{tC.20}$ | 77 | 82 | 83 | 77 | 91 | 95 | 237 | 345 | 465 | 505 | 567 |
| 45 | --- | $Pt_{0.40}$ | 52 | 62 | 69 | 81 | 101 | 119 | 99 | 110 | 112 | 149 | * |
| | FAN | $P_{tF.40}$ | 30 | 34 | 39 | 42 | 56 | 62 | 71 | 94 | 120 | 151 | 176 |
| | CC | $P_{tC.20}$ | 74 | 78 | 82 | 83 | 88 | 90 | 227 | 326 | 446 | 491 | 543 |

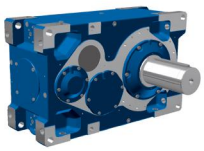
*** Additional Cooling Necessary - Consult Factory**





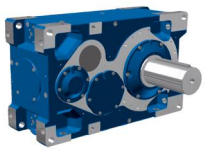
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 50 | 61 | 67 | 74 | 97 | 120 | 122 | 149 | 178 | 160 | 203 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 38 | 38 | 53 | 60 | 65 | 85 | 107 | 136 | 160 |
| | CC | $P_{tC.20}$ | 71 | 75 | 79 | 74 | 84 | 86 | 208 | 302 | 409 | 446 | 482 |
| 56 | --- | $Pt_{0.40}$ | 56 | 58 | 75 | 79 | 117 | 114 | 117 | 141 | 171 | 157 | 195 |
| | FAN | $P_{tF.40}$ | 29 | 31 | 36 | 41 | 53 | 57 | 62 | 81 | 103 | 132 | 153 |
| | CC | $P_{tC.20}$ | 70 | 71 | 75 | 79 | 83 | 82 | 200 | 286 | 394 | 434 | 460 |
| 63 | --- | $Pt_{0.40}$ | 54 | 65 | 73 | 78 | 112 | 135 | 114 | 140 | 168 | 216 | 203 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 34 | 35 | 50 | 56 | 58 | 77 | 95 | 117 | 144 |
| | CC | $P_{tC.20}$ | 67 | 72 | 73 | 68 | 79 | 82 | 188 | 272 | 366 | 394 | 437 |
| 71 | --- | $Pt_{0.40}$ | 51 | 61 | 69 | 84 | 107 | 128 | 109 | 132 | 162 | 211 | 195 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 33 | 37 | 47 | 54 | 56 | 73 | 92 | 114 | 138 |
| | CC | $P_{tC.20}$ | 64 | 68 | 69 | 73 | 74 | 78 | 180 | 258 | 353 | 384 | 417 |
| 80 | --- | $Pt_{0.40}$ | 49 | 59 | 67 | 72 | 101 | 122 | 111 | 141 | 176 | 202 | 244 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 31 | 32 | 45 | 50 | 50 | 65 | 81 | 105 | 118 |
| | CC | $P_{tC.20}$ | 62 | 66 | 66 | 62 | 70 | 73 | 162 | 234 | 316 | 352 | 363 |
| 90 | --- | $Pt_{0.40}$ | 47 | 56 | 67 | 78 | 99 | 116 | 107 | 134 | 170 | 197 | 234 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 31 | 34 | 43 | 48 | 48 | 62 | 78 | 102 | 113 |
| | CC | $P_{tC.20}$ | 59 | 62 | 66 | 67 | 68 | 69 | 156 | 223 | 305 | 343 | 349 |
| 100 | --- | $Pt_{0.40}$ | 45 | 55 | 65 | 70 | 94 | 113 | 103 | 130 | 163 | 206 | 230 |
| | FAN | $P_{tF.40}$ | 23 | 26 | 30 | 30 | 41 | 46 | 45 | 59 | 74 | 90 | 108 |
| | CC | $P_{tC.20}$ | 57 | 60 | 64 | 59 | 65 | 67 | 147 | 212 | 286 | 305 | 334 |
| 112 | --- | $Pt_{0.40}$ | 45 | 52 | 61 | 75 | 94 | 108 | 99 | 124 | 157 | 201 | 221 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 27 | 33 | 39 | 44 | 44 | 57 | 71 | 88 | 104 |
| | CC | $P_{tC.20}$ | 54 | 57 | 57 | 64 | 62 | 64 | 142 | 203 | 277 | 298 | 321 |
| 125 | --- | $Pt_{0.40}$ | 43 | 51 | 59 | 63 | 92 | 107 | --- | --- | --- | 189 | --- |
| | FAN | $P_{tF.40}$ | 21 | 24 | 26 | 26 | 38 | 42 | --- | --- | --- | 81 | --- |
| | CC | $P_{tC.20}$ | 51 | 55 | 55 | 52 | 60 | 61 | --- | --- | --- | 276 | --- |
| 140 | --- | $Pt_{0.40}$ | 41 | 49 | 59 | 68 | 87 | 104 | --- | --- | --- | 185 | --- |
| | FAN | $P_{tF.40}$ | 20 | 22 | 26 | 28 | 36 | 41 | --- | --- | --- | 79 | --- |
| | CC | $P_{tC.20}$ | 50 | 52 | 55 | 55 | 57 | 59 | --- | --- | --- | 269 | --- |
| 160 | --- | $Pt_{0.40}$ | 39 | 47 | 57 | 61 | 85 | 99 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 19 | 22 | 25 | 25 | 34 | 39 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 47 | 50 | 53 | 50 | 54 | 56 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 32 | 45 | 46 | 65 | 81 | 96 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 21 | 20 | 27 | 33 | 37 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 48 | 43 | 53 | 51 | 53 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 31 | 36 | 45 | 48 | 68 | 91 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 19 | 20 | 27 | 35 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 38 | 41 | 39 | 42 | 51 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 30 | 35 | 43 | 51 | 65 | 76 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 19 | 21 | 26 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 37 | 40 | 41 | 40 | 41 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 29 | 34 | 42 | 45 | 62 | 73 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 18 | 18 | 24 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 38 | 36 | 38 | 40 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 28 | 33 | 42 | 48 | 60 | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 18 | 20 | 23 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 34 | 38 | 38 | 37 | 38 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 27 | 32 | 41 | 43 | 59 | 68 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 13 | 15 | 18 | 18 | 23 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 32 | 34 | 37 | 35 | 36 | 36 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 31 | --- | 46 | 57 | 66 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 14 | --- | 19 | 22 | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 37 | 35 | 36 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 64 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 24 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 34 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1500 rpm
# @ 20°C = 68°F



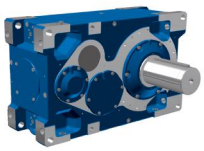
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | 4 | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 112 | --- | 61 | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 217 | --- | 177 | --- | * | --- | * | * | * | * | * |
| 8 | --- | $Pt_{0.20}$ | 12 | 23 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 104 | 120 | 75 | 95 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 202 | 220 | 183 | 182 | * | * | * | * | * | * | * |
| 9 | --- | $Pt_{0.20}$ | 61 | 31 | 11 | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 89 | 109 | 139 | 115 | 13 | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 181 | 201 | 233 | 209 | 97 | * | 55 | * | * | * | * |
| 10 | --- | $Pt_{0.20}$ | 61 | 81 | 22 | 46 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 83 | 96 | 130 | 123 | 37 | 84 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 170 | 185 | 219 | 195 | 110 | 138 | 95 | * | * | * | * |
| 11,2 | --- | $Pt_{0.20}$ | 85 | 80 | 84 | 58 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 79 | 89 | 108 | 132 | 166 | 102 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 162 | 171 | 189 | 211 | 222 | 150 | 327 | 342 | 174 | * | * |
| 12,5 | --- | $Pt_{0.20}$ | 82 | 105 | 86 | 102 | * | 20 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 74 | 86 | 103 | 101 | 166 | 200 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 152 | 166 | 181 | 164 | 217 | 241 | 324 | 343 | 214 | * | * |
| 14 | --- | $Pt_{0.20}$ | 94 | 101 | 115 | 116 | 90 | 37 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 71 | 80 | 93 | 110 | 149 | 181 | 101 | * | * | * | * |
| | CC | $P_{tC.20}$ | 147 | 154 | 165 | 180 | 195 | 218 | 426 | 520 | 545 | 190 | * |
| 16 | --- | $Pt_{0.20}$ | 90 | 114 | 114 | 127 | 91 | 134 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 67 | 77 | 89 | 88 | 138 | 155 | 107 | * | * | * | * |
| | CC | $P_{tC.20}$ | 138 | 150 | 158 | 144 | 182 | 190 | 411 | 497 | 540 | 230 | * |
| 18 | --- | $Pt_{0.20}$ | 96 | 108 | 129 | 142 | 145 | 133 | 28 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 62 | 72 | 81 | 96 | 124 | 144 | 176 | 188 | 109 | * | * |
| | CC | $P_{tC.20}$ | 129 | 140 | 144 | 158 | 164 | 176 | 435 | 597 | 713 | 600 | 304 |
| 20 | --- | $Pt_{0.20}$ | 92 | 114 | 126 | 137 | 139 | 183 | 35 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 59 | 68 | 78 | 77 | 116 | 131 | 164 | 184 | 120 | * | * |
| | CC | $P_{tC.20}$ | 122 | 132 | 139 | 127 | 154 | 161 | 409 | 564 | 690 | 599 | 319 |
| 22,4 | --- | $Pt_{0.20}$ | 95 | 108 | 130 | 151 | 167 | 175 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 55 | 63 | 70 | 84 | 105 | 122 | 49 | * | * | 236 | * |
| | CC | $P_{tC.20}$ | 116 | 123 | 125 | 138 | 139 | 150 | 292 | 348 | 356 | 787 | * |
| 25 | --- | $Pt_{0.20}$ | 91 | 112 | 127 | 136 | 159 | 201 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 53 | 61 | 68 | 67 | 99 | 111 | 93 | 30 | * | 241 | * |
| | CC | $P_{tC.20}$ | 110 | 119 | 121 | 111 | 131 | 137 | 308 | 384 | 422 | 770 | * |
| 28 | --- | $Pt_{0.20}$ | 65 | 106 | 78 | 149 | 110 | 191 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 45 | 57 | 56 | 73 | 88 | 105 | 91 | 33 | * | * | * |
| | CC | $P_{tC.20}$ | 93 | 111 | 100 | 120 | 117 | 129 | 296 | 366 | 410 | 405 | * |
| 31,5 | --- | $Pt_{0.20}$ | 63 | 78 | 76 | 87 | 105 | 138 | 84 | 65 | * | * | * |
| | FAN | $P_{tF.20}$ | 43 | 49 | 54 | 55 | 84 | 93 | 110 | 153 | 209 | * | * |
| | CC | $P_{tC.20}$ | 89 | 95 | 97 | 90 | 111 | 114 | 292 | 436 | 610 | 463 | 403 |
| 35,5 | --- | $Pt_{0.20}$ | 63 | 75 | 76 | 93 | 111 | 132 | 82 | 64 | * | * | * |
| | FAN | $P_{tF.20}$ | 41 | 46 | 51 | 59 | 78 | 88 | 105 | 144 | 204 | * | * |
| | CC | $P_{tC.20}$ | 85 | 89 | 91 | 97 | 103 | 108 | 279 | 410 | 588 | 454 | 391 |
| 40 | --- | $Pt_{0.20}$ | 60 | 74 | 74 | 84 | 106 | 136 | 92 | 87 | 50 | 76 | * |
| | FAN | $P_{tF.20}$ | 39 | 44 | 49 | 50 | 74 | 82 | 97 | 132 | 174 | 214 | * |
| | CC | $P_{tC.20}$ | 82 | 87 | 88 | 82 | 98 | 101 | 259 | 382 | 526 | 573 | 445 |
| 45 | --- | $Pt_{0.20}$ | 59 | 71 | 76 | 90 | 109 | 130 | 89 | 83 | 51 | 78 | * |
| | FAN | $P_{tF.20}$ | 37 | 42 | 49 | 53 | 71 | 78 | 92 | 124 | 167 | 207 | * |
| | CC | $P_{tC.20}$ | 78 | 82 | 87 | 88 | 94 | 96 | 248 | 361 | 505 | 556 | 429 |

*** Additional Cooling Necessary - Consult Factory**



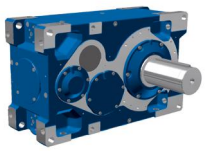
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 57 | 70 | 74 | 83 | 104 | 132 | 132 | 154 | 175 | 114 | 155 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 47 | 47 | 67 | 75 | 81 | 108 | 136 | 181 | 210 |
| | CC | $P_{tC.20}$ | 75 | 79 | 84 | 78 | 89 | 92 | 223 | 325 | 443 | 496 | 532 |
| 56 | --- | $Pt_{0.20}$ | 66 | 67 | 89 | 89 | 137 | 126 | 127 | 146 | 170 | 113 | 151 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 44 | 51 | 66 | 71 | 78 | 102 | 131 | 176 | 200 |
| | CC | $P_{tC.20}$ | 74 | 75 | 79 | 84 | 88 | 88 | 214 | 308 | 426 | 483 | 508 |
| 63 | --- | $Pt_{0.20}$ | 64 | 77 | 86 | 93 | 131 | 159 | 125 | 148 | 171 | 225 | 173 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 43 | 43 | 62 | 70 | 73 | 97 | 121 | 149 | 187 |
| | CC | $P_{tC.20}$ | 71 | 76 | 77 | 71 | 83 | 86 | 201 | 292 | 395 | 425 | 478 |
| 71 | --- | $Pt_{0.20}$ | 61 | 73 | 82 | 100 | 125 | 151 | 120 | 140 | 166 | 220 | 167 |
| | FAN | $P_{tF.20}$ | 32 | 36 | 40 | 46 | 59 | 66 | 70 | 92 | 116 | 145 | 178 |
| | CC | $P_{tC.20}$ | 68 | 71 | 72 | 77 | 78 | 82 | 193 | 277 | 381 | 414 | 457 |
| 80 | --- | $Pt_{0.20}$ | 59 | 71 | 80 | 86 | 119 | 145 | 128 | 160 | 198 | 215 | 265 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 39 | 39 | 56 | 62 | 62 | 81 | 101 | 132 | 148 |
| | CC | $P_{tC.20}$ | 65 | 69 | 70 | 65 | 74 | 77 | 172 | 249 | 337 | 379 | 388 |
| 90 | --- | $Pt_{0.20}$ | 56 | 67 | 79 | 92 | 117 | 138 | 124 | 152 | 191 | 210 | 255 |
| | FAN | $P_{tF.20}$ | 30 | 33 | 39 | 42 | 54 | 59 | 60 | 77 | 98 | 129 | 142 |
| | CC | $P_{tC.20}$ | 62 | 65 | 70 | 70 | 72 | 73 | 165 | 237 | 325 | 369 | 373 |
| 100 | --- | $Pt_{0.20}$ | 54 | 65 | 77 | 83 | 111 | 135 | 119 | 149 | 184 | 235 | 253 |
| | FAN | $P_{tF.20}$ | 28 | 32 | 37 | 38 | 51 | 57 | 56 | 74 | 92 | 112 | 136 |
| | CC | $P_{tC.20}$ | 60 | 63 | 67 | 62 | 68 | 70 | 156 | 226 | 305 | 324 | 357 |
| 112 | --- | $Pt_{0.20}$ | 54 | 62 | 73 | 89 | 113 | 128 | 114 | 141 | 178 | 230 | 243 |
| | FAN | $P_{tF.20}$ | 27 | 31 | 33 | 41 | 49 | 54 | 54 | 70 | 89 | 109 | 130 |
| | CC | $P_{tC.20}$ | 57 | 60 | 60 | 67 | 65 | 67 | 151 | 215 | 295 | 317 | 343 |
| 125 | --- | $Pt_{0.20}$ | 51 | 62 | 71 | 76 | 110 | 128 | --- | --- | --- | 218 | --- |
| | FAN | $P_{tF.20}$ | 26 | 29 | 32 | 33 | 47 | 52 | --- | --- | --- | 101 | --- |
| | CC | $P_{tC.20}$ | 54 | 58 | 58 | 54 | 63 | 64 | --- | --- | --- | 293 | --- |
| 140 | --- | $Pt_{0.20}$ | 50 | 59 | 71 | 82 | 105 | 125 | --- | --- | --- | 213 | --- |
| | FAN | $P_{tF.20}$ | 25 | 28 | 32 | 35 | 45 | 50 | --- | --- | --- | 99 | --- |
| | CC | $P_{tC.20}$ | 52 | 54 | 58 | 58 | 60 | 62 | --- | --- | --- | 287 | --- |
| 160 | --- | $Pt_{0.20}$ | 48 | 57 | 69 | 74 | 102 | 119 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 24 | 27 | 31 | 31 | 42 | 48 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 50 | 53 | 56 | 52 | 57 | 59 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 39 | 54 | 56 | 79 | 97 | 116 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 19 | 26 | 25 | 34 | 40 | 45 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 50 | 45 | 56 | 54 | 56 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 37 | 44 | 54 | 59 | 82 | 111 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 20 | 24 | 25 | 33 | 43 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 41 | 44 | 53 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 36 | 42 | 52 | 62 | 79 | 93 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 19 | 23 | 26 | 31 | 35 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 38 | 41 | 43 | 42 | 43 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 35 | 41 | 51 | 55 | 76 | 89 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 22 | 23 | 30 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 40 | 38 | 40 | 41 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 34 | 40 | 51 | 58 | 73 | 86 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 22 | 24 | 29 | 32 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 36 | 40 | 40 | 39 | 40 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 33 | 39 | 49 | 53 | 71 | 82 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 16 | 18 | 22 | 22 | 28 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 33 | 35 | 39 | 37 | 38 | 38 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 37 | --- | 56 | 69 | 81 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 17 | --- | 23 | 27 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 34 | --- | 39 | 36 | 37 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 78 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 36 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1500 rpm
# @ 40°C = 104°F



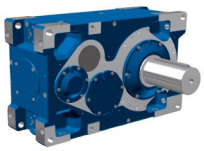
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | * | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 70 | --- | * | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 195 | --- | 134 | --- | * | --- | * | * | * | * | * |
| 8 | --- | $Pt_{0.40}$ | * | * | * | * | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 73 | 91 | * | 15 | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 189 | 213 | 143 | 140 | * | --- | * | * | * | * | * |
| 9 | --- | $Pt_{0.40}$ | 28 | * | * | * | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 82 | 93 | 90 | 30 | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 190 | 205 | 208 | 164 | 14 | --- | * | * | * | * | * |
| 10 | --- | $Pt_{0.40}$ | 31 | 46 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 77 | 88 | 95 | 111 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 178 | 193 | 207 | 205 | 38 | 53 | * | * | * | * | * |
| 11,2 | --- | $Pt_{0.40}$ | 59 | 48 | 40 | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 70 | 81 | 101 | 128 | 78 | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 167 | 178 | 202 | 231 | 167 | 77 | 260 | 250 | 1 | * | * |
| 12,5 | --- | $Pt_{0.40}$ | 58 | 76 | 45 | 62 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 66 | 76 | 96 | 92 | 85 | 128 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 157 | 171 | 192 | 173 | 167 | 200 | 262 | 260 | 68 | * | * |
| 14 | --- | $Pt_{0.40}$ | 71 | 73 | 81 | 72 | 23 | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 62 | 70 | 83 | 100 | 144 | 132 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 151 | 159 | 172 | 189 | 216 | 199 | 372 | 448 | 447 | * | * |
| 16 | --- | $Pt_{0.40}$ | 69 | 88 | 81 | 94 | 31 | 68 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 59 | 68 | 80 | 78 | 132 | 144 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 142 | 154 | 164 | 150 | 199 | 204 | 360 | 430 | 448 | 54 | * |
| 18 | --- | $Pt_{0.40}$ | 76 | 84 | 100 | 105 | 97 | 72 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 54 | 63 | 72 | 85 | 111 | 132 | 121 | 65 | * | * | * |
| | CC | $P_{tC.20}$ | 132 | 143 | 149 | 164 | 172 | 188 | 418 | 538 | 635 | 485 | 135 |
| 20 | --- | $Pt_{0.40}$ | 73 | 91 | 98 | 108 | 94 | 130 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 51 | 59 | 69 | 68 | 104 | 117 | 121 | 71 | * | * | * |
| | CC | $P_{tC.20}$ | 125 | 136 | 143 | 131 | 161 | 169 | 401 | 509 | 616 | 489 | 167 |
| 22,4 | --- | $Pt_{0.40}$ | 78 | 87 | 105 | 119 | 128 | 126 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 48 | 55 | 62 | 74 | 93 | 109 | * | * | * | 43 | * |
| | CC | $P_{tC.20}$ | 118 | 126 | 129 | 143 | 145 | 157 | 252 | 296 | 283 | 696 | * |
| 25 | --- | $Pt_{0.40}$ | 74 | 92 | 103 | 111 | 122 | 157 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 46 | 53 | 59 | 59 | 87 | 99 | 12 | * | * | 61 | * |
| | CC | $P_{tC.20}$ | 112 | 121 | 124 | 114 | 136 | 142 | 271 | 336 | 358 | 682 | * |
| 28 | --- | $Pt_{0.40}$ | 51 | 87 | 58 | 122 | 76 | 150 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 39 | 49 | 49 | 64 | 79 | 92 | 15 | * | * | * | * |
| | CC | $P_{tC.20}$ | 95 | 113 | 103 | 124 | 123 | 134 | 261 | 320 | 349 | 322 | * |
| 31,5 | --- | $Pt_{0.40}$ | 49 | 62 | 57 | 67 | 73 | 101 | 33 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 37 | 42 | 48 | 48 | 75 | 83 | 106 | 143 | 107 | * | * |
| | CC | $P_{tC.20}$ | 91 | 97 | 100 | 93 | 116 | 120 | 311 | 459 | 556 | 390 | 306 |
| 35,5 | --- | $Pt_{0.40}$ | 49 | 59 | 58 | 72 | 81 | 97 | 34 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 36 | 40 | 45 | 51 | 69 | 79 | 100 | 137 | 106 | * | * |
| | CC | $P_{tC.20}$ | 87 | 92 | 94 | 100 | 108 | 113 | 296 | 434 | 536 | 384 | 299 |
| 40 | --- | $Pt_{0.40}$ | 48 | 60 | 57 | 66 | 78 | 104 | 50 | 23 | * | * | * |
| | FAN | $P_{tF.40}$ | 34 | 39 | 43 | 43 | 66 | 73 | 90 | 130 | 138 | 182 | * |
| | CC | $P_{tC.20}$ | 84 | 89 | 91 | 84 | 102 | 105 | 272 | 408 | 529 | 588 | 361 |
| 45 | --- | $Pt_{0.40}$ | 47 | 57 | 59 | 71 | 82 | 99 | 49 | 24 | * | * | * |
| | FAN | $P_{tF.40}$ | 33 | 37 | 43 | 46 | 63 | 69 | 86 | 122 | 134 | 180 | * |
| | CC | $P_{tC.20}$ | 80 | 84 | 89 | 90 | 98 | 100 | 260 | 385 | 510 | 574 | 349 |

*** Additional Cooling Necessary - Consult Factory**



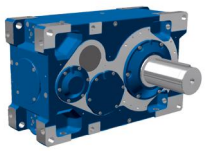
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 45 | 56 | 58 | 66 | 79 | 103 | 99 | 110 | 116 | 20 | 50 |
| | FAN | $P_{tF.40}$ | 31 | 35 | 41 | 41 | 60 | 66 | 73 | 97 | 124 | 182 | 204 |
| | CC | $P_{tC.20}$ | 76 | 81 | 86 | 80 | 93 | 96 | 231 | 337 | 459 | 537 | 569 |
| 56 | --- | $Pt_{0.40}$ | 55 | 54 | 73 | 71 | 113 | 98 | 95 | 104 | 113 | 22 | 51 |
| | FAN | $P_{tF.40}$ | 31 | 34 | 38 | 44 | 58 | 63 | 70 | 92 | 119 | 176 | 193 |
| | CC | $P_{tC.20}$ | 76 | 77 | 81 | 86 | 90 | 91 | 221 | 319 | 442 | 521 | 543 |
| 63 | --- | $Pt_{0.40}$ | 53 | 64 | 71 | 77 | 108 | 132 | 95 | 108 | 119 | 161 | 85 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 37 | 37 | 55 | 61 | 65 | 87 | 110 | 134 | 176 |
| | CC | $P_{tC.20}$ | 72 | 77 | 78 | 73 | 86 | 89 | 208 | 302 | 409 | 441 | 505 |
| 71 | --- | $Pt_{0.40}$ | 51 | 61 | 68 | 83 | 104 | 125 | 91 | 103 | 115 | 158 | 83 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 35 | 40 | 51 | 58 | 63 | 82 | 105 | 131 | 167 |
| | CC | $P_{tC.20}$ | 69 | 73 | 74 | 78 | 80 | 84 | 199 | 287 | 394 | 430 | 482 |
| 80 | --- | $Pt_{0.40}$ | 49 | 59 | 66 | 72 | 99 | 121 | 104 | 127 | 155 | 158 | 200 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 34 | 34 | 49 | 55 | 55 | 72 | 90 | 119 | 132 |
| | CC | $P_{tC.20}$ | 66 | 71 | 72 | 67 | 76 | 79 | 177 | 256 | 346 | 393 | 401 |
| 90 | --- | $Pt_{0.40}$ | 47 | 56 | 66 | 77 | 97 | 115 | 100 | 121 | 150 | 155 | 193 |
| | FAN | $P_{tF.40}$ | 26 | 29 | 34 | 37 | 47 | 52 | 53 | 69 | 87 | 116 | 127 |
| | CC | $P_{tC.20}$ | 64 | 67 | 71 | 72 | 74 | 75 | 170 | 244 | 335 | 383 | 385 |
| 100 | --- | $Pt_{0.40}$ | 45 | 55 | 64 | 69 | 93 | 113 | 96 | 119 | 145 | 188 | 194 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 32 | 33 | 45 | 50 | 50 | 66 | 82 | 99 | 121 |
| | CC | $P_{tC.20}$ | 61 | 65 | 69 | 64 | 70 | 73 | 161 | 232 | 314 | 334 | 368 |
| 112 | --- | $Pt_{0.40}$ | 45 | 52 | 62 | 75 | 95 | 107 | 93 | 113 | 141 | 184 | 187 |
| | FAN | $P_{tF.40}$ | 23 | 27 | 29 | 35 | 42 | 48 | 48 | 62 | 79 | 97 | 116 |
| | CC | $P_{tC.20}$ | 58 | 61 | 61 | 69 | 67 | 69 | 155 | 222 | 303 | 326 | 354 |
| 125 | --- | $Pt_{0.40}$ | 43 | 52 | 60 | 65 | 93 | 109 | --- | --- | --- | 175 | --- |
| | FAN | $P_{tF.40}$ | 22 | 25 | 28 | 28 | 41 | 45 | --- | --- | --- | 90 | --- |
| | CC | $P_{tC.20}$ | 55 | 59 | 59 | 55 | 64 | 66 | --- | --- | --- | 302 | --- |
| 140 | --- | $Pt_{0.40}$ | 42 | 50 | 60 | 69 | 88 | 106 | --- | --- | --- | 171 | --- |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 30 | 39 | 44 | --- | --- | --- | 88 | --- |
| | CC | $P_{tC.20}$ | 53 | 56 | 59 | 59 | 61 | 64 | --- | --- | --- | 295 | --- |
| 160 | --- | $Pt_{0.40}$ | 40 | 48 | 58 | 62 | 87 | 101 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 21 | 23 | 27 | 27 | 37 | 42 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 51 | 54 | 57 | 53 | 58 | 61 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 33 | 46 | 47 | 67 | 83 | 99 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 22 | 21 | 29 | 35 | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 51 | 45 | 57 | 55 | 57 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 32 | 37 | 46 | 50 | 70 | 94 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 18 | 21 | 21 | 29 | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 41 | 44 | 42 | 45 | 55 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 31 | 36 | 44 | 53 | 67 | 79 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 20 | 22 | 27 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 44 | 43 | 44 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 30 | 35 | 43 | 46 | 65 | 76 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 16 | 19 | 20 | 26 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 39 | 41 | 43 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 29 | 34 | 43 | 49 | 62 | 73 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 19 | 21 | 25 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 41 | 41 | 40 | 41 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 28 | 33 | 42 | 45 | 61 | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 15 | 19 | 19 | 25 | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 34 | 36 | 40 | 37 | 39 | 39 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 32 | --- | 48 | 59 | 69 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 15 | --- | 20 | 24 | 26 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 34 | --- | 40 | 37 | 38 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 66 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 25 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 37 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1800 rpm
# @ 20°C = 68°F



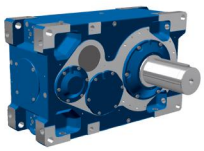
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.20}$ | * | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 33 | --- | * | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 160 | --- | 1 | --- | * | --- | * | * | * | * | * |
| 8 | --- | $Pt_{0.20}$ | * | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 42 | 56 | * | * | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 159 | 176 | 29 | 32 | * | * | * | * | * | * | * |
| 9 | --- | $Pt_{0.20}$ | * | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 106 | 67 | 38 | * | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 208 | 175 | 157 | 55 | * | * | * | * | * | * | * |
| 10 | --- | $Pt_{0.20}$ | 2 | 15 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 103 | 117 | 53 | 78 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 198 | 215 | 163 | 165 | * | * | * | * | * | * | * |
| 11,2 | --- | $Pt_{0.20}$ | 48 | 22 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 89 | 107 | 133 | 95 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 180 | 197 | 225 | 189 | 52 | * | * | * | * | * | * |
| 12,5 | --- | $Pt_{0.20}$ | 49 | 69 | 2 | 29 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 83 | 96 | 133 | 124 | * | 38 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 169 | 183 | 220 | 195 | 69 | 98 | 19 | * | * | * | * |
| 14 | --- | $Pt_{0.20}$ | 71 | 69 | 70 | 40 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 78 | 88 | 106 | 133 | 141 | 61 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 159 | 169 | 185 | 211 | 196 | 113 | 253 | 234 | * | * | * |
| 16 | --- | $Pt_{0.20}$ | 70 | 91 | 72 | 89 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 73 | 84 | 101 | 98 | 142 | 196 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 150 | 163 | 177 | 160 | 193 | 236 | 254 | 241 | 57 | * | * |
| 18 | --- | $Pt_{0.20}$ | 83 | 88 | 104 | 101 | 73 | 8 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 67 | 78 | 89 | 108 | 144 | 186 | 54 | * | * | * | * |
| | CC | $P_{tC.20}$ | 139 | 151 | 157 | 175 | 188 | 223 | 372 | 448 | 471 | 32 | * |
| 20 | --- | $Pt_{0.20}$ | 80 | 101 | 103 | 116 | 74 | 116 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 63 | 73 | 86 | 84 | 134 | 149 | 63 | * | * | * | * |
| | CC | $P_{tC.20}$ | 131 | 142 | 151 | 138 | 176 | 182 | 360 | 429 | 466 | 84 | * |
| 22,4 | --- | $Pt_{0.20}$ | 88 | 96 | 118 | 129 | 131 | 115 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 59 | 68 | 76 | 92 | 116 | 139 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 123 | 132 | 135 | 151 | 154 | 169 | 155 | 123 | * | 534 | * |
| 25 | --- | $Pt_{0.20}$ | 85 | 106 | 115 | 126 | 126 | 167 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 56 | 65 | 73 | 73 | 109 | 122 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 117 | 126 | 130 | 119 | 144 | 150 | 203 | 213 | 127 | 532 | * |
| 28 | --- | $Pt_{0.20}$ | 54 | 100 | 56 | 139 | 62 | 160 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 49 | 61 | 62 | 79 | 101 | 115 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 100 | 118 | 109 | 130 | 133 | 141 | 197 | 206 | 131 | * | * |
| 31,5 | --- | $Pt_{0.20}$ | 52 | 68 | 56 | 69 | 60 | 94 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 46 | 52 | 60 | 60 | 96 | 105 | 124 | 100 | * | * | * |
| | CC | $P_{tC.20}$ | 96 | 102 | 106 | 98 | 126 | 129 | 331 | 429 | 492 | 173 | * |
| 35,5 | --- | $Pt_{0.20}$ | 54 | 65 | 60 | 74 | 77 | 91 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 44 | 50 | 56 | 64 | 87 | 99 | 121 | 98 | * | * | * |
| | CC | $P_{tC.20}$ | 92 | 96 | 99 | 105 | 115 | 122 | 319 | 407 | 477 | 176 | * |
| 40 | --- | $Pt_{0.20}$ | 52 | 66 | 59 | 70 | 74 | 105 | 10 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 42 | 48 | 54 | 54 | 83 | 91 | 126 | 129 | 71 | 105 | * |
| | CC | $P_{tC.20}$ | 88 | 93 | 96 | 89 | 110 | 112 | 308 | 415 | 488 | 534 | 102 |
| 45 | --- | $Pt_{0.20}$ | 52 | 63 | 62 | 75 | 82 | 101 | 11 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 40 | 45 | 53 | 58 | 79 | 87 | 119 | 124 | 72 | 108 | * |
| | CC | $P_{tC.20}$ | 84 | 88 | 94 | 95 | 104 | 106 | 294 | 394 | 472 | 523 | 106 |

*** Additional Cooling Necessary - Consult Factory**



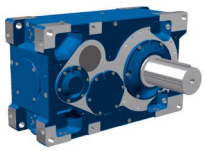
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.20}$ | 50 | 63 | 61 | 72 | 78 | 107 | 99 | 99 | 88 | * | * |
| | FAN | $P_{tF.20}$ | 39 | 44 | 51 | 51 | 75 | 83 | 91 | 123 | 160 | 159 | 208 |
| | CC | $P_{tC.20}$ | 80 | 85 | 91 | 84 | 99 | 101 | 246 | 361 | 498 | 525 | 578 |
| 56 | --- | $Pt_{0.20}$ | 64 | 60 | 85 | 77 | 130 | 103 | 96 | 95 | 87 | * | * |
| | FAN | $P_{tF.20}$ | 38 | 41 | 47 | 55 | 71 | 79 | 87 | 117 | 153 | 157 | 203 |
| | CC | $P_{tC.20}$ | 79 | 80 | 85 | 90 | 94 | 96 | 236 | 342 | 479 | 513 | 556 |
| 63 | --- | $Pt_{0.20}$ | 62 | 75 | 82 | 91 | 123 | 153 | 98 | 104 | 102 | 146 | * |
| | FAN | $P_{tF.20}$ | 36 | 41 | 46 | 46 | 67 | 75 | 82 | 110 | 140 | 170 | 235 |
| | CC | $P_{tC.20}$ | 75 | 80 | 82 | 76 | 90 | 93 | 220 | 323 | 441 | 475 | 565 |
| 71 | --- | $Pt_{0.20}$ | 59 | 72 | 79 | 97 | 120 | 145 | 94 | 99 | 99 | 144 | * |
| | FAN | $P_{tF.20}$ | 34 | 39 | 43 | 49 | 63 | 72 | 78 | 104 | 135 | 166 | 227 |
| | CC | $P_{tC.20}$ | 72 | 76 | 77 | 82 | 84 | 88 | 212 | 307 | 425 | 462 | 542 |
| 80 | --- | $Pt_{0.20}$ | 57 | 70 | 77 | 84 | 114 | 141 | 117 | 141 | 168 | 153 | 203 |
| | FAN | $P_{tF.20}$ | 33 | 38 | 42 | 42 | 60 | 67 | 68 | 89 | 112 | 150 | 165 |
| | CC | $P_{tC.20}$ | 69 | 73 | 74 | 69 | 80 | 83 | 186 | 269 | 366 | 421 | 426 |
| 90 | --- | $Pt_{0.20}$ | 55 | 66 | 77 | 90 | 113 | 134 | 113 | 134 | 162 | 150 | 196 |
| | FAN | $P_{tF.20}$ | 32 | 35 | 41 | 45 | 58 | 64 | 65 | 85 | 108 | 146 | 158 |
| | CC | $P_{tC.20}$ | 66 | 69 | 74 | 74 | 77 | 78 | 179 | 257 | 353 | 410 | 409 |
| 100 | --- | $Pt_{0.20}$ | 53 | 65 | 75 | 82 | 107 | 132 | 109 | 132 | 159 | 209 | 201 |
| | FAN | $P_{tF.20}$ | 30 | 34 | 40 | 40 | 55 | 61 | 61 | 81 | 101 | 122 | 150 |
| | CC | $P_{tC.20}$ | 63 | 67 | 71 | 66 | 73 | 76 | 169 | 245 | 331 | 352 | 390 |
| 112 | --- | $Pt_{0.20}$ | 54 | 61 | 74 | 88 | 112 | 125 | 105 | 126 | 154 | 205 | 194 |
| | FAN | $P_{tF.20}$ | 29 | 33 | 35 | 43 | 52 | 58 | 59 | 77 | 97 | 119 | 144 |
| | CC | $P_{tC.20}$ | 60 | 64 | 64 | 71 | 69 | 72 | 163 | 233 | 320 | 344 | 375 |
| 125 | --- | $Pt_{0.20}$ | 52 | 62 | 71 | 77 | 109 | 129 | --- | --- | --- | 196 | --- |
| | FAN | $P_{tF.20}$ | 27 | 31 | 34 | 35 | 50 | 55 | --- | --- | --- | 111 | --- |
| | CC | $P_{tC.20}$ | 57 | 61 | 62 | 58 | 67 | 68 | --- | --- | --- | 318 | --- |
| 140 | --- | $Pt_{0.20}$ | 50 | 59 | 71 | 83 | 104 | 126 | --- | --- | --- | 192 | --- |
| | FAN | $P_{tF.20}$ | 26 | 29 | 34 | 37 | 48 | 53 | --- | --- | --- | 108 | --- |
| | CC | $P_{tC.20}$ | 55 | 58 | 61 | 62 | 64 | 66 | --- | --- | --- | 311 | --- |
| 160 | --- | $Pt_{0.20}$ | 48 | 57 | 69 | 74 | 103 | 120 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 25 | 29 | 33 | 33 | 45 | 51 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 53 | 56 | 59 | 55 | 60 | 63 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.20}$ | 39 | 55 | 57 | 80 | 98 | 118 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 20 | 27 | 26 | 36 | 43 | 48 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 41 | 53 | 47 | 59 | 58 | 59 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.20}$ | 38 | 45 | 55 | 60 | 84 | 112 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 19 | 21 | 25 | 26 | 35 | 46 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 42 | 46 | 43 | 46 | 57 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.20}$ | 37 | 43 | 53 | 64 | 81 | 95 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 20 | 24 | 27 | 33 | 37 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 39 | 40 | 44 | 46 | 45 | 46 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.20}$ | 36 | 42 | 52 | 56 | 78 | 92 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 18 | 20 | 24 | 24 | 32 | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 40 | 43 | 44 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.20}$ | 35 | 41 | 51 | 59 | 75 | 88 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 24 | 26 | 31 | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 42 | 42 | 41 | 42 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.20}$ | 34 | 40 | 50 | 54 | 73 | 85 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | 17 | 19 | 23 | 23 | 30 | 33 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 35 | 37 | 41 | 39 | 40 | 40 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.20}$ | --- | 38 | --- | 57 | 71 | 83 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 18 | --- | 25 | 29 | 32 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 35 | --- | 41 | 39 | 40 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | 80 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 38 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Thermal Ratings
# M5 Mounting - 1800 rpm
# @ 40ºC = 104ºF



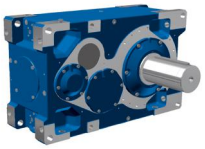
| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 5,6 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 6,3 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 7,1 | --- | $Pt_{0.40}$ | * | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | * | --- | * | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 130 | --- | * | --- | * | --- | * | * | * | * | * |
| 8 | --- | $Pt_{0.40}$ | * | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | * | * | * | * | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 132 | 142 | * | * | * | * | * | * | * | * | * |
| 9 | --- | $Pt_{0.40}$ | * | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 60 | 3 | * | * | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 183 | 144 | 114 | * | * | * | * | * | * | * | * |
| 10 | --- | $Pt_{0.40}$ | * | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 62 | 82 | * | * | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 177 | 200 | 123 | 124 | * | * | * | * | * | * | * |
| 11,2 | --- | $Pt_{0.40}$ | 15 | * | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 84 | 84 | 73 | 6 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 190 | 193 | 190 | 144 | * | * | * | * | * | * | * |
| 12,5 | --- | $Pt_{0.40}$ | 18 | 33 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 78 | 89 | 78 | 97 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 178 | 193 | 189 | 190 | * | 5 | * | * | * | * | * |
| 14 | --- | $Pt_{0.40}$ | 45 | 36 | 25 | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 70 | 81 | 102 | 111 | 50 | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 165 | 178 | 200 | 213 | 142 | 32 | 186 | 136 | * | * | * |
| 16 | --- | $Pt_{0.40}$ | 45 | 62 | 30 | 49 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 66 | 75 | 96 | 91 | 59 | 103 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 156 | 168 | 190 | 170 | 143 | 176 | 192 | 153 | * | * | * |
| 18 | --- | $Pt_{0.40}$ | 61 | 61 | 71 | 58 | 5 | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 59 | 69 | 80 | 99 | 143 | 108 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 143 | 156 | 164 | 185 | 212 | 175 | 321 | 379 | 378 | * | * |
| 20 | --- | $Pt_{0.40}$ | 59 | 77 | 71 | 84 | 13 | 51 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 56 | 64 | 77 | 75 | 131 | 140 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 135 | 146 | 158 | 144 | 196 | 198 | 312 | 365 | 379 | * | * |
| 22,4 | --- | $Pt_{0.40}$ | 69 | 73 | 90 | 94 | 86 | 55 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 52 | 60 | 67 | 82 | 105 | 129 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 126 | 136 | 140 | 157 | 162 | 183 | 104 | 43 | * | 425 | * |
| 25 | --- | $Pt_{0.40}$ | 67 | 84 | 89 | 99 | 84 | 118 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 49 | 57 | 65 | 64 | 98 | 110 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 120 | 129 | 135 | 123 | 152 | 158 | 159 | 153 | 22 | 429 | * |
| 28 | --- | $Pt_{0.40}$ | 38 | 80 | 33 | 109 | 16 | 114 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 43 | 53 | 56 | 70 | 99 | 103 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 103 | 121 | 115 | 134 | 148 | 148 | 155 | 149 | 33 | *0 | * |
| 31.5 | --- | $Pt_{0.40}$ | 37 | 50 | 33 | 46 | 18 | 49 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 41 | 46 | 54 | 53 | 93 | 97 | 55 | * | * | * | * |
| | CC | $P_{tC.20}$ | 99 | 105 | 111 | 102 | 139 | 138 | 296 | 382 | 431 | 64 | * |
| 35.5 | --- | $Pt_{0.40}$ | 39 | 48 | 40 | 50 | 41 | 49 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 39 | 44 | 49 | 57 | 81 | 92 | 55 | * | * | * | * |
| | CC | $P_{tC.20}$ | 94 | 99 | 102 | 109 | 123 | 130 | 285 | 363 | 418 | 73 | * |
| 40 | --- | $Pt_{0.40}$ | 38 | 50 | 39 | 50 | 40 | 68 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 37 | 42 | 48 | 48 | 77 | 83 | 77 | 43 | * | * | * |
| | CC | $P_{tC.20}$ | 90 | 95 | 99 | 92 | 117 | 118 | 286 | 374 | 435 | 465 | * |
| 45 | --- | $Pt_{0.40}$ | 39 | 48 | 43 | 54 | 50 | 65 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 35 | 40 | 47 | 51 | 72 | 78 | 75 | 43 | * | * | * |
| | CC | $P_{tC.20}$ | 86 | 90 | 97 | 98 | 111 | 112 | 275 | 355 | 420 | 456 | * |

*** Additional Cooling Necessary - Consult Factory**



| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 50 | --- | $Pt_{0.40}$ | 37 | 49 | 42 | 52 | 48 | 74 | 60 | 44 | 1 | * | * |
| | FAN | $P_{tF.40}$ | 34 | 38 | 45 | 45 | 68 | 74 | 84 | 117 | 164 | 29 | 61 |
| | CC | $P_{tC.20}$ | 82 | 87 | 94 | 87 | 105 | 107 | 257 | 382 | 539 | 465 | 502 |
| 56 | --- | $Pt_{0.40}$ | 52 | 46 | 68 | 56 | 103 | 71 | 59 | 43 | 5 | * | * |
| | FAN | $P_{tF.40}$ | 33 | 36 | 41 | 48 | 63 | 71 | 80 | 110 | 157 | 32 | 64 |
| | CC | $P_{tC.20}$ | 80 | 82 | 87 | 93 | 98 | 101 | 246 | 361 | 516 | 454 | 483 |
| 63 | --- | $Pt_{0.40}$ | 50 | 62 | 66 | 74 | 98 | 124 | 64 | 55 | 33 | 67 | * |
| | FAN | $P_{tF.40}$ | 31 | 36 | 40 | 40 | 59 | 66 | 74 | 102 | 136 | 162 | 113 |
| | CC | $P_{tC.20}$ | 77 | 82 | 84 | 78 | 93 | 96 | 230 | 339 | 469 | 503 | 497 |
| 71 | --- | $Pt_{0.40}$ | 48 | 59 | 64 | 79 | 96 | 118 | 62 | 53 | 34 | 67 | * |
| | FAN | $P_{tF.40}$ | 30 | 34 | 37 | 43 | 55 | 63 | 71 | 97 | 131 | 157 | 110 |
| | CC | $P_{tC.20}$ | 74 | 77 | 79 | 84 | 87 | 91 | 221 | 322 | 451 | 489 | 477 |
| 80 | --- | $Pt_{0.40}$ | 47 | 57 | 62 | 69 | 92 | 115 | 90 | 104 | 120 | 84 | 129 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 36 | 36 | 53 | 59 | 60 | 80 | 101 | 140 | 151 |
| | CC | $P_{tC.20}$ | 70 | 75 | 76 | 71 | 83 | 85 | 192 | 278 | 379 | 443 | 445 |
| 90 | --- | $Pt_{0.40}$ | 45 | 54 | 63 | 74 | 91 | 109 | 86 | 99 | 116 | 83 | 125 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 36 | 39 | 51 | 56 | 58 | 76 | 97 | 136 | 144 |
| | CC | $P_{tC.20}$ | 67 | 71 | 76 | 76 | 79 | 81 | 185 | 265 | 365 | 431 | 427 |
| 100 | --- | $Pt_{0.40}$ | 43 | 53 | 61 | 67 | 87 | 108 | 85 | 99 | 116 | 157 | 134 |
| | FAN | $P_{tF.40}$ | 26 | 30 | 35 | 35 | 48 | 54 | 55 | 72 | 91 | 110 | 137 |
| | CC | $P_{tC.20}$ | 65 | 69 | 73 | 68 | 76 | 78 | 174 | 253 | 342 | 364 | 407 |
| 112 | --- | $Pt_{0.40}$ | 45 | 50 | 61 | 72 | 93 | 103 | 81 | 95 | 112 | 154 | 130 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 31 | 37 | 46 | 51 | 53 | 69 | 88 | 107 | 131 |
| | CC | $P_{tC.20}$ | 61 | 65 | 65 | 73 | 71 | 74 | 168 | 241 | 331 | 356 | 390 |
| 125 | --- | $Pt_{0.40}$ | 43 | 52 | 59 | 65 | 91 | 107 | --- | --- | --- | 149 | --- |
| | FAN | $P_{tF.40}$ | 24 | 27 | 30 | 30 | 44 | 48 | --- | --- | --- | 99 | --- |
| | CC | $P_{tC.20}$ | 58 | 62 | 63 | 59 | 69 | 70 | --- | --- | --- | 329 | --- |
| 140 | --- | $Pt_{0.40}$ | 41 | 49 | 59 | 69 | 87 | 105 | --- | --- | --- | 146 | --- |
| | FAN | $P_{tF.40}$ | 23 | 25 | 30 | 32 | 42 | 47 | --- | --- | --- | 97 | --- |
| | CC | $P_{tC.20}$ | 56 | 59 | 63 | 63 | 66 | 68 | --- | --- | --- | 321 | --- |
| 160 | --- | $Pt_{0.40}$ | 40 | 48 | 57 | 62 | 86 | 100 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 22 | 25 | 29 | 29 | 40 | 45 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 54 | 57 | 61 | 56 | 62 | 65 | --- | --- | --- | --- | --- |
| 180 | --- | $Pt_{0.40}$ | 33 | 46 | 48 | 67 | 82 | 99 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 17 | 23 | 23 | 31 | 38 | 42 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 42 | 54 | 48 | 61 | 59 | 61 | --- | --- | --- | --- | --- |
| 200 | --- | $Pt_{0.40}$ | 32 | 38 | 47 | 51 | 71 | 95 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 18 | 22 | 22 | 30 | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 41 | 43 | 47 | 44 | 48 | 58 | --- | --- | --- | --- | --- |
| 224 | --- | $Pt_{0.40}$ | 31 | 37 | 45 | 54 | 69 | 81 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 16 | 18 | 21 | 24 | 29 | 32 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 40 | 41 | 44 | 47 | 46 | 47 | --- | --- | --- | --- | --- |
| 250 | --- | $Pt_{0.40}$ | 30 | 36 | 44 | 47 | 66 | 78 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 20 | 21 | 28 | 31 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 41 | 44 | 45 | --- | --- | --- | --- | --- |
| 280 | --- | $Pt_{0.40}$ | 29 | 34 | 43 | 50 | 63 | 75 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 15 | 17 | 20 | 22 | 27 | 30 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 37 | 38 | 43 | 43 | 42 | 43 | --- | --- | --- | --- | --- |
| 315 | --- | $Pt_{0.40}$ | 29 | 34 | 42 | 46 | 62 | 72 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | 14 | 16 | 20 | 20 | 26 | 29 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | 36 | 38 | 42 | 39 | 41 | 42 | --- | --- | --- | --- | --- |
| 355 | --- | $Pt_{0.40}$ | --- | 32 | --- | 49 | 60 | 71 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 15 | --- | 21 | 25 | 28 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 36 | --- | 42 | 40 | 41 | --- | --- | --- | --- | --- |
| 400 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | 68 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | 27 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | 39 | --- | --- | --- | --- | --- |
| 450 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

# Notes



DRIVESYSTEMS

# Parallel Dimensions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SK 13207 / 13307 ..... 150
SK 14207 / 14307 ..... 152
SK 15207 / 15307 ..... 154
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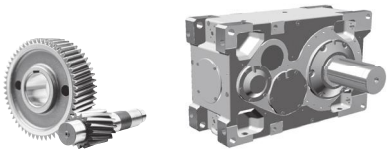
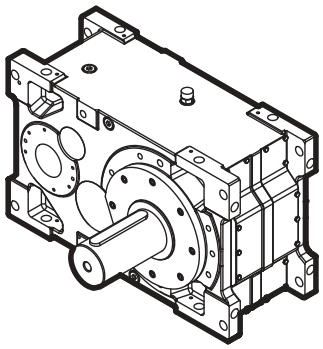
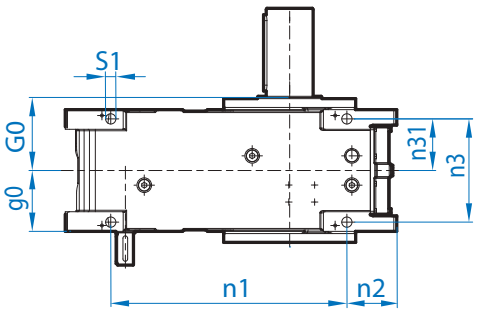
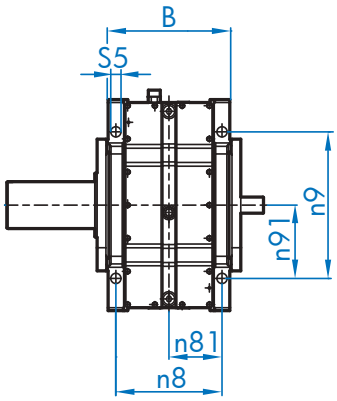
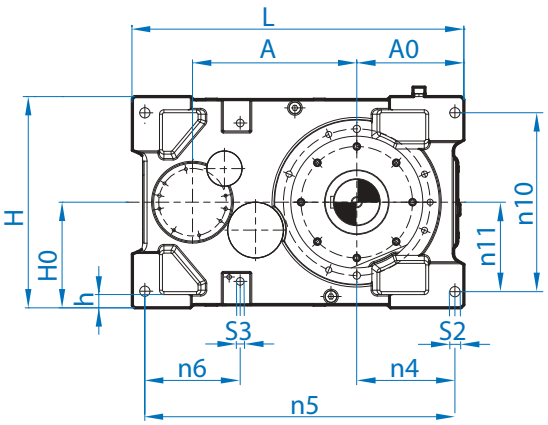
Accessory Option ..... 159

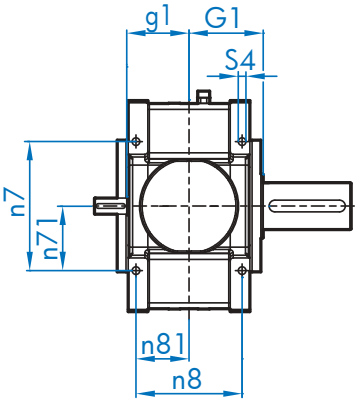






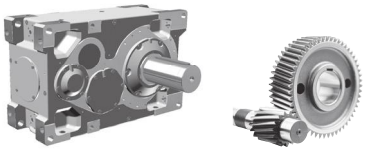



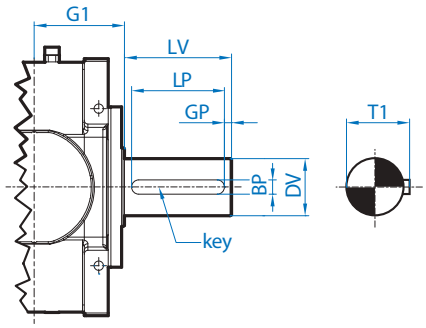

| | OVERALL DIMENSIONS | | | | | | | | | | | MOUNTING HOLE DIM. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | A0 | B | g0 | G0 | g1 | G1 | h | H | H0 | L | ø S1/S2 | S4/S5 | S3 | ⇨🕮 |
| **SK 5.07** | 377 | 230 | 345 | 172,5 | 172,5 | 192,5 | 192,5 | 30 | 455 | 227,5 | 730 | 28 | M24 x 40 | M24 x 36 | 134 |
| **SK 6.07** | 402 | 255 | 345 | 172,5 | 172,5 | 192,5 | 192,5 | 30 | 495 | 247,5 | 780 | 28 | M24 x 40 | M24 x 36 | 136 |
| **SK 7.07** | 440 | 295 | 350 | 175 | 189 | 194 | 197 (215)* | 35 | 530 | 265 | 870 | 28 | M24 x 30 | M24 | 138 |
| **SK 8.07** | 465 | 325 | 350 | 175 | 189 | 194 | 197 (215)* | 35 | 590 | 295 | 925 | 28 | M24 x 30 | M24 | 140 |
| **SK 9.07** | 530 | 330 | 415 | 207,5 | 248 | 227,5 | 253 | 45 | 650 | 325 | 1055 | 35 | M30 x 45 | M30 | 142 |
| **SK 10.07** | 560 | 365 | 415 | 207,5 | 248 | 227,5 | 253 | 45 | 720 | 360 | 1130 | 35 | M30 x 45 | M30 | 144 |
| **SK 11.07** | 630 | 370 | 440 | 254 | 270 | 260 | 280 | 52 | 750 | 375 | 1210 | 42 | M36 x 58 | M36 | 146 |
| **SK 12.07** | 695 | 405 | 510 | 288,5 | 305 | 294 | 315 | 57 | 850 | 425 | 1345 | 48 | M42 x 65 | M42 | 148 |
| **SK 13.07** | 780 | 475 | 550 | 323 | 343 | 328 | 353 | 60 | 950 | 475 | 1530 | 55 | M48 x 75 | M48 | 150 |
| **SK 14.07** | 835 | 505 | 610 | 325 | 373 | 355 | 383 | 55 | 1050 | 525 | 1615 | 55 | M48 x 75 | M48 | 152 |
| **SK 15.07** | 935 | 545 | 650 | 361 | 385 | 371 | 395 | 70 | 1100 | 550 | 1800 | 65 | M56 x 90 | M56 | 154 |

| | CENTER DISTANCE DIMENSIONS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n1 | n2 | n3 | n31 | n4 | n5 | n6 | n7 | n71 | n8 | n81 | n9 | n91 | n10 | n11 | ⇨🕮 |
| **SK 5.07** | 490 | 125 | 295 | 147,5 | 205 | 680 | 196 | 320 | 160 | 295 | 147,5 | 320 | 160 | 400 | 200 | 134 |
| **SK 6.07** | 530 | 130 | 295 | 147,5 | 230 | 730 | 196 | 320 | 160 | 295 | 147,5 | 320 | 160 | 400 | 200 | 136 |
| **SK 7.07** | 590 | 160 | 305 | 152,5 | 270 | 820 | 220 | 380 | 190 | 300 | 150 | 380 | 190 | 460 | 230 | 138 |
| **SK 8.07** | 645 | 160 | 305 | 152,5 | 300 | 875 | 220 | 440 | 220 | 300 | 150 | 380 | 190 | 540 | 270 | 140 |
| **SK 9.07** | 730 | 175 | 352 | 176 | 302,5 | 995 | 325 | 440 | 220 | 362 | 181 | 440 | 220 | 540 | 270 | 142 |
| **SK 10.07** | 805 | 170 | 352 | 176 | 335 | 1057 | 325 | 500 | 250 | 362 | 181 | 440 | 220 | 640 | 320 | 144 |
| **SK 11.07** | 850 | 217,5 | 370 | 185 | 330 | 1130 | 340 | 520 | 260 | 385 | 192,5 | 520 | 260 | 670 | 335 | 146 |
| **SK 12.07** | 930 | 257,5 | 430 | 215 | 365 | 1265 | 410 | 600 | 300 | 440 | 220 | 600 | 300 | 770 | 385 | 148 |
| **SK 13.07** | 1050 | 290 | 465 | 232,5 | 425 | 1430 | 450 | 700 | 350 | 475 | 237,5 | 700 | 350 | 850 | 425 | 150 |
| **SK 14.07** | 1100 | 295 | 525 | 262,5 | 455 | 1515 | 150 | 780 | 390 | 535 | 267,5 | 700 | 350 | 950 | 475 | 152 |
| **SK 15.07** | 1230 | 345 | 550 | 275 | 490 | 1690 | 530 | 800 | 400 | 560 | 280 | 800 | 400 | 990 | 495 | 154 |

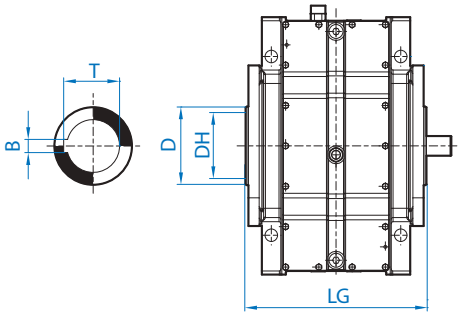
* values in brakets at option "DRY"



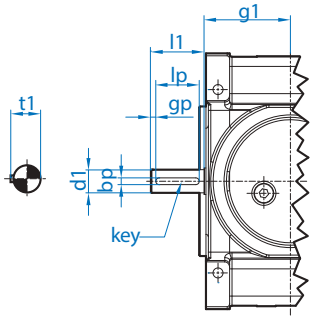
# Overview Dimensions




Solid Output Shaft




Hollow Shaft

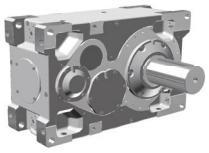



Solid Input Shaft

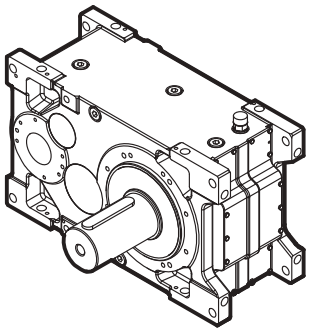
| | SOLID OUTPUT SHAFT | | | | | | | HOLLOW SHAFT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ø DV | LV | LP | BP | GP | T1 | Key | ø D | ø DH H7 | LG | B | T | ⇨🕮 |
| **SK 5.07** | 120 | 210 | 180 | 32 | 15 | 127 | 32 x 18 x180 | 140 | 105 | 385 | 28 | 111,4 | 134 |
| **SK 6.07** | 120 | 210 | 180 | 32 | 15 | 127 | 32 x 18 x 180 | 140 | 105 | 385 | 28 | 111,4 | 136 |
| **SK 7.07** | 140 | 250 | 200 | 36 | 25 | 148 | 36 x 20 x 200 | 160 | 125 | 394 | 32 | 132,4 | 138 |
| **SK 8.07** | 140 | 250 | 200 | 36 | 25 | 148 | 36 x 20 x 200 | 160 | 125 | 394 | 32 | 132,4 | 140 |
| **SK 9.07** | 160 | 300 | 260 | 40 | 20 | 169 | 40 x 22 x 260 | 220 | 160 (145)* | 506 | 40 | 169,4 | 142 |
| **SK 10.07** | 160 | 300 | 260 | 40 | 20 | 169 | 40 x 22 x 260 | 220 | 160 (145)* | 506 | 40 | 169,4 | 144 |
| **SK 11.07** | 170 | 300 | 260 | 40 | 20 | 179 | 40 x 22 x 260 | 240 | 170 | 560 | 40 | 179,4 | 146 |
| **SK 12.07** | 200 | 350 | 300 | 45 | 25 | 210 | 45 x 25 x 300 | 250 | 190 | 630 | 45 | 200,4 | 148 |
| **SK 13.07** | 230 | 410 | 350 | 50 | 31 | 241 | 50 x 28 x 350 | 285 | 230 | 706 | 50 | 241,4 | 150 |
| **SK 14.07** | 250 | 410 | 360 | 56 | 25 | 262 | 56 x 32 x 360 | 285 | 230 | 766 | 50 | 241,4 | 152 |
| **SK 15.07** | 250 | 410 | 360 | 56 | 25 | 262 | 56 x 32 x 360 | 320 | 250 | 790 | 56 | 262,4 | 154 |

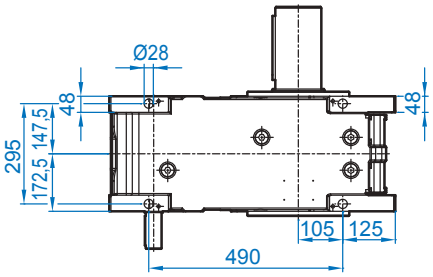
| | SK..207 SOLID INPUT SHAFT | | | | | | | | SK..307 SOLID INPUT SHAFT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $i_N$ | ø d1 | l1 | lp | bp | gp | t1 | Key | $i_N$ | ø d1 | l1 | lp | bp | gp | t1 | key | ⇨🕮 |
| **SK 5.07** | **7,1-25** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | **28,0-315** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | 134 |
| **SK 6.07** | **8,0-28** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | **31,5-355** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | 136 |
| **SK 7.07** | **7,1-25** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | **28,0-315** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | 138 |
| **SK 8.07** | **8,0-28** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | **31,5-355** | 48 | 110 | 100 | 14 | 5 | 51,5 | 14 x 9 x 100 | 140 |
| **SK 9.07** | **7,1-25** | 55 | 110 | 90 | 16 | 10 | 59,0 | 16 x 10 x 90 | **28,0-355** | 55 | 110 | 90 | 16 | 10 | 59,0 | 16 x 10 x 90 | 142 |
| **SK 10.07** | **8,0-28** | 55 | 110 | 90 | 16 | 10 | 59,0 | 16 x 10 x 90 | **28,0-400** | 55 | 110 | 90 | 16 | 10 | 59,0 | 16 x 10 x 90 | 144 |
| **SK 11.07** | **5,6-20** | 80 | 170 | 140 | 22 | 15 | 85,0 | 22 x 14 x 140 | **22,4-112** | 70 | 140 | 125 | 20 | 7,5 | 74,5 | 20 x 12 x 125 | 146 |
| **SK 12.07** | **5,6-20** | 100 | 210 | 180 | 28 | 15 | 106,0 | 28 x 16 x 180 | **22,4-112** | 80 | 170 | 140 | 22 | 15 | 85,0 | 22 x 14 x 140 | 148 |
| **SK 13.07** | **5,6-20** | 110 | 210 | 180 | 28 | 15 | 116,0 | 28 x 16 x 180 | **22,4-112** | 80 | 170 | 140 | 22 | 15 | 85,0 | 22 x 14 x 140 | 150 |
| **SK 14.07** | **7,1-25** | 110 | 210 | 180 | 28 | 15 | 116,0 | 28 x 16 x 180 | **28,0-140** | 80 | 170 | 140 | 22 | 15 | 85,0 | 22 x 14 x 140 | 152 |
| **SK 15.07** | **5,6-20** | 120 | 245 | 200 | 32 | 15 | 127,0 | 32 x 18 x 200 | **22,4-45** | 100 | 210 | 180 | 28 | 15 | 106,0 | 28 x 16 x 180 | 154 |
| | | | | | | | | | **50,0-112** | 80 | 170 | 140 | 22 | 15 | 85,0 | 22 x 14 x 140 | 154 |

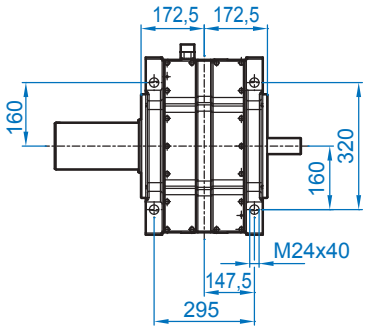
* values in brakets at option "DRY"

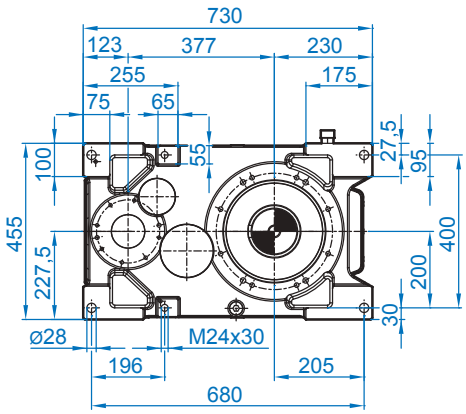


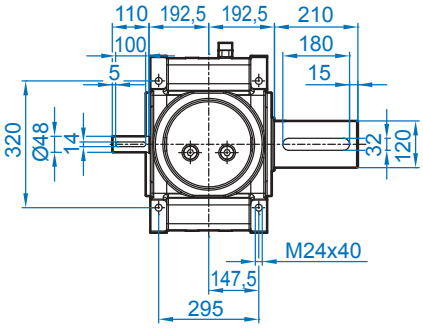
## SK 5207 / 5307 V *



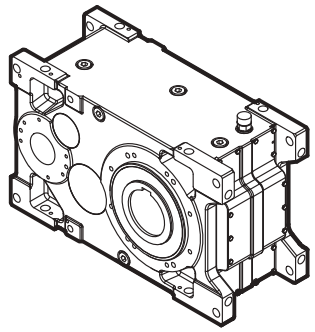


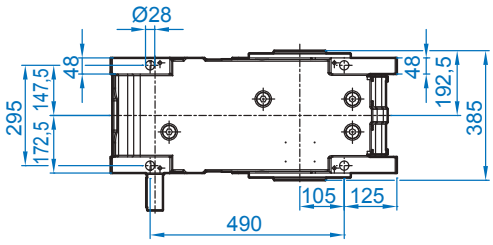



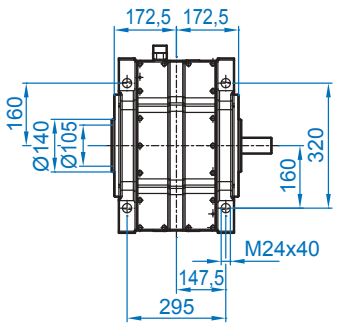



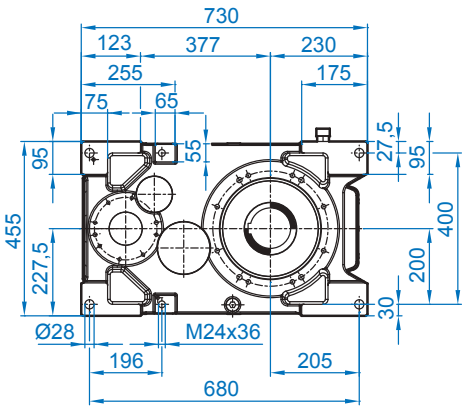



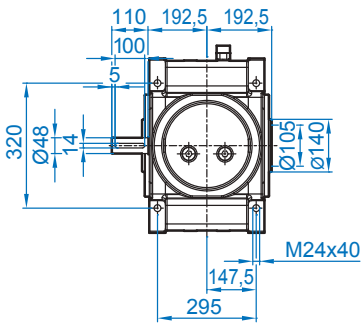

## SK 5207 / 5307 A *



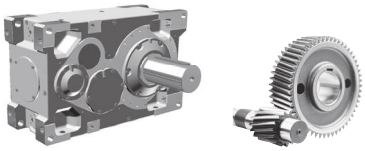


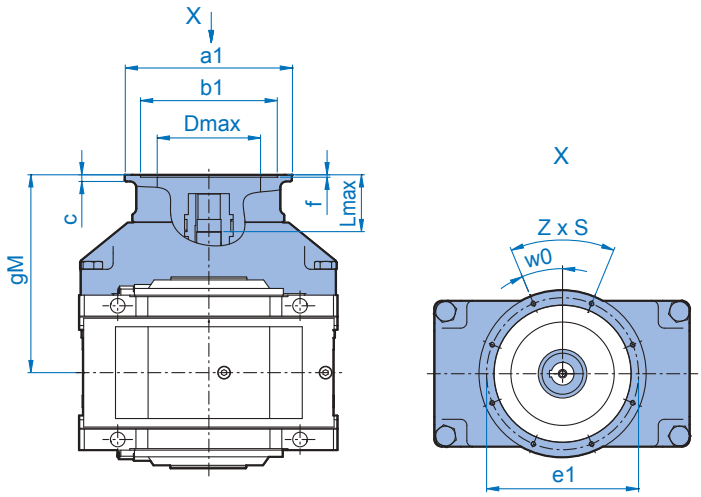




* Dimensions for option "DRY" please see 📖 132-133





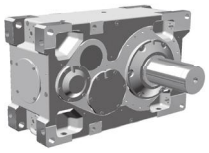
## SK 5207 / SK 5307



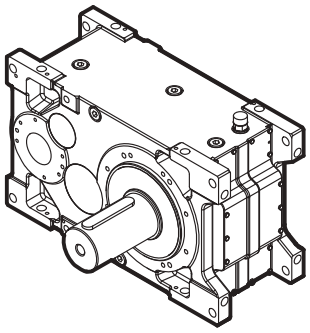

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø yDmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5207 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| SK 5307 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |

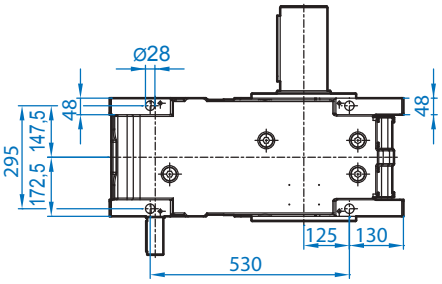
[1] Type designation and dimensions up to 200kW correspond to NORD motors

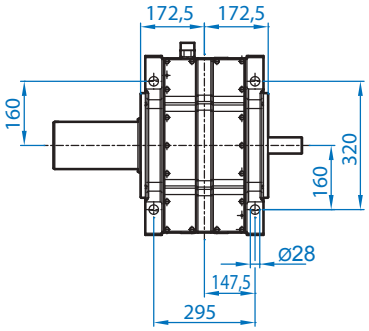
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5207 | NEMA | 254/256 TC | 453,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 284/286 TC | 453,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 324/326 TC | 466,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 173 |
| | | 364/365 TC | 496,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 204 |
| | | 404/405 TC | 510,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 218 |
| SK 5307 | NEMA | 254/256 TC | 453,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 284/286 TC | 453,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 324/326 TC | 466,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 173 |
| | | 364/365 TC | 496,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 204 |
| | | 404/405 TC | 510,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 218 |

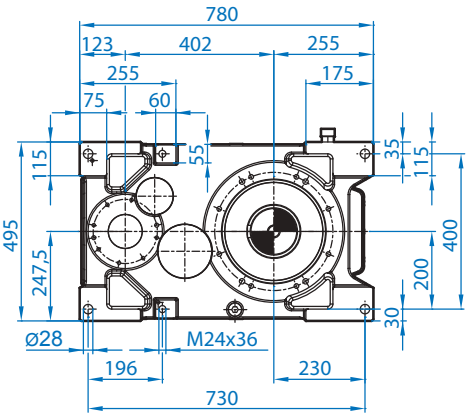


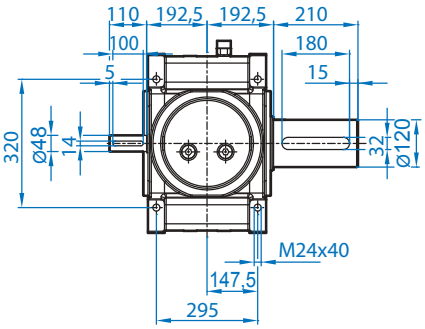
## SK 6207 / 6307 V *



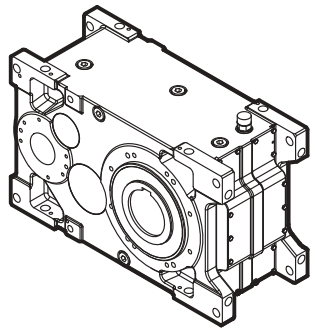


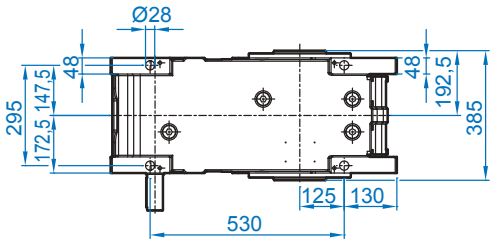



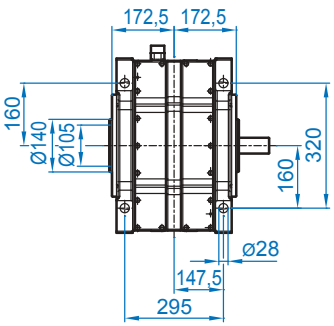



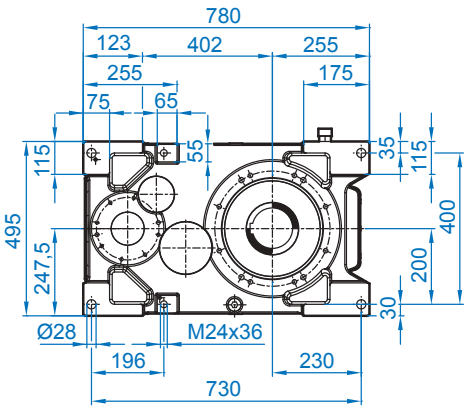



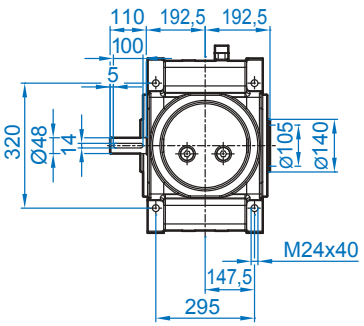

## SK 6207 / 6307 A *



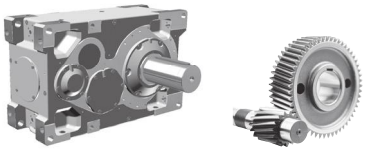


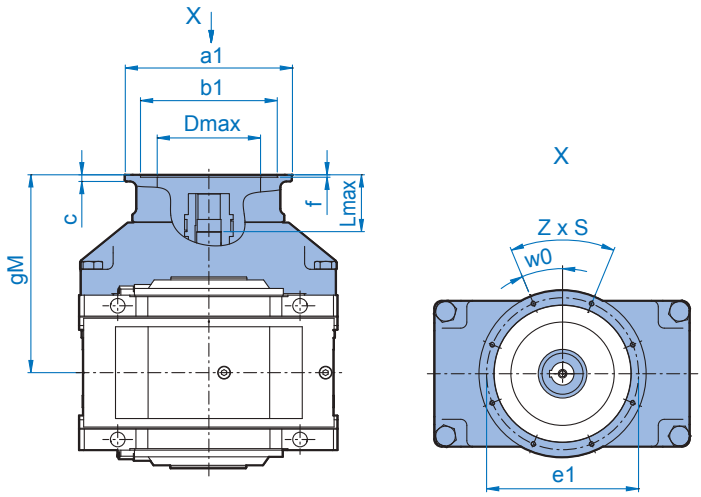




* Dimensions for option "DRY" please see 📖 132-133



# SK 6207 / SK 6307
# IEC & NEMA

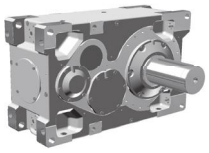
## SK 6207 / SK 6307




| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 6207 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| SK 6307 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |

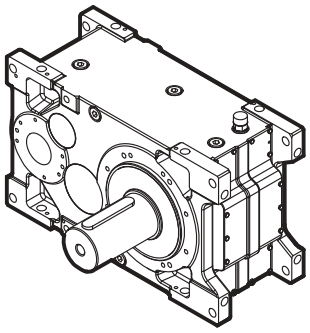
[1] Type designation and dimensions up to 200kW correspond to NORD motors

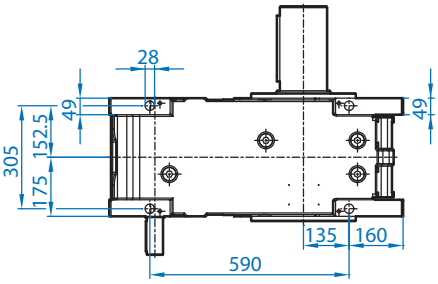
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 6207 | NEMA | 254/256 TC | 453,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 284/286 TC | 453,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 324/326 TC | 466,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 173 |
| | | 364/365 TC | 496,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 204 |
| | | 404/405 TC | 510,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 218 |
| SK 6307 | NEMA | 254/256 TC | 453,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 284/286 TC | 453,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 161 |
| | | 324/326 TC | 466,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 173 |
| | | 364/365 TC | 496,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 204 |
| | | 404/405 TC | 510,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 218 |

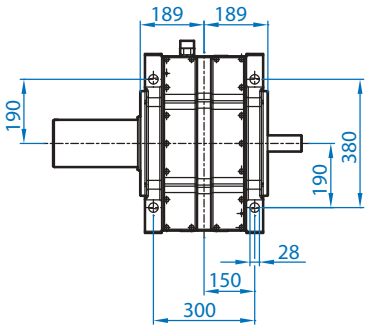


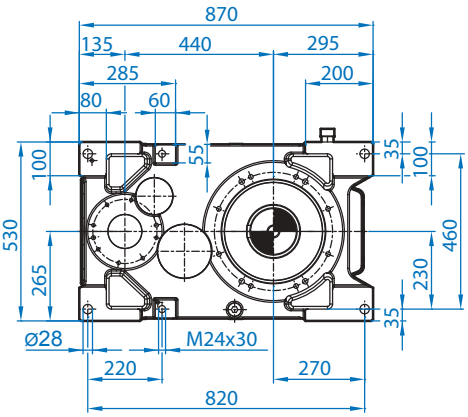
NORD DRIVESYSTEMS

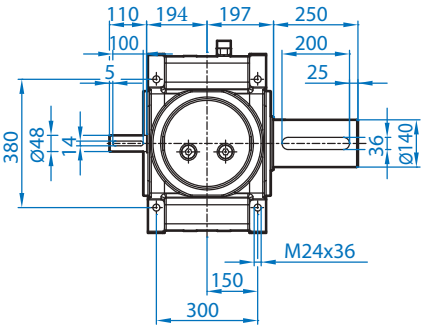
## SK 7207 / 7307 V *



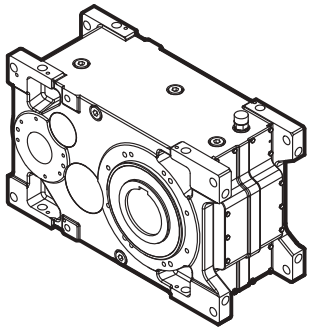


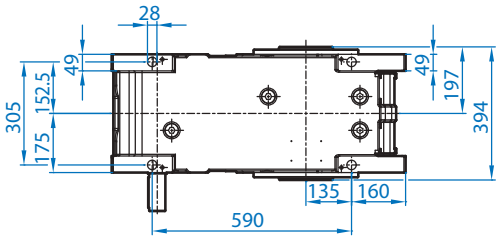



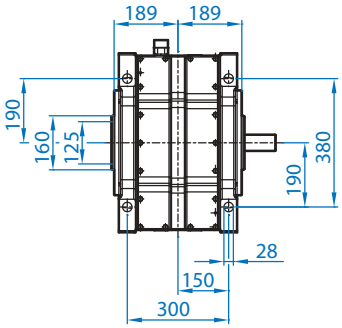



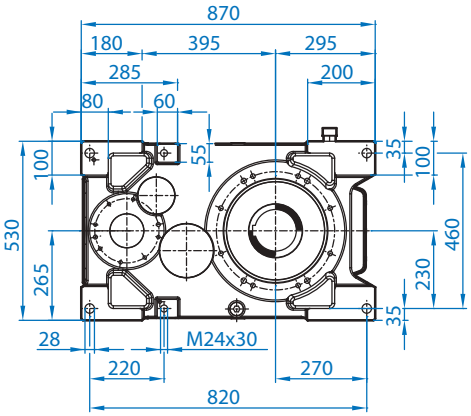



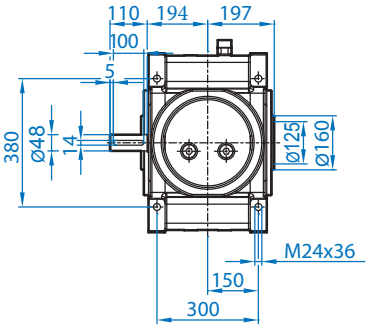

## SK 7207 / 7307 A *



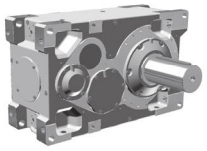


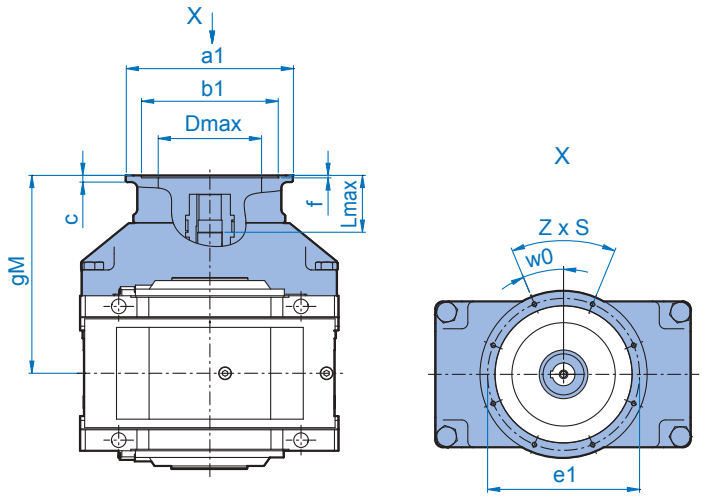




* Dimensions for option "DRY" please see 📖 132-133



# SK 7207 / SK 7307
# IEC & NEMA

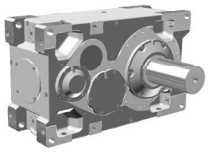
## SK 7207 / SK 7307




| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7207 | IEC [1] | 100 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 100 |
| | | 112 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 100 |
| | | 132 | 409 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 120 |
| | | 160 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 150 |
| | | 180 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 150 |
| | | 200 | 439 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 150 |
| | | 225 | 469 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 180 |
| | | 250 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 280 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 315 | 499 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | TN [2] | 315 | 499 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | | 355 | 499 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| SK 7307 | IEC [1] | 100 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 100 |
| | | 112 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 100 |
| | | 132 | 409 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 120 |
| | | 160 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 150 |
| | | 180 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 150 |
| | | 200 | 439 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 150 |
| | | 225 | 469 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 180 |
| | | 250 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 280 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 315 | 499 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | TN [2] | 315 | 499 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | | 355 | 499 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |

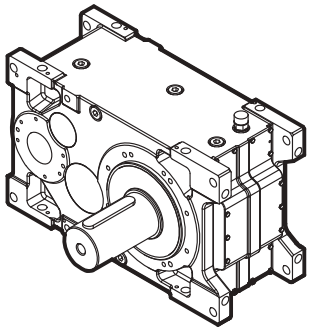
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

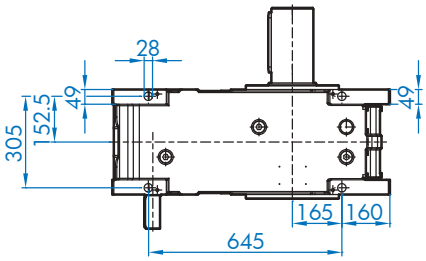
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7207 | NEMA | 254/256 TC | 439 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 284/286 TC | 439 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 324/326 TC | 439 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 184 |
| | | 364/365 TC | 469 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 214 |
| | | 404/405 TC | 469 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 444/445 TC | 469 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 260 |
| | | 447/449 TC | 499 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |
| SK 7307 | NEMA | 254/256 TC | 439 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 284/286 TC | 439 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 324/326 TC | 439 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 184 |
| | | 364/365 TC | 469 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 214 |
| | | 404/405 TC | 469 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 444/445 TC | 469 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 260 |
| | | 447/449 TC | 499 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |

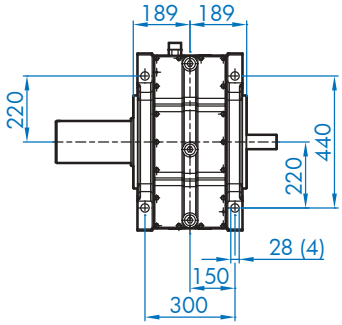


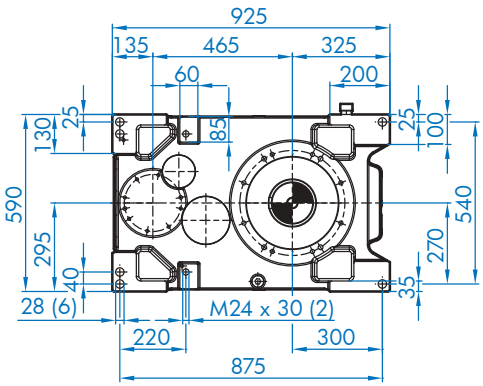
NORD DRIVESYSTEMS

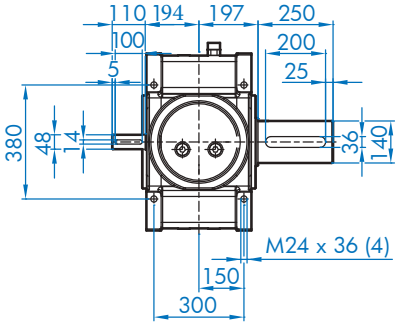
## SK 8207 / 8307 V *



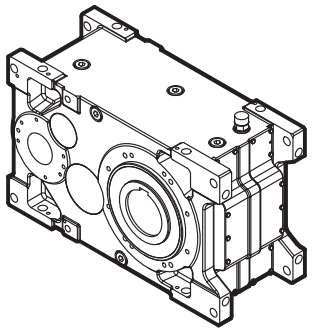


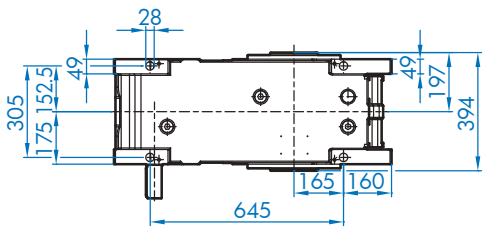



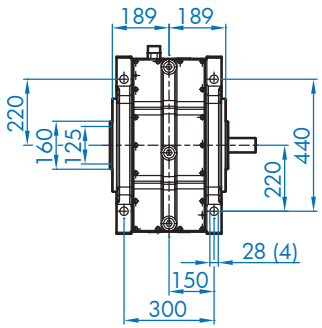



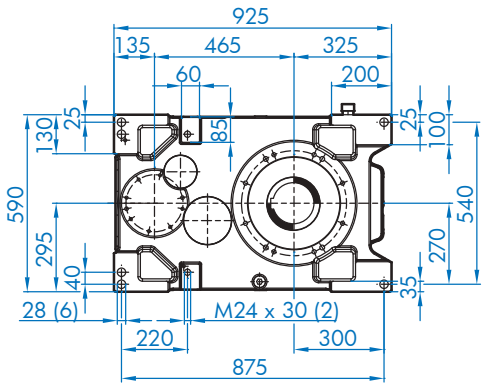



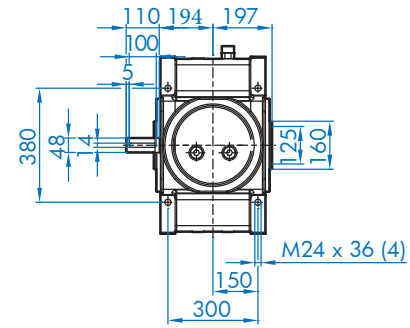

## SK 8207 / 8307 A *



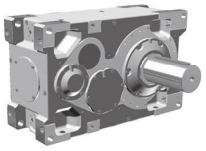


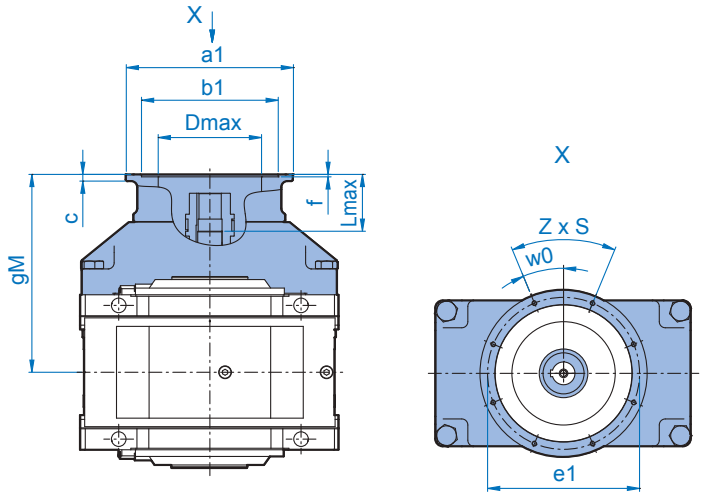




* Dimensions for option "DRY" please see 📖 132-133



# SK 8207 / SK 8307
# IEC & NEMA

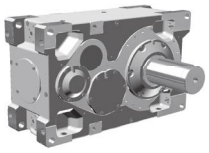
## SK 8207 / SK 8307




| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 8207 | IEC [1] | 100 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 100 |
| | | 112 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 100 |
| | | 132 | 409 | 300 | 230 | 265 | 12 | 4 | 4 x 14.5 | 0 | 210 | 120 |
| | | 160 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 150 |
| | | 180 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 150 |
| | | 200 | 439 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45 | 250 | 150 |
| | | 225 | 469 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 250 | 180 |
| | | 250 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 280 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 315 | 499 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | TN [2] | 315 | 499 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | | 355 | 499 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| SK 8307 | IEC [1] | 100 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 100 |
| | | 112 | 389 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 100 |
| | | 132 | 409 | 300 | 230 | 265 | 12 | 4 | 4 x 14.5 | 0 | 210 | 120 |
| | | 160 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 150 |
| | | 180 | 439 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 150 |
| | | 200 | 439 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45 | 250 | 150 |
| | | 225 | 469 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 250 | 180 |
| | | 250 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 280 | 469 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 180 |
| | | 315 | 499 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | TN [2] | 315 | 499 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |
| | | 355 | 499 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 210 |

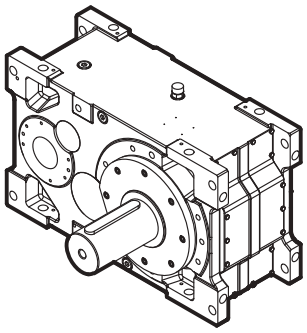
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

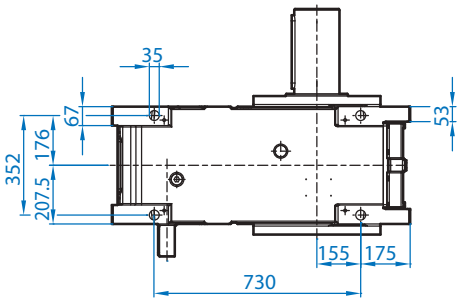
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 8207 | NEMA | 254/256 TC | 439 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 284/286 TC | 439 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 324/326 TC | 439 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 184 |
| | | 364/365 TC | 469 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 214 |
| | | 404/405 TC | 469 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 444/445 TC | 469 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 260 |
| | | 447/449 TC | 499 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |
| SK 8307 | NEMA | 254/256 TC | 439 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 284/286 TC | 439 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 173 |
| | | 324/326 TC | 439 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 184 |
| | | 364/365 TC | 469 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 214 |
| | | 404/405 TC | 469 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 444/445 TC | 469 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 260 |
| | | 447/449 TC | 499 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |

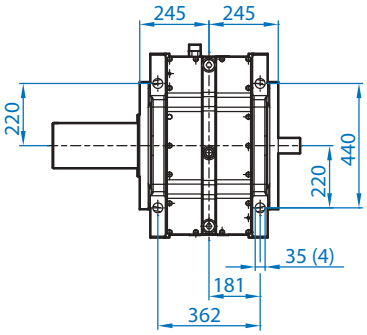


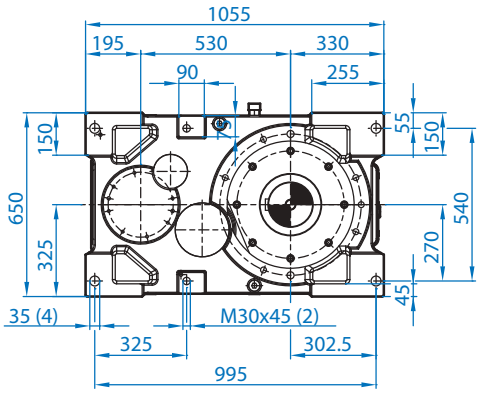
DRIVESYSTEMS

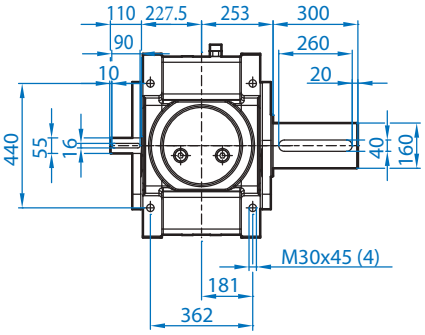
## SK 9207 / 9307 V



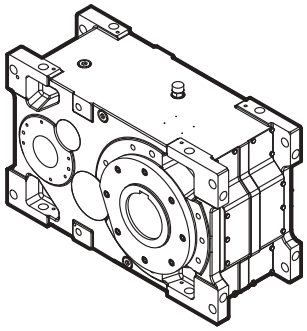


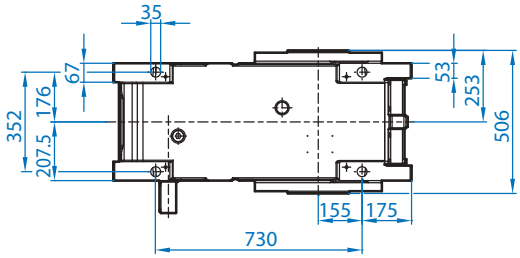



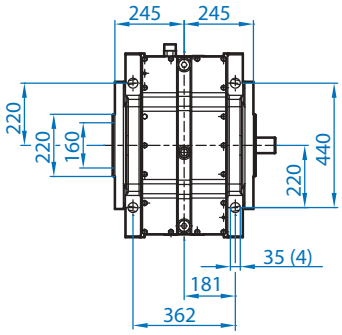



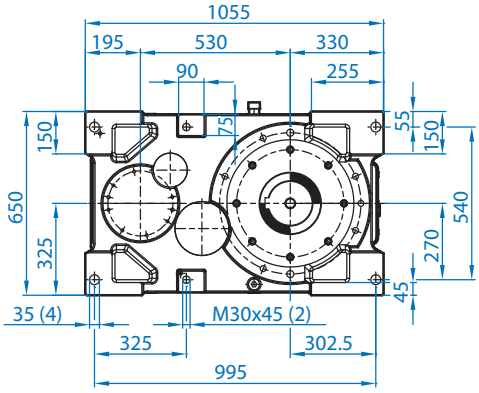



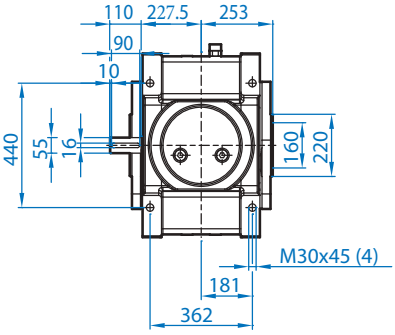

## SK 9207 / 9307 A *



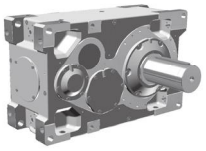


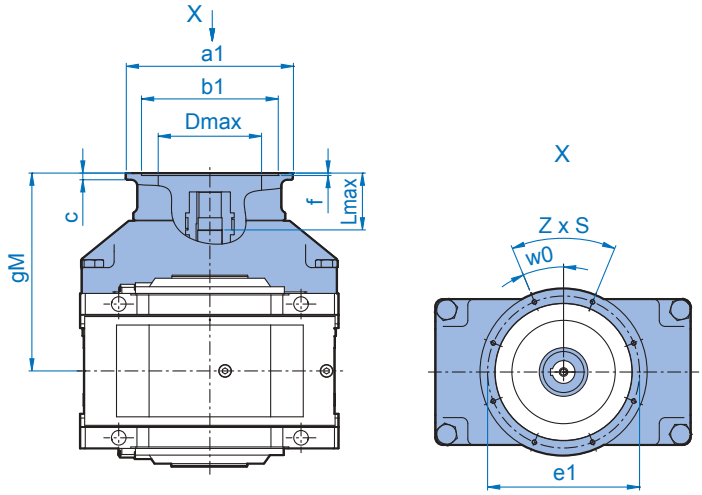




* Dimensions for option "DRY" please see 🕮 132-133



# SK 9207 / SK 9307
# IEC & NEMA

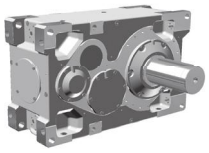
## SK 9207 / SK 9307



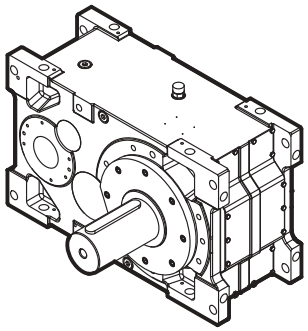

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 9207 | IEC [1] | 100 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 99 |
| | | 112 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 99 |
| | | 132 | 441,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14.5 | 0 | 210 | 119 |
| | | 160 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 149 |
| | | 180 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 149 |
| | | 200 | 471,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45 | 250 | 149 |
| | | 225 | 501,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 250 | 179 |
| | | 250 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 280 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 315 | 531,5 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | TN [2] | 315 | 531,5 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | | 355 | 531,5 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| SK 9307 | IEC [1] | 100 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 99 |
| | | 112 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14.5 | 0 | 160 | 99 |
| | | 132 | 441,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14.5 | 0 | 210 | 119 |
| | | 160 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 149 |
| | | 180 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45 | 220 | 149 |
| | | 200 | 471,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45 | 250 | 149 |
| | | 225 | 501,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 250 | 179 |
| | | 250 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 280 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 315 | 531,5 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | TN [2] | 315 | 531,5 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | | 355 | 531,5 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |

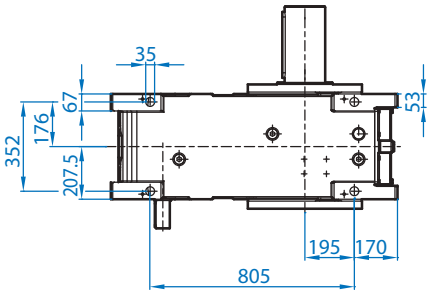
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

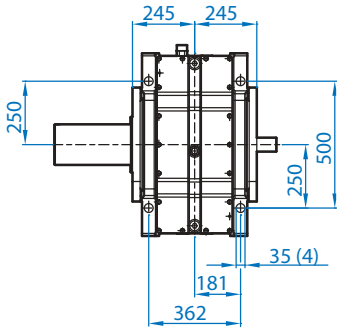
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 9207 | NEMA | 254/256 TC | 494,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 284/286 TC | 494,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 324/326 TC | 505,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 183 |
| | | 364/365 TC | 535,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 213 |
| | | 404/405 TC | 549,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 227 |
| | | 444/445 TC | 581,5 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 259 |
| | | 447/449 TC | 576,5 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 254 |
| SK 9307 | NEMA | 254/256 TC | 494,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 284/286 TC | 494,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 324/326 TC | 505,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 183 |
| | | 364/365 TC | 535,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 213 |
| | | 404/405 TC | 549,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 227 |
| | | 444/445 TC | 581,5 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 259 |
| | | 447/449 TC | 576,5 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 254 |

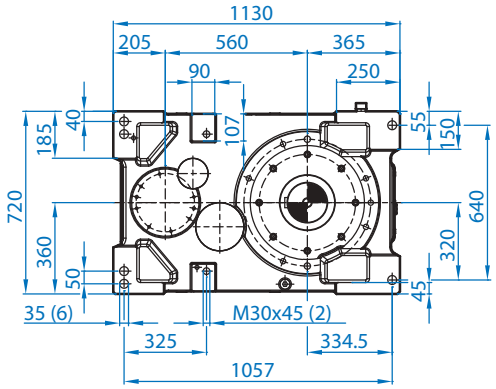


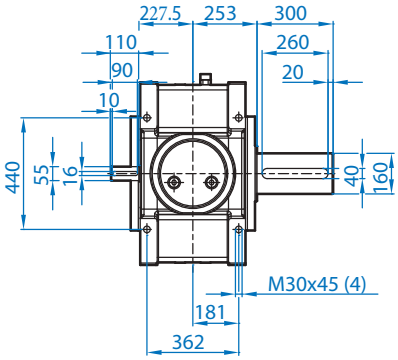
## SK 10207 / 10307 V



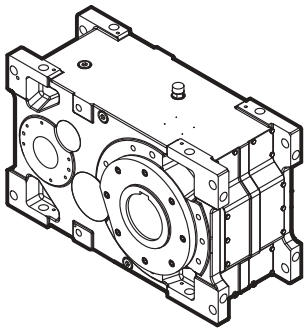


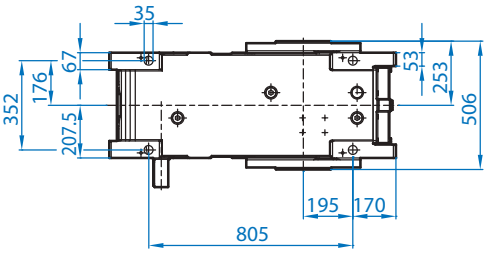



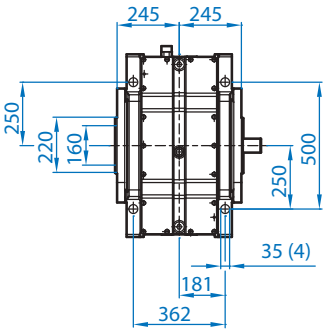



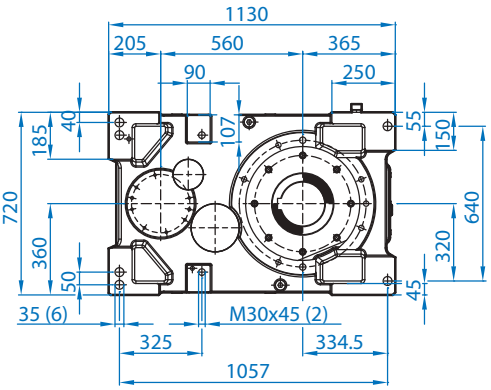



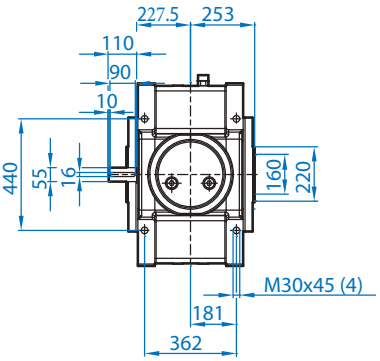

## SK 10207/10307 A *



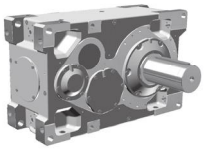


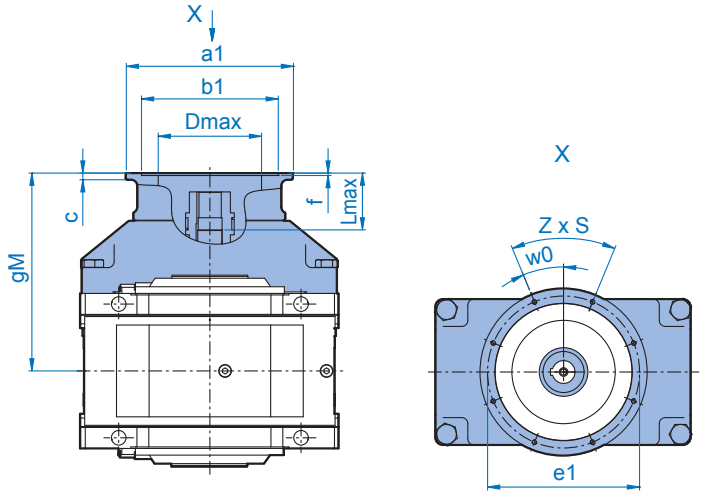




* Dimensions for option "DRY" please see 📖 132-133



# SK 10207 / SK 10307
# IEC & NEMA

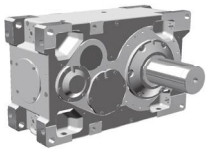
## SK 10207 / SK 10307




| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 10207 | IEC [1] | 100 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 99 |
| | | 112 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 99 |
| | | 132 | 441,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 119 |
| | | 160 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 149 |
| | | 180 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 149 |
| | | 200 | 471,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 149 |
| | | 225 | 501,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 179 |
| | | 250 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 280 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 315 | 531,5 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | TN [2] | 315 | 531,5 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | | 355 | 531,5 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| SK 10307 | IEC [1] | 100 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 99 |
| | | 112 | 421,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 99 |
| | | 132 | 441,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 119 |
| | | 160 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 149 |
| | | 180 | 471,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 149 |
| | | 200 | 471,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 149 |
| | | 225 | 501,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 179 |
| | | 250 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 280 | 501,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 179 |
| | | 315 | 531,5 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | TN [2] | 315 | 531,5 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |
| | | 355 | 531,5 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 250 | 209 |

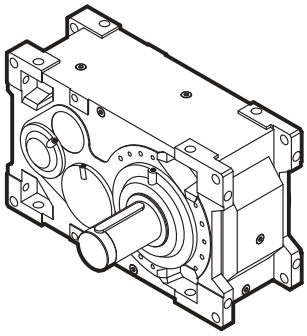
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

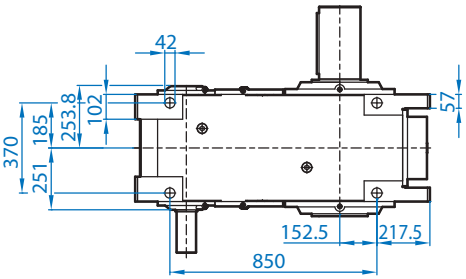
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 10207 | NEMA | 254/256 TC | 494,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 284/286 TC | 494,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 324/326 TC | 505,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 183 |
| | | 364/365 TC | 535,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 213 |
| | | 404/405 TC | 549,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 227 |
| | | 444/445 TC | 581,5 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 259 |
| | | 447/449 TC | 576,5 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 254 |
| SK 10307 | NEMA | 254/256 TC | 494,5 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 284/286 TC | 494,5 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 |
| | | 324/326 TC | 505,5 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 183 |
| | | 364/365 TC | 535,5 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 213 |
| | | 404/405 TC | 549,5 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 227 |
| | | 444/445 TC | 581,5 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 259 |
| | | 447/449 TC | 576,5 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 254 |

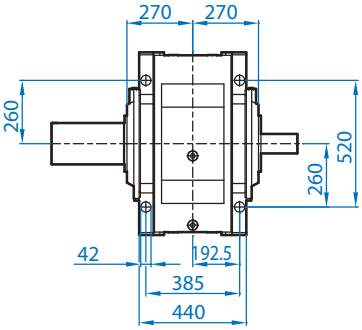


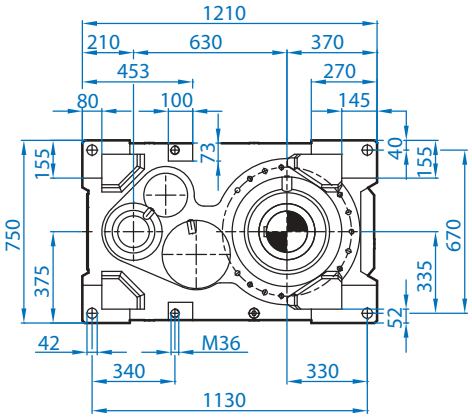
DRIVESYSTEMS

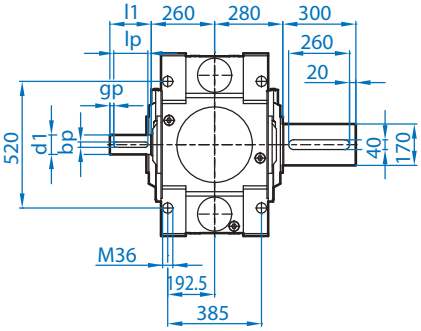
## SK 11207 / 11307 V



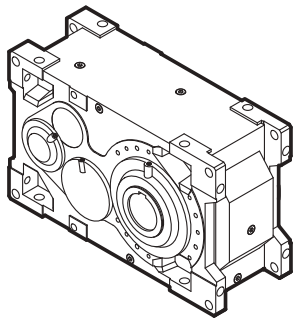


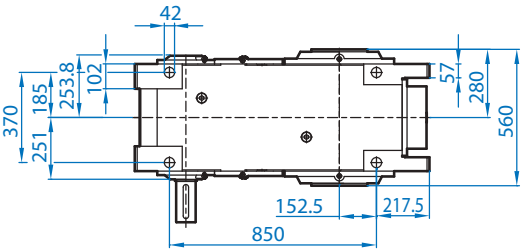



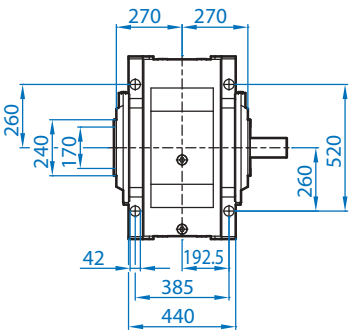



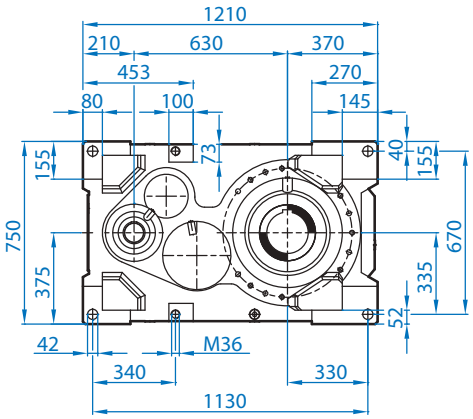



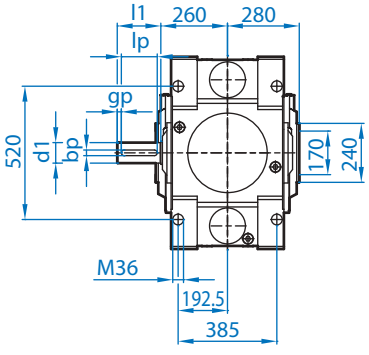

## SK 11207 / 11307 A

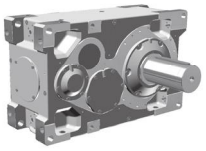




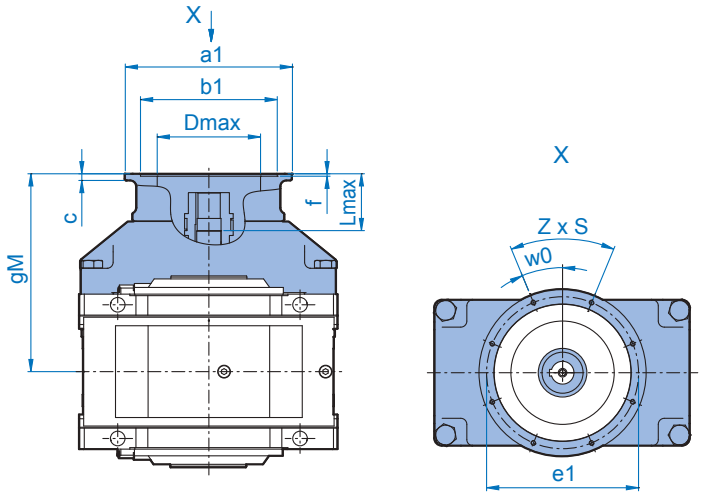





# SK 11207 / SK 11307
# IEC & NEMA

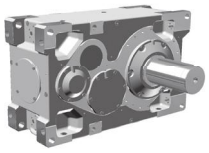
## SK 11207 / SK 11307



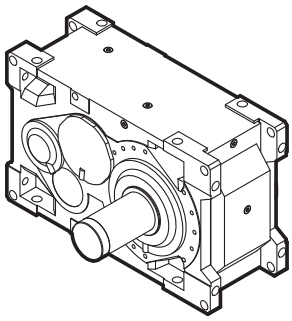

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11207 | IEC [1] | 160 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 115 |
| | | 180 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 115 |
| | | 200 | 545 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 115 |
| | | 225 | 575 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 145 |
| | | 250 | 575 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 145 |
| | | 280 | 575 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 145 |
| | | 315 | 605 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 175 |
| | TN [2] | 315T | 605 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 175 |
| | | 355T | 605 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 175 |
| SK 11307 | IEC [1] | 160 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 145 |
| | | 180 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 145 |
| | | 200 | 545 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 145 |
| | | 225 | 575 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 175 |
| | | 250 | 575 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 175 |
| | | 280 | 575 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 175 |
| | | 315 | 605 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 205 |
| | TN [2] | 315T | 605 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 205 |
| | | 355T | 605 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 205 |

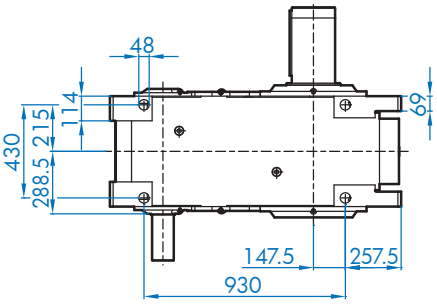
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

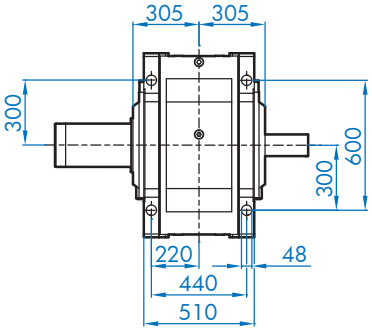
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11207 | NEMA | 254/256 TC | 568 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 138 |
| | | 284/286 TC | 568 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 138 |
| | | 324/326 TC | 579 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 149 |
| | | 364/365 TC | 609 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 179 |
| | | 404/405 TC | 623 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 193 |
| | | 444/445 TC | 655 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 225 |
| | | 447/449 TC | 650 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 220 |
| SK 11307 | NEMA | 254/256 TC | 568 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 |
| | | 284/286 TC | 568 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 |
| | | 324/326 TC | 579 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 179 |
| | | 364/365 TC | 609 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 209 |
| | | 404/405 TC | 623 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 223 |
| | | 444/445 TC | 655 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |
| | | 447/449 TC | 650 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 250 |

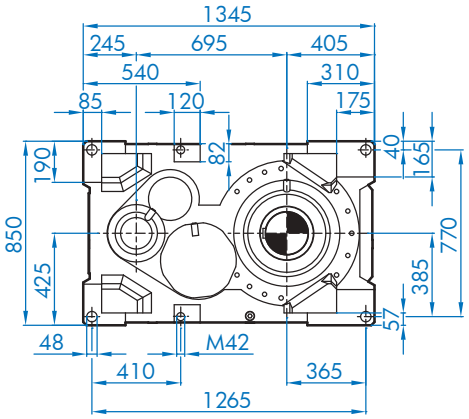


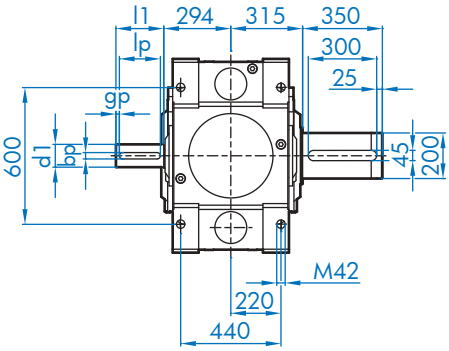
## SK 12207 / 12307 V



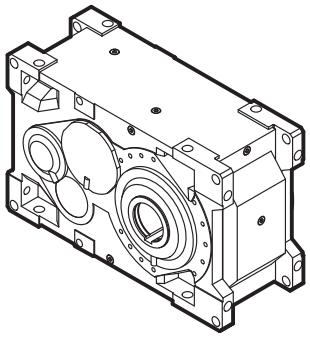


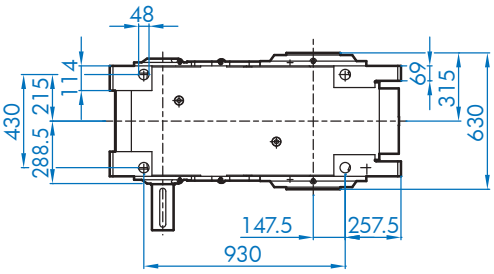



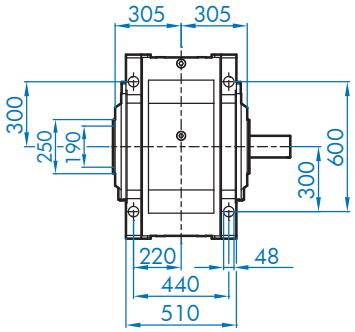



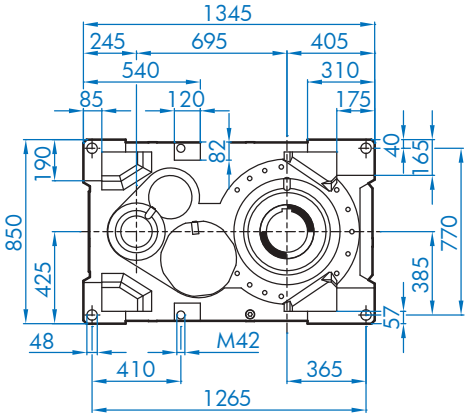



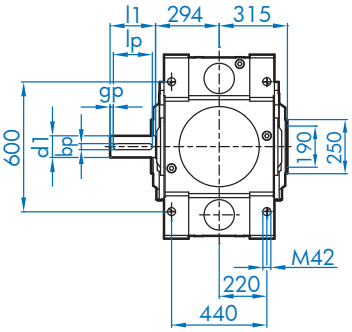

## SK 12207 / 12307 A

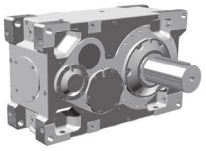




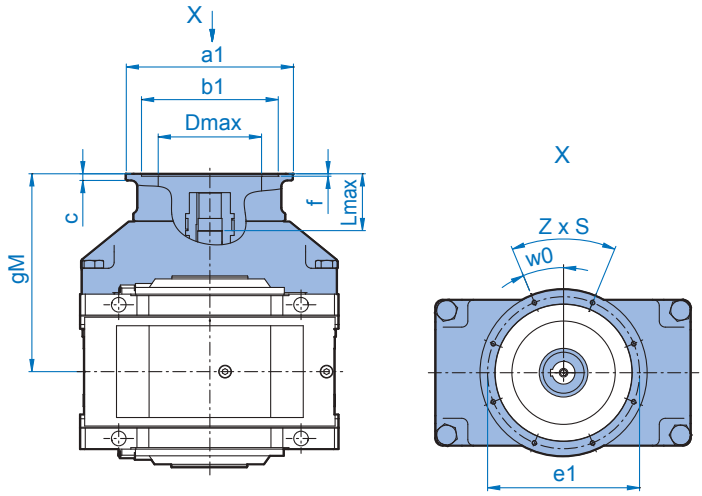





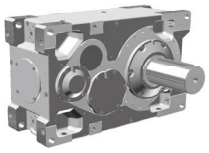
## SK 12207 / SK 12307



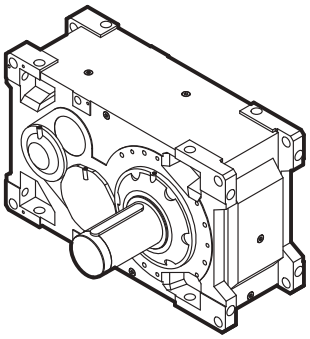

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12207 | IEC [1] | 160 | 621 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 117 |
| | | 180 | 621 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 117 |
| | | 200 | 621 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 117 |
| | | 225 | 651 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 147 |
| | | 250 | 651 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 147 |
| | | 280 | 651 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 147 |
| | | 315 | 681 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 177 |
| | TN [2] | 315T | 681 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 177 |
| | | 355T | 681 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 177 |
| SK 12307 | IEC [1] | 160 | 621 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 157 |
| | | 180 | 621 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 157 |
| | | 200 | 621 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 157 |
| | | 225 | 651 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 187 |
| | | 250 | 651 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 187 |
| | | 280 | 651 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 187 |
| | | 315 | 681 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 217 |
| | TN [2] | 315T | 681 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 217 |
| | | 355T | 681 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 217 |

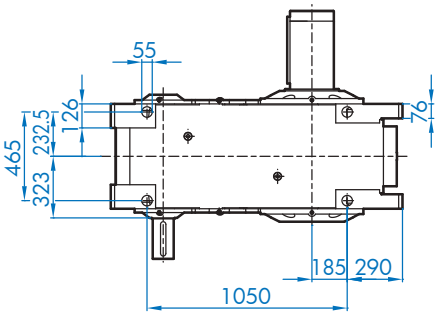
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

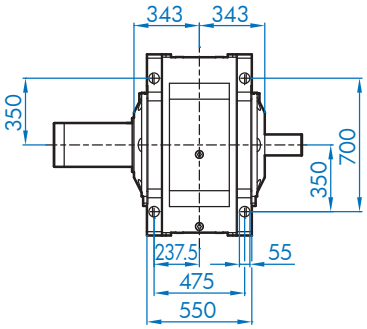
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12207 | NEMA | 254/256 TC | 644 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 140 |
| | | 284/286 TC | 644 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 140 |
| | | 324/326 TC | 655 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 151 |
| | | 364/365 TC | 685 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 181 |
| | | 404/405 TC | 699 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 195 |
| | | 444/445 TC | 731 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 227 |
| | | 447/449 TC | 726 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 222 |
| SK 12307 | NEMA | 254/256 TC | 644 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 180 |
| | | 284/286 TC | 644 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 180 |
| | | 324/326 TC | 655 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 191 |
| | | 364/365 TC | 685 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 221 |
| | | 404/405 TC | 699 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 235 |
| | | 444/445 TC | 731 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 267 |
| | | 447/449 TC | 726 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 262 |

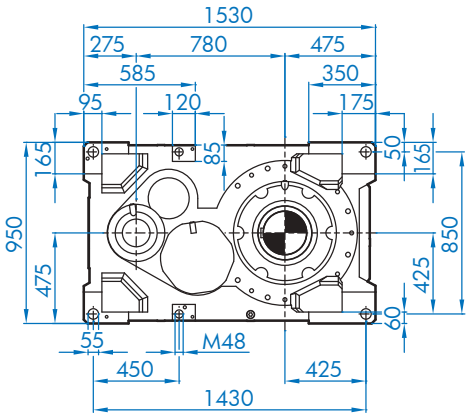


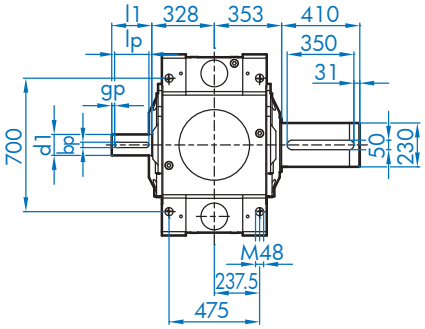
## SK 13207 / 13307 V



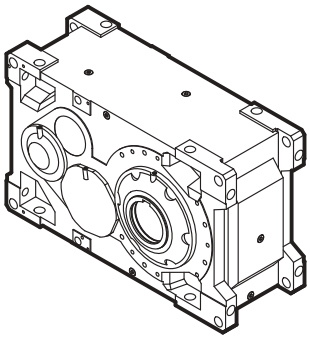


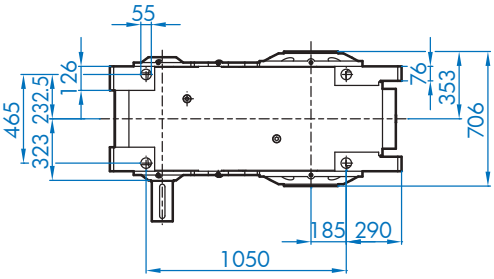



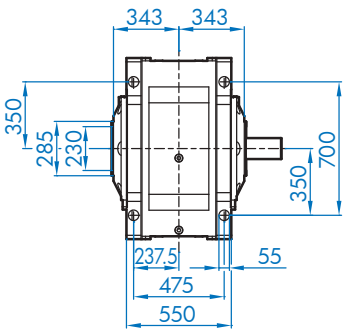



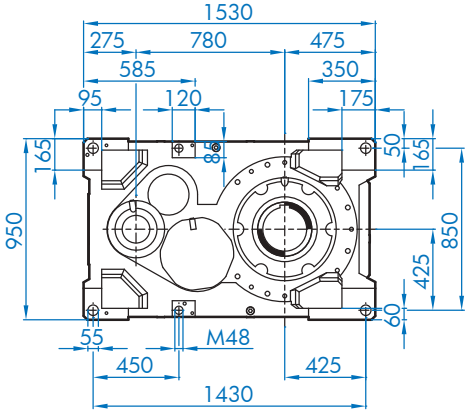



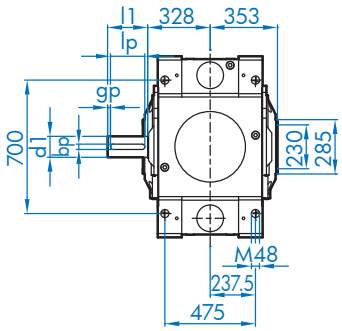

## SK 13207 / 13307 A

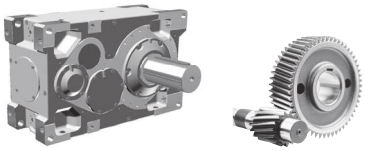




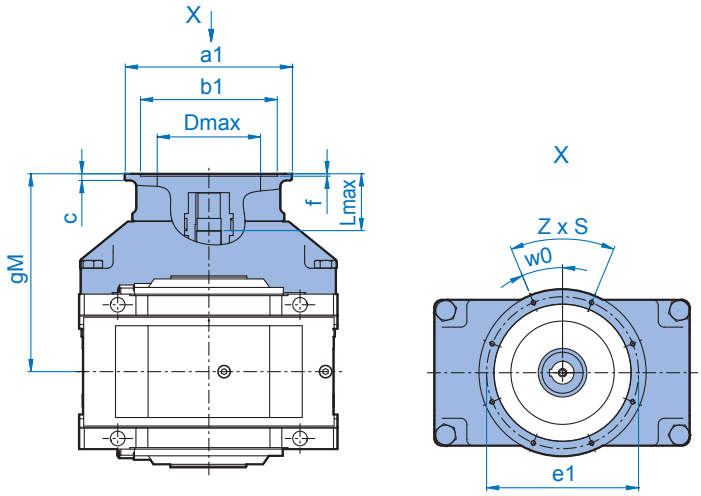





# SK 13207 / SK 13307
# IEC & NEMA

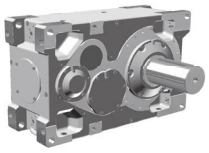
## SK 13207 / SK 13307



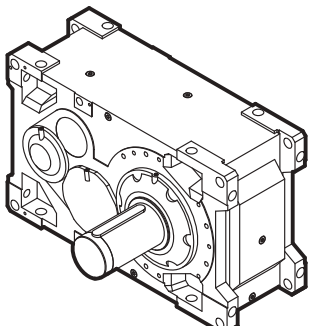

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 13207 | IEC [1] | 160 | 656 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 118 |
| | | 180 | 656 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 118 |
| | | 200 | 656 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 118 |
| | | 225 | 686 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 148 |
| | | 250 | 686 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 148 |
| | | 280 | 686 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 148 |
| | | 315 | 716 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| | TN [2] | 315T | 716 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| | | 355T | 716 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| SK 13307 | IEC [1] | 160 | 656 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 158 |
| | | 180 | 656 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 158 |
| | | 200 | 656 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 158 |
| | | 225 | 686 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 188 |
| | | 250 | 686 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 188 |
| | | 280 | 686 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 188 |
| | | 315 | 716 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 218 |
| | TN [2] | 315T | 716 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 218 |
| | | 355T | 716 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 218 |

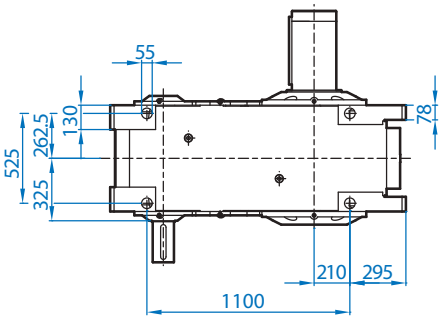
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

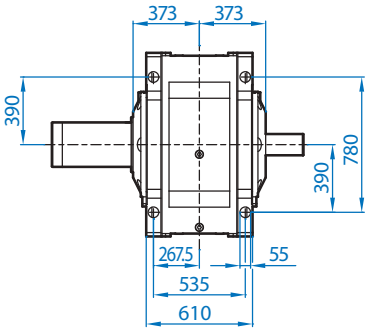
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 13207 | NEMA | 254/256 TC | 679 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 141 |
| | | 284/286 TC | 679 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 141 |
| | | 324/326 TC | 690 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 152 |
| | | 364/365 TC | 720 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 182 |
| | | 404/405 TC | 734 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 196 |
| | | 444/445 TC | 766 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 447/449 TC | 761 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 223 |
| SK 13307 | NEMA | 254/256 TC | 679 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 181 |
| | | 284/286 TC | 679 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 181 |
| | | 324/326 TC | 690 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 192 |
| | | 364/365 TC | 720 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 222 |
| | | 404/405 TC | 734 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 236 |
| | | 444/445 TC | 766 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 268 |
| | | 447/449 TC | 761 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 263 |

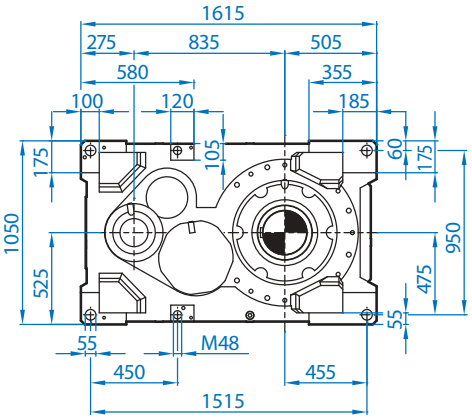


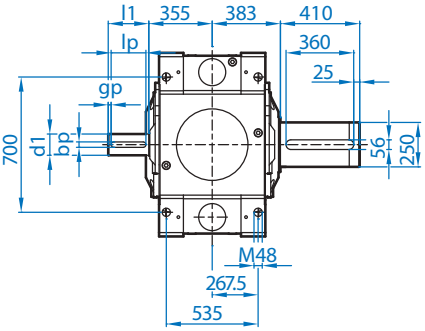
## SK 14207 / 14307 V



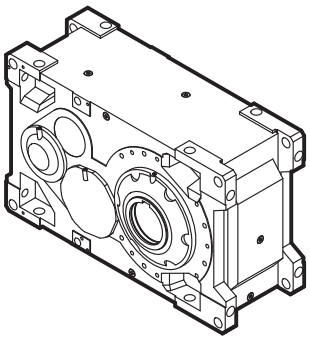


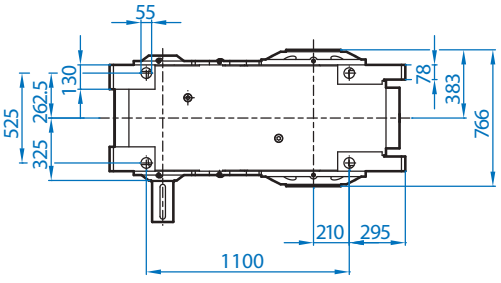



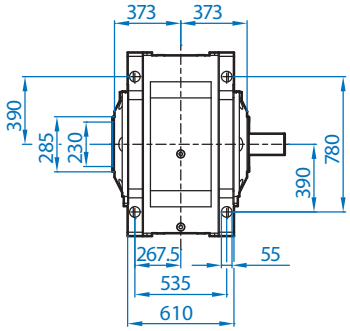



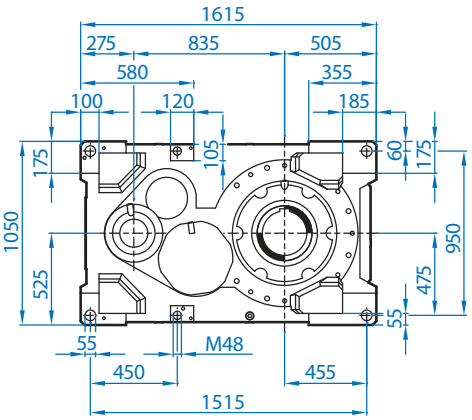



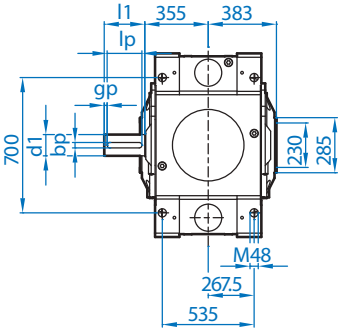

## SK 14207 / 14307 A

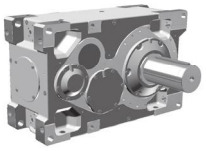




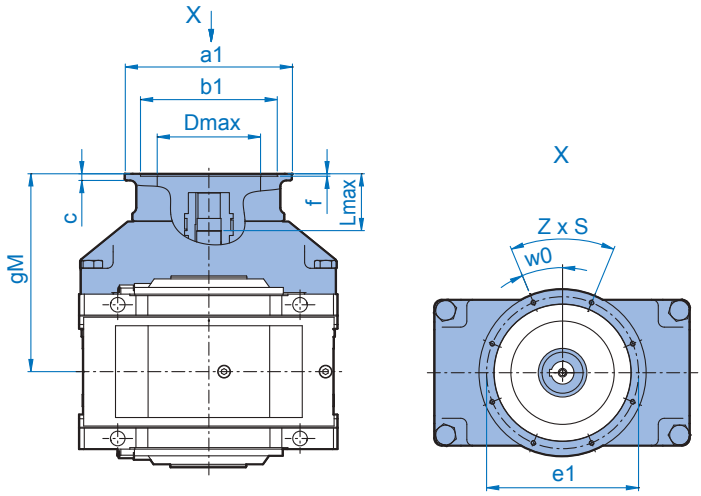





# SK 14207 / SK 14307 IEC & NEMA

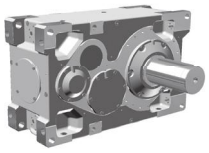
## SK 14207 / SK 14307



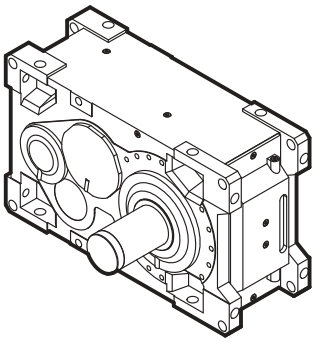

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 14207 | IEC [1] | 160 | 686 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 118 |
| | | 180 | 686 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 118 |
| | | 200 | 686 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 118 |
| | | 225 | 716 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 148 |
| | | 250 | 716 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 148 |
| | | 280 | 716 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 148 |
| | | 315 | 746 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| | TN [2] | 315 | 746 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| | | 355 | 746 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 178 |
| SK 14307 | IEC [1] | 160 | 686 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 158 |
| | | 180 | 686 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 158 |
| | | 200 | 686 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 158 |
| | | 225 | 716 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 188 |
| | | 250 | 716 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 188 |
| | | 280 | 716 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 188 |
| | | 315 | 746 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 218 |
| | TN [2] | 315 | 746 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 218 |
| | | 355 | 746 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 218 |

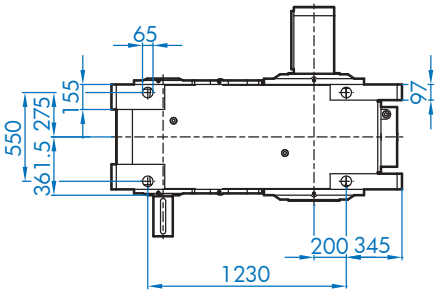
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

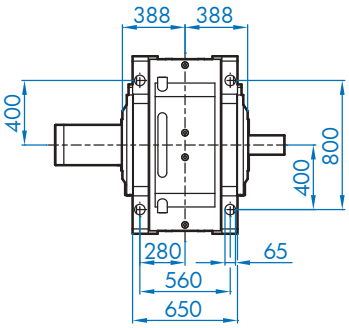
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 14207 | NEMA | 254/256 TC | 709 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 141 |
| | | 284/286 TC | 709 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 141 |
| | | 324/326 TC | 709 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 152 |
| | | 364/365 TC | 739 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 182 |
| | | 404/405 TC | 739 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 196 |
| | | 444/445 TC | 769 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 228 |
| | | 447/449 TC | 769 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 223 |
| SK 14307 | NEMA | 254/256 TC | 709 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 181 |
| | | 284/286 TC | 709 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 181 |
| | | 324/326 TC | 709 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 192 |
| | | 364/365 TC | 739 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 222 |
| | | 404/405 TC | 739 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 236 |
| | | 444/445 TC | 769 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 268 |
| | | 447/449 TC | 769 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 263 |

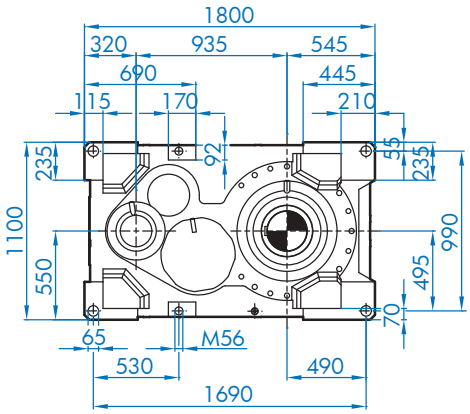


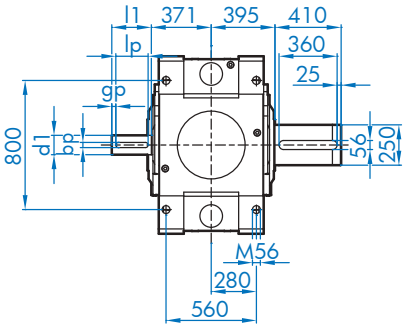
## SK 15207 / 15307 V



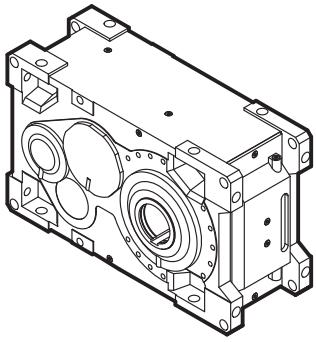


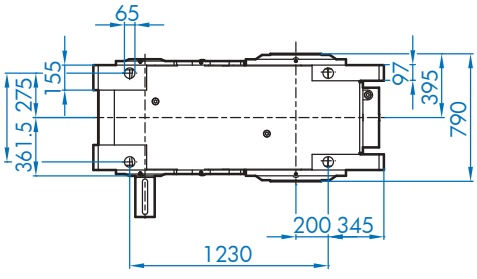



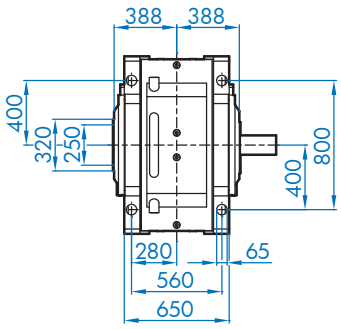



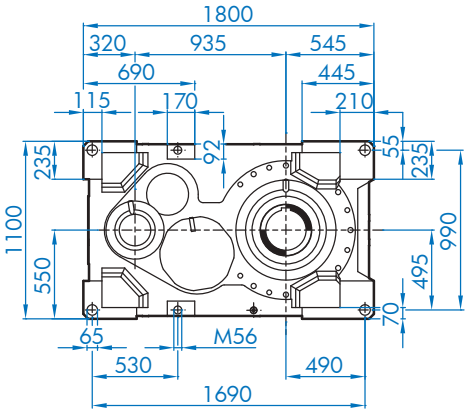



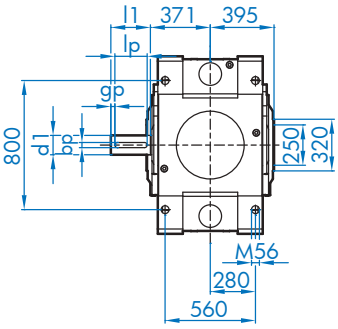

## SK 15207 / 15307 A

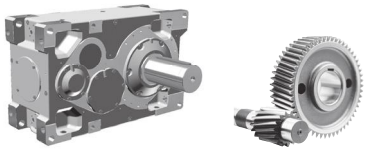




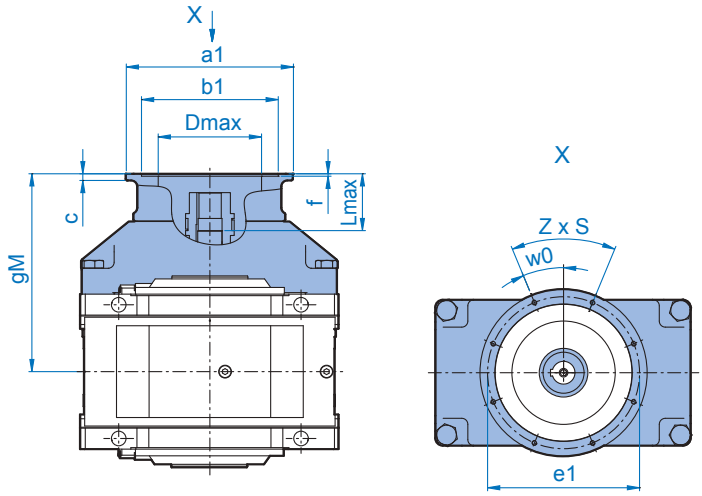





# SK 15207 / SK 15307
# IEC & NEMA

## SK 15207 / SK 15307



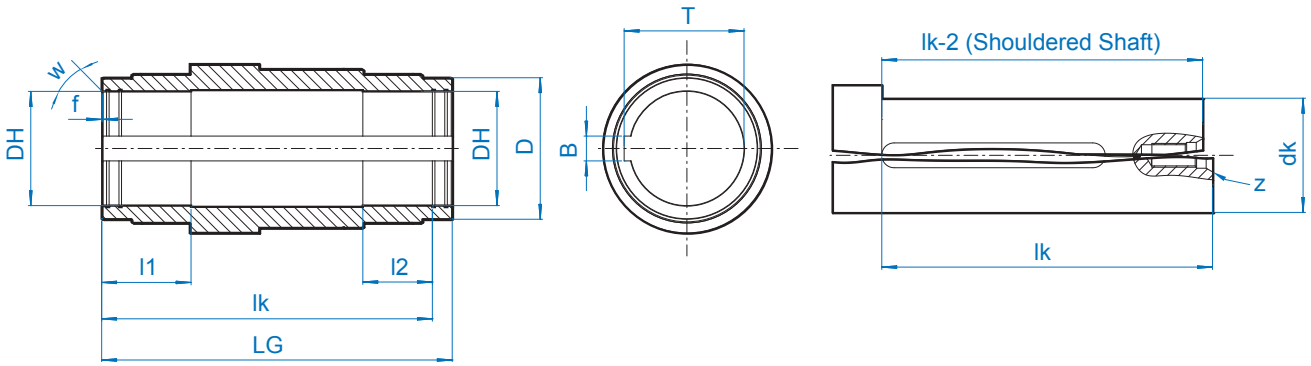

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 15207 | IEC [1] | 160 | 735 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 119 |
| | | 180 | 735 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 119 |
| | | 200 | 735 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 119 |
| | | 225 | 765 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 149 |
| | | 250 | 765 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 149 |
| | | 280 | 765 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 149 |
| | | 315 | 795 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 179 |
| | TN [2] | 315T | 795 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 179 |
| | | 355T | 795 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 179 |
| SK 15307 | IEC [1] | 160 | 735 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 154 / 194 |
| | | 180 | 735 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 228 | 154 / 194 |
| | | 200 | 735 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 276 | 154 / 194 |
| | | 225 | 765 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 184 / 224 |
| | | 250 | 765 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 184 / 224 |
| | | 280 | 765 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 340 | 184 / 224 |
| | | 315 | 795 | 660 | 550 | 600 | 22 | 8 | 8 x 22 | 22,5 | 340 | 214 / 254 |
| | TN [2] | 315T | 795 | 800 | 680 | 740 | 25 | 8 | 8 x 22 | 22,5 | 340 | 214 / 254 |
| | | 355T | 795 | 900 | 780 | 840 | 25 | 8 | 8 x 22 | 22,5 | 340 | 214 / 254 |

[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 15207 | NEMA | 254/256 TC | 758 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 284/286 TC | 758 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 324/326 TC | 769 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 153 |
| | | 364/365 TC | 799 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 183 |
| | | 404/405 TC | 813 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 197 |
| | | 444/445 TC | 845 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 229 |
| | | 447/449 TC | 840 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 224 |
| SK 15307 | NEMA | 254/256 TC | 758 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 177 / 217 |
| | | 284/286 TC | 758 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 177 / 217 |
| | | 324/326 TC | 769 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 188 / 228 |
| | | 364/365 TC | 799 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 218 / 258 |
| | | 404/405 TC | 813 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 232 / 272 |
| | | 444/445 TC | 845 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 264 / 304 |
| | | 447/449 TC | 840 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 259 / 299 |

# A - Keyed Hollow Shaft
# AVL2/3/4 - Agitator & Drywell Hollow Shaft

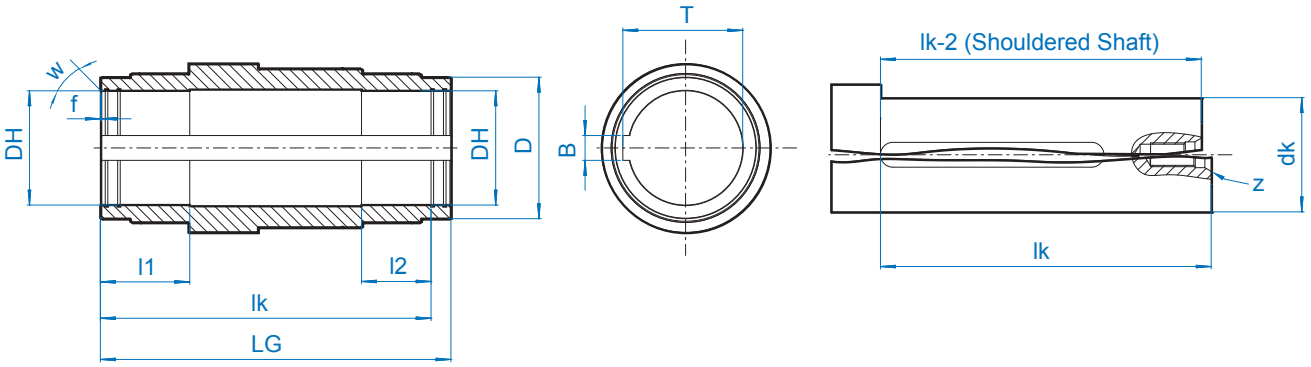
## A - Keyed Hollow Shaft & Customer Shaft Detail




| | ø DH H7 | LG | ø dk h6 | lk | lk-2 | l1 | l2 | ø D | f | w | B | T | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 105 | 385 | 105 | 355 | 353 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 6.07** | 105 | 385 | 105 | 355 | 353 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 7.07** | 125 | 394 | 125 | 359 | 357 | 100 | 65 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 8.07** | 125 | 394 | 125 | 359 | 357 | 100 | 65 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 9.07** * | 160 (145) | 506 | 160 | 486 | 484 | 130 | 95 | 220 | 2 | 30 | 40 | 169,4 | M30 |
| **SK 10.07** * | 160 (145) | 506 | 160 | 486 | 484 | 130 | 95 | 220 | 2 | 30 | 40 | 169,4 | M30 |
| **SK 11.07** | 170 | 560 | 170 | 525 | 523 | 140 | 105 | 240 | 2 | 30 | 40 | 179,4 | M30 |
| **SK 12.07** | 190 | 630 | 190 | 595 | 593 | 160 | 125 | 250 | 2 | 30 | 45 | 200,4 | M30 |
| **SK 13.07** | 230 | 706 | 230 | 666 | 664 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M36 |
| **SK 14.07** | 230 | 766 | 230 | 726 | 724 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M36 |
| **SK 15.07** | 250 | 790 | 250 | 745 | 743 | 200 | 155 | 320 | 2 | 30 | 56 | 262,4 | M36 |

* with option DRY max ø 145

## AVL2/3/4 - Agitator & Drywell - Hollow Shaft



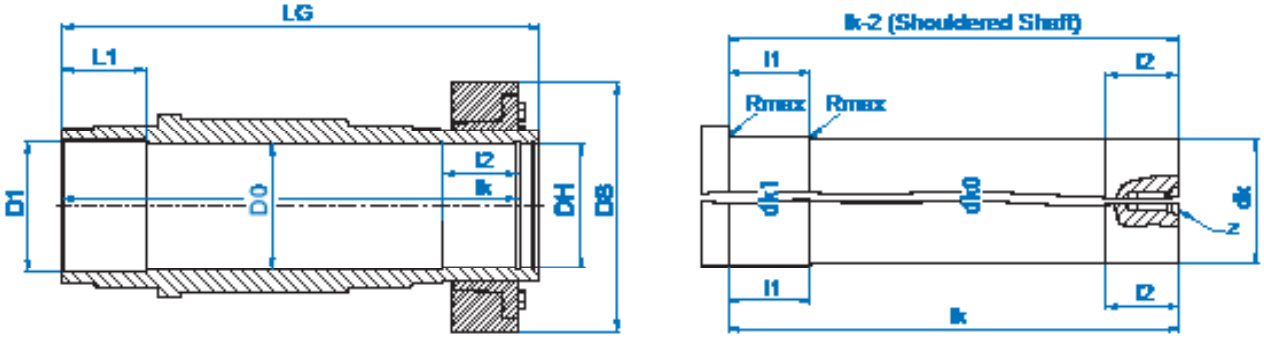

| | ø DH H7 | LG | ø dk h6 | lk | lk-2 | l1 | l2 | ø D | f | w | B | T | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 105 | 594 | 105 | 564 | 562 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 6.07** | 105 | 594 | 105 | 564 | 562 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 7.07** | 125 | 682 | 125 | 647 | 645 | 100 | 80 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 8.07** | 125 | 682 | 125 | 647 | 645 | 100 | 80 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 9.07** | 130 | 770,5 | 130 | 745,5 | 743,5 | 110 | 80 | 220 | 2 | 30 | 40 | 169,4 | M24 |
| **SK 10.07** | 130 | 770,5 | 130 | 745,5 | 743,5 | 110 | 80 | 220 | 2 | 30 | 40 | 169,4 | M24 |
| **SK 11.07** | 170 | 730 | 170 | 695 | 693 | 140 | 105 | 240 | 2 | 30 | 40 | 179,4 | M30 |
| **SK 12.07** | 190 | 800 | 190 | 765 | 763 | 160 | 125 | 250 | 2 | 30 | 45 | 200,4 | M30 |
| **SK 13.07** | 230 | 896 | 230 | 856 | 854 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M36 |
| **SK 14.07** | 230 | 956 | 230 | 916 | 914 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M36 |
| **SK 15.07** | 250 | 1040 | 250 | 995 | 993 | 200 | 155 | 320 | 2 | 30 | 56 | 262,4 | M36 |



For Tolerance Info See ⇨ 48

# AS - Shrink Disc with Hollow Shaft
# ASVL2/3/4 - Agitator & Drywell-Hollow Shaft with Shrink Disc

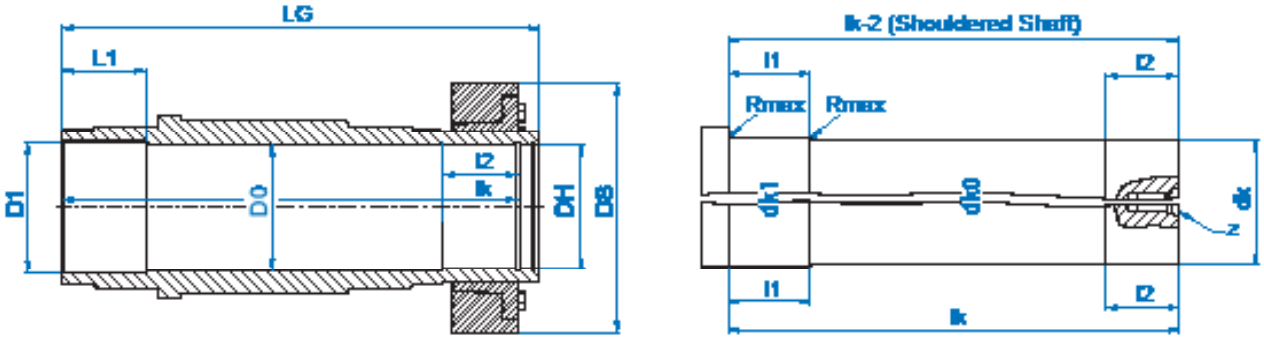
## AS - Shrink Disc Hollow Shaft




| | ø DH H7 | ø D0 | ø D1 | L1 | ø DS | LG | ø dk1 h8 | ø dk0 | ø dk | lk | lk-2 | l1 | l2 | Rmax | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 110 | 110,5 | 110 | 85 | 230 | 458 | 110 | 110 | 110 h6 | 448 | 446 | 80 | 63 | 3 | M24 |
| **SK 6.07** | 110 | 110,5 | 110 | 85 | 230 | 458 | 110 | 110 | 110 h6 | 448 | 446 | 80 | 63 | 3 | M24 |
| **SK 7.07** | 125 | 125,5 | 125 | 90 | 290 | 484 | 125 | 125 | 125 h6 | 465 | 463 | 100 | 66 | 3 | M24 |
| **SK 8.07** | 125 | 125,5 | 125 | 90 | 290 | 484 | 125 | 125 | 125 h6 | 465 | 463 | 100 | 66 | 3 | M24 |
| **SK 9.07** * | 160 (145) | 160,5 | 160 | 110 | 320 | 628 | 160 | 160 | 160 h6 | 596 | 594 | 110 | 85 | 3 | M30 |
| **SK 10.07*** | 160 (145) | 160,5 | 160 | 110 | 320 | 628 | 160 | 160 | 160 h6 | 596 | 594 | 110 | 85 | 3 | M30 |
| **SK 11.07** | 170 | 172 | 180 | 125 | 370 | 690 | 180 | 170 | 170 g6 | 658 | 656 | 125 | 105 | 5 | M30 |
| **SK 12.07** | 190 | 192 | 200 | 135 | 405 | 770 | 200 | 190 | 190 g6 | 736 | 734 | 130 | 120 | 5 | M30 |
| **SK 13.07** | 230 | 232 | 240 | 155 | 460 | 880 | 240 | 230 | 230 g6 | 838 | 836 | 150 | 135 | 5 | M36 |
| **SK 14.07** | 230 | 232 | 240 | 155 | 460 | 940 | 240 | 230 | 230 g6 | 898 | 896 | 150 | 135 | 5 | M36 |
| **SK 15.07** | 250 | 252 | 260 | 175 | 485 | 970 | 260 | 250 | 250 g6 | 928 | 926 | 175 | 150 | 5 | M36 |

* to Option DRY max. ø145

## ASVL2/3/4 - Agitator & Drywell - Hollow Shaft with Shrink Disc

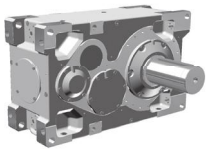



| | ø DH H7 | ø D0 | ø D1 | L1 | ø DS | LG | ø dk1 h8 | ø dk0 | ø dk | lk | lk2 | l1 | l2 | Rmax | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 110 | 110,5 | 110 | 85 | 230 | 667 | 110 | 110 | 110 h6 | 657 | 655 | 80 | 65 | 3 | M24 |
| **SK 6.07** | 110 | 110,5 | 110 | 85 | 230 | 667 | 110 | 110 | 110 h6 | 657 | 655 | 80 | 65 | 3 | M24 |
| **SK 7.07** | 125 | 125,5 | 125 | 90 | 300 | 767 | 125 | 125 | 125 h6 | 752 | 750 | 100 | 65 | 3 | M24 |
| **SK 8.07** | 125 | 125,5 | 125 | 90 | 300 | 767 | 125 | 125 | 125 h6 | 752 | 750 | 100 | 65 | 3 | M24 |
| **SK 9.07** | 130 | 160,5 | 160 | 110 | 320 | 889,5 | 160 | 160 | 160 h6 | 854,5 | 852,5 | 110 | 82 | 3 | M36 |
| **SK 10.07** | 130 | 160,5 | 160 | 110 | 320 | 889,5 | 160 | 160 | 160 h6 | 854,5 | 852,5 | 110 | 82 | 3 | M36 |
| **SK 11.07** | 170 | 172 | 180 | 125 | 370 | 860 | 180 | 170 | 170 g6 | 835 | 833 | 125 | 105 | 5 | M36 |
| **SK 12.07** | 190 | 192 | 200 | 135 | 405 | 940 | 200 | 190 | 190 g6 | 926 | 924 | 130 | 120 | 5 | M36 |
| **SK 13.07** | 230 | 232 | 240 | 155 | 460 | 1070 | 240 | 230 | 230 g6 | 1034 | 1032 | 155 | 135 | 5 | M48 |
| **SK 14.07** | 230 | 232 | 240 | 155 | 460 | 1126 | 240 | 230 | 230 g6 | 1084 | 1082 | 155 | 135 | 5 | M48 |
| **SK 15.07** | 250 | 252 | 260 | 175 | 485 | 1220 | 260 | 250 | 250 g6 | 1194 | 1192 | 170 | 150 | 5 | M48 |

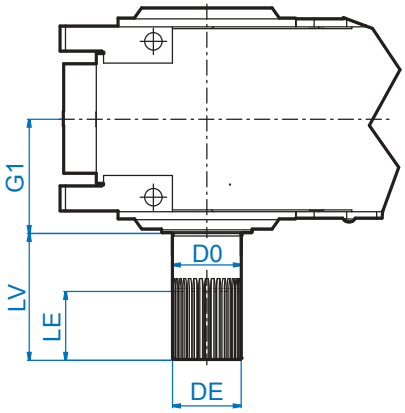


For Tolerance Info See ⇨ 48

# EV - Splined Solid Shaft
# EA - Splined Hollow Shaft



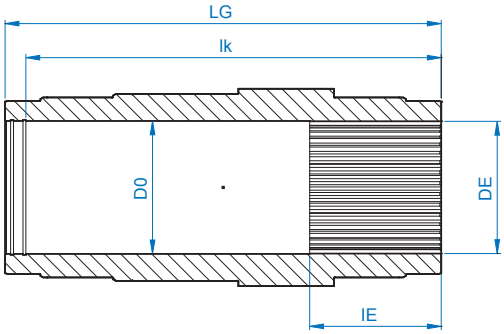
## EV - Splined Solid Shaft




**Other cover sizes available upon request**

| | DE | LE | G1 | LV | ø D0 |
|---|---|---|---|---|---|
| **SK 5.07** | W 100 x 5 x 30 x 18 - DIN 5480 | 85 | 192,5 | 210 | 100 |
| **SK 6.07** | W 100 x 5 x 30 x 18 - DIN 5480 | 85 | 192,5 | 210 | 100 |
| **SK 7.07** | W 130 x 5 x 30 x 24 - DIN 5480 | 85 | 197 | 250 | 130 |
| **SK 8.07** | W 130 x 5 x 30 x 24 - DIN 5480 | 85 | 197 | 250 | 130 |
| **SK 9.07** | W 140 x 3 x 30 x 45 - DIN 5480 | 100 | 253 | 300 | 140 |
| **SK 10.07** | W 140 x 3 x 30 x 45 - DIN 5480 | 100 | 253 | 300 | 140 |
| **SK 11.07** | W 170 x 5 x 30 x 32 - DIN 5480 | 160 | 280 | 300 | 170 |
| **SK 12.07** | W 190 x 5 x 30 x 36 - DIN 5480 | 190 | 315 | 350 | 190 |
| **SK 13.07** | W 220 x 5 x 30 x 42 - DIN 5480 | 215 | 353 | 410 | 220 |
| **SK 14.07** | W 220 x 5 x 30 x 42 - DIN 5480 | 215 | 353 | 410 | 220 |
| **SK 15.07** | W 250 x 5 x 30 x 48 - DIN 5480 | 245 | 395 | 410 | 250 |

## EA - Splined Hollow Shaft

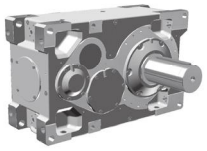



| | DE | LE | LG | ø D0 | lk |
|---|---|---|---|---|---|
| **SK 5.07** | N 100 x 5 x 30 x 18 - DIN 5480 | 85 | 385 | 100 | 355 |
| **SK 6.07** | N 100 x 5 x 30 x 18 - DIN 5480 | 85 | 385 | 100 | 355 |
| **SK 7.07** | N 130 x 5 x 30 x 24 - DIN 5480 | 85 | 394 | 130 | 374 |
| **SK 8.07** | N 130 x 5 x 30 x 24 - DIN 5480 | 85 | 394 | 130 | 374 |
| **SK 9.07** * | N 140 x 3 x 30 x 45 - DIN 5480 | 100 | 506 | 140 | 476 |
| **SK 10.07*** | N 140 x 3 x 30 x 45 - DIN 5480 | 100 | 506 | 140 | 476 |
| **SK 11.07** | N 170 x 5 x 30 x 32 - DIN 5480 | 160 | 560 | 170 | 525 |
| **SK 12.07** | N 190 x 5 x 30 x 36 - DIN 5480 | 190 | 630 | 190 | 595 |
| **SK 13.07** | N 220 x 5 x 30 x 42 - DIN 5480 | 215 | 706 | 220 | 666 |
| **SK 14.07** | N 220 x 5 x 30 x 42 - DIN 5480 | 215 | 706 | 220 | 666 |
| **SK 15.07** | N 250 x 5 x 30 x 48 - DIN 5480 | 245 | 790 | 250 | 745 |

* Deviating dimensions with option DRY, please contact NORD DRIVESYSTEMS.

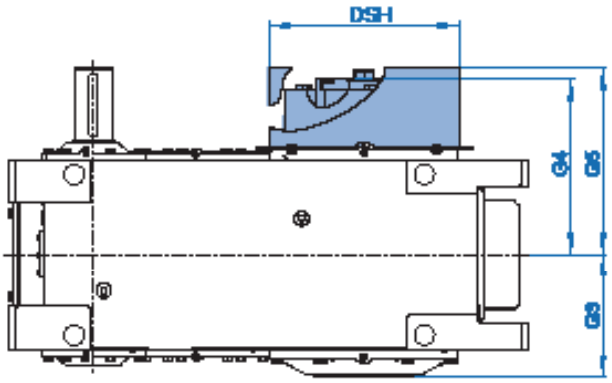


For Tolerance Info See ⇨ 48



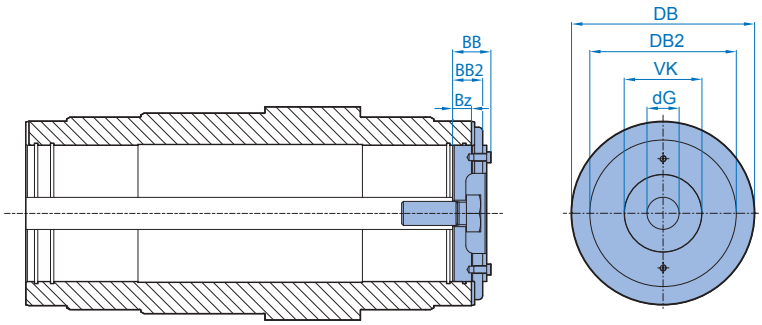
# H/H66 - Hollow Shaft/Shrink Disc/IP66 Cover B - Fixing Kit

## H/H66 - Hollow Shaft/Shrink Disc/ IP66 cover

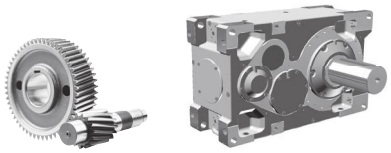



| | ø DSH | G3 | G4 | G5 |
|---|---|---|---|---|
| **SK 5.07** | 258 | 192,5 | 255,5 | 287,5 |
| **SK 6.07** | 258 | 192,5 | 255,5 | 287,5 |
| **SK 7.07** | 319 | 199 | 286 | 308 |
| **SK 8.07** | 319 | 199 | 286 | 308 |
| **SK 9.07** | 453 | 253 | 373 | 393 |
| **SK 10.07** | 453 | 253 | 373 | 393 |
| **SK 11.07** | 460 | 280 | 410 | 440 |
| **SK 12.07** | 500 | 315 | 455 | 480 |
| **SK 13.07** | 550 | 353 | 527 | 555 |
| **SK 14.07** | 550 | 383 | 557 | 585 |
| **SK 15.07** | 630 | 395 | 575 | 605 |

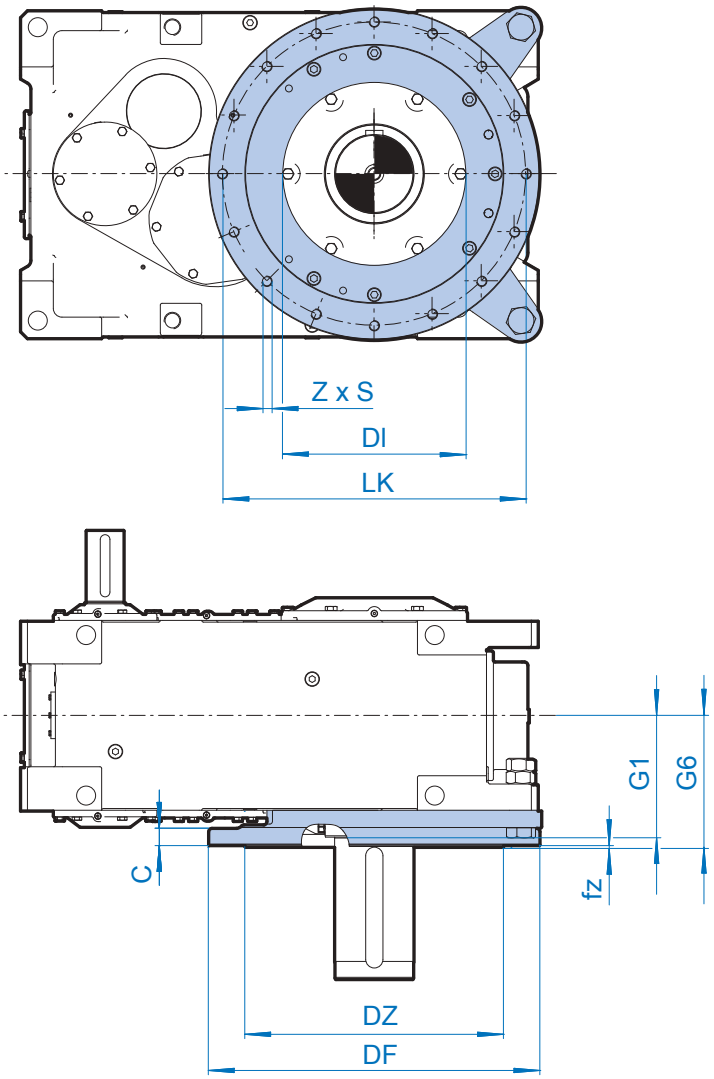
## B - Fixing Kit



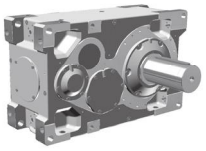

| | ø DB | ø DB2 | ø VK | BB | BB2 | Bz | ø dG |
|---|---|---|---|---|---|---|---|
| **SK 5.07** | 135 | 124,8 | 62 | 30,0 | 30,0 | 10,0 | 26 (M24) |
| **SK 6.07** | 135 | 124,8 | 62 | 30,0 | 30,0 | 10,0 | 26 (M24) |
| **SK 7.07** | 155 | 124,8 | 49 | 27,0 | 22,0 | 10,0 | 26 (M24) |
| **SK 8.07** | 155 | 124,8 | 49 | 27,0 | 22,0 | 10,0 | 26 (M24) |
| **SK 9.07** | 215 | 159,8 | 100 | 42,5 | 27,5 | 15,5 | 39 (M36) |
| **SK 10.07** | 215 | 159,8 | 100 | 42,5 | 27,5 | 15,5 | 39 (M36) |
| **SK 11.07** | 215 | 169,8 | 100 | 42,5 | 37,5 | 27,5 | 39 (M36) |
| **SK 12.07** | 235 | 189,8 | 100 | 44,5 | 39,5 | 29,5 | 39 (M36) |
| **SK 13.07** | 275 | 229,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |
| **SK 14.07** | 275 | 229,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |
| **SK 15.07** | 295 | ø 249,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |



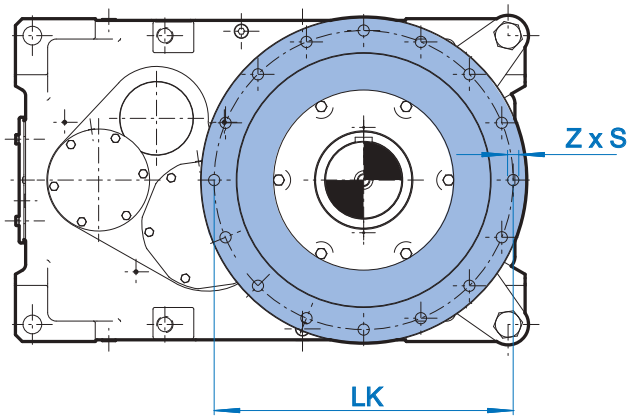
## F - Low Output Flange

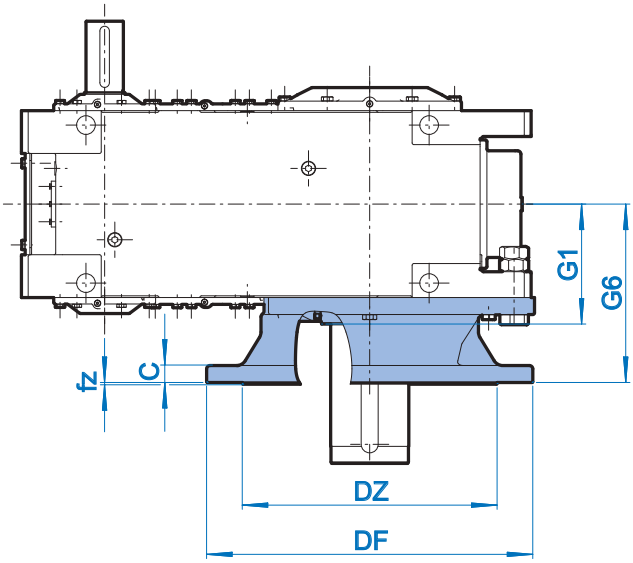



| | ø DF | G1 | G6 | ø LK | ø DZ | ø DI | c | fz | z | s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | M16 |
| **SK 6.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | M16 |
| **SK 7.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | M16 |
| **SK 8.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | M16 |
| **SK 9.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | M24 |
| **SK 10.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | M24 |
| **SK 11.07** | 730 | 280 | 300 | 680 | 580 | 420 | 40 | 5 | 12 | M24 |
| **SK 12.07** | 840 | 315 | 304 | 760 | 650 | 470 | 50 | 5 | 12 | M30 |
| **SK 13.07** | 960 | 353 | 375 | 880 | 750 | 530 | 50 | 5 | 16 | M30 |
| **SK 14.07** | 960 | 383 | 405 | 880 | 750 | 530 | 50 | 5 | 16 | M30 |
| **SK 15.07** | 1100 | 395 | 435 | 980 | 900 | 600 | 60 | 10 | 16 | M36 |



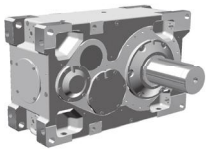
## FK - High Output Flange



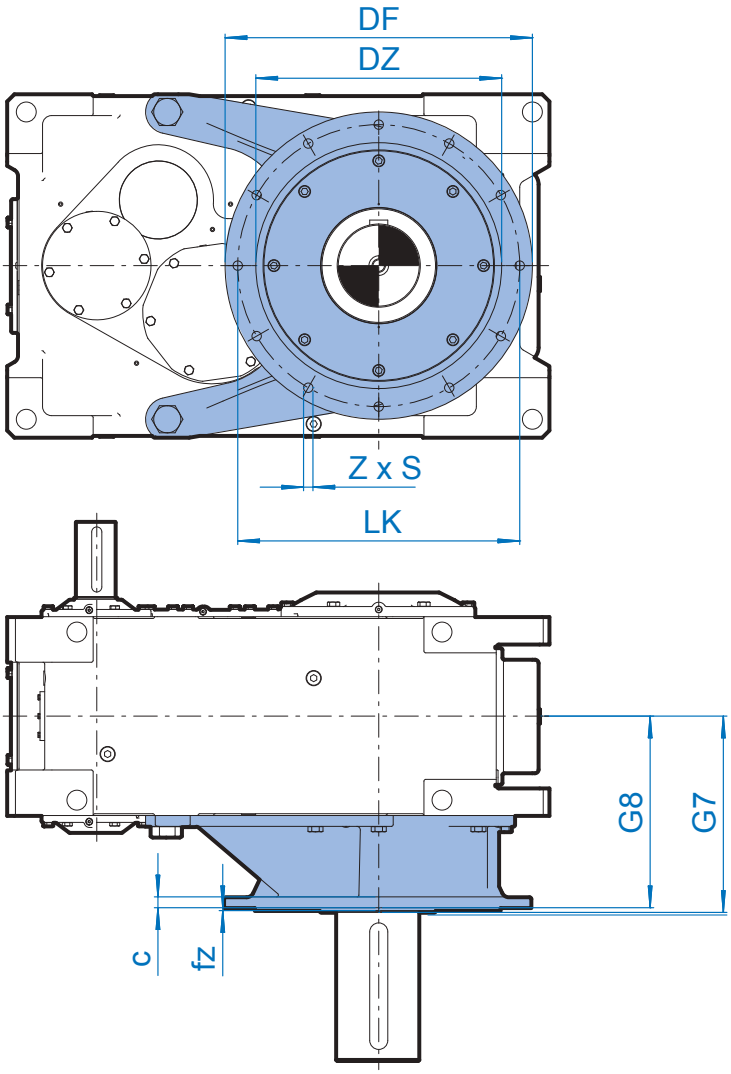



| | ø DF | G1 | G6 | ø LK | ø DZ | ø DI | c | fz | z | ø s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | 17,5 |
| **SK 6.07** | 450 | 192,5 | 234,5 | 400 | 350 | 259 | 22 | 5 | 8 | 17,5 |
| **SK 7.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | 17,5 |
| **SK 8.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | 17,5 |
| **SK 9.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | 26 |
| **SK 10.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | 26 |
| **SK 11.07** | 730 | 280 | 420 | 680 | 560 | 420 | 40 | 5 | 12 | 26 |
| **SK 12.07** | 840 | 315 | 470 | 760 | 650 | 470 | 35 | 5 | 12 | 33 |
| **SK 13.07** | 960 | 353 | 525 | 880 | 750 | 530 | 50 | 5 | 16 | 33 |
| **SK 14.07** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SK 15.07** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

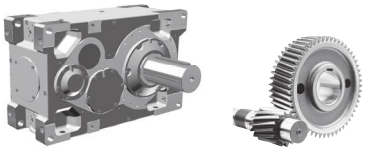




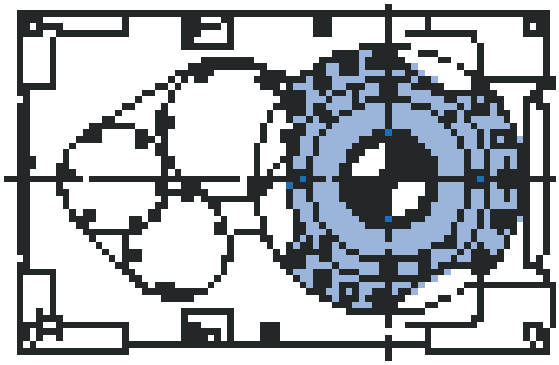
## FVL2/FVL3/FVL4 - Agitator & Drywell Flange

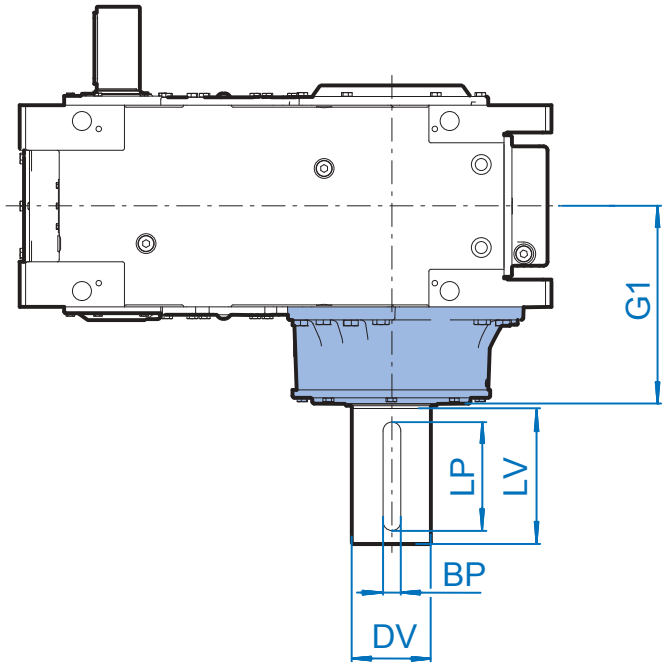



| | G7 | G8 | ø DF | ø DZ | ø LK | fz | c | z | s |
|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 401,5 | 396,5 | 550 | 450 | 500 | 5 | 29,5 | 8 | 17,5 |
| **SK 6.07** | 401,5 | 396,5 | 550 | 450 | 500 | 5 | 29,5 | 8 | 17,5 |
| **SK 7.07** | 485 | 477 | 660 | 550 | 600 | 6 | 28,5 | 8 | 22 |
| **SK 8.07** | 485 | 477 | 660 | 550 | 600 | 6 | 28,5 | 8 | 22 |
| **SK 9.07** | 517,5 | 509,5 | 660 | 550 | 600 | 8 | 35 | 8 | 26 |
| **SK 10.07** | 517,5 | 509,5 | 660 | 550 | 600 | 8 | 35 | 8 | 26 |
| **SK 11.07** | 450 | 440 | 675 | 540 | 620 | 5 | 40 | 10 | 22 |
| | 465 | 455 | 760 | 600 | 700 | 5 | 50 | 12 | 22 |
| **SK 12.07** | 485 | 470 | 760 | 600 | 700 | 5 | 50 | 12 | 22 |
| **SK 13.07** | 543 | 530 | 850 | 680 | 780 | 5 | 50 | 12 | 26 |
| **SK 14.07** | 575 | 560 | 850 | 680 | 780 | 5 | 50 | 12 | 26 |
| **SK 15.07** | 645 | 630 | 1000 | 800 | 930 | 8 | 60 | 16 | 33 |

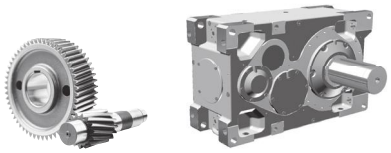


## VL6 - Agitator Without Flange

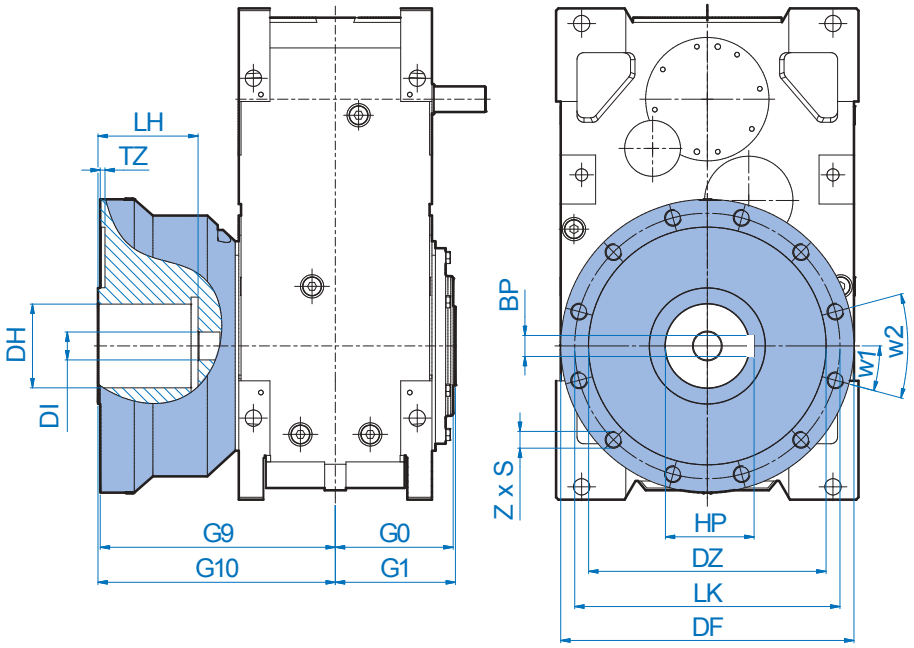





| | G1 | LV | ø DV | LP | BP |
|---|---|---|---|---|---|
| **SK 5.07** | 401,5 | 210 | 120 | 180 | 32 |
| **SK 6.07** | 401,5 | 210 | 120 | 180 | 32 |
| **SK 7.07** | 485 | 250 | 140 | 200 | 36 |
| **SK 8.07** | 485 | 250 | 140 | 200 | 36 |
| **SK 9.07** | 517,5 | 300 | 160 | 260 | 40 |
| **SK 10.07** | 517,5 | 300 | 160 | 260 | 40 |
| **SK 11.07** | 450 | 300 | 170 | 260 | 40 |
| **SK 12.07** | 505 | 350 | 200 | 300 | 45 |
| **SK 13.07** | 542 | 410 | 230 | 350 | 50 |
| **SK 14.07** | 572 | 410 | 250 | 360 | 56 |
| **SK 15.07** | 645 | 410 | 250 | 360 | 56 |

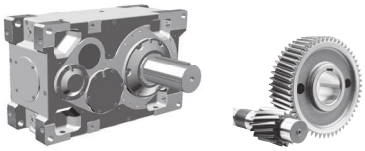




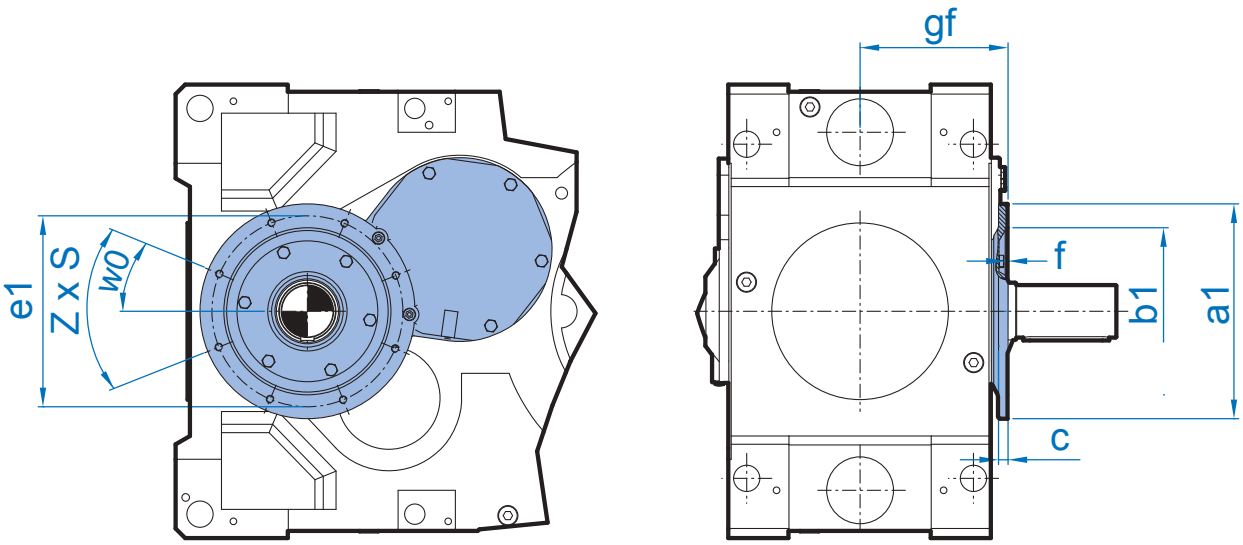




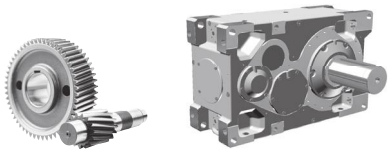

| | Bearing type APRL | BP | DF | DH | DI | DZ | G0 | G1 | G9 | G10 | HP | LH | LK | Z | S | TZ | w1 | w2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5.07<br>SK 6.07 | 29 432 | 28 | 470 | 100 | 60 | 390 | 207,5 | 212,5 | 408,5 | 413,5 | 106,4 | 170 | 430 | 8 | M30x50 | 10 | 22,5 | 45 |
| | 29 436 | 32 | 470 | 120 | 60 | 390 | 207,5 | 212,5 | 408,5 | 413,5 | 127,4 | 170 | 430 | 8 | M30x50 | 10 | 22,5 | 45 |
| SK 7.07<br>SK 8.07 | 29 436 | 32 | 560 | 120 | 60 | 460 | 210 | 215 | 450 | 455 | 127,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 440 | 32 | 560 | 130 | 60 | 460 | 210 | 215 | 450 | 455 | 137,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 444 | 36 | 560 | 150 | 60 | 460 | 210 | 215 | 450 | 455 | 158,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| SK 9.07<br>SK10..07 | 29 440 | 32 | 560 | 130 | 60 | 460 | 253 | 258 | 482,5 | 487,5 | 137,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 444 | 36 | 560 | 150 | 60 | 460 | 253 | 258 | 482,5 | 487,5 | 158,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 452 | 45 | 630 | 180 | 60 | 510 | 253 | 258 | 505 | 510 | 190,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| SK 11..y07 | 29 452 | 45 | 630 | 180 | 60 | 510 | 268 | 273 | 510 | 515 | 190,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 456 | 45 | 680 | 200 | 60 | 550 | 268 | 273 | 528 | 533 | 210,4 | 300 | 615 | 12 | M36x58 | 10 | 15 | 30 |



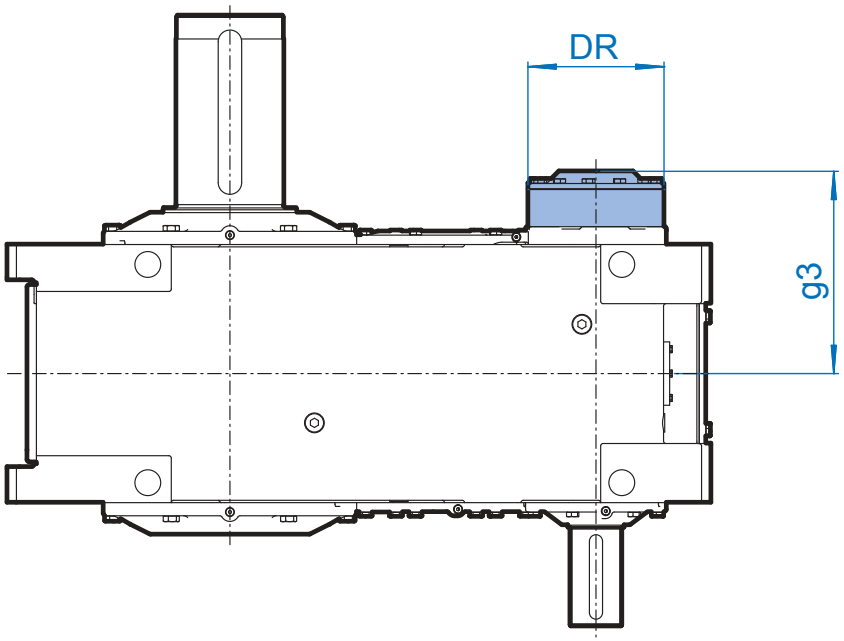
## F1 - Input Flange




| | gf | ø a1 | ø b1 | ø e1 | c | f | w0° | z x s |
|---|---|---|---|---|---|---|---|---|
| **SK 5..07** | 200,5 | 300 | 230 | 265 | 20 | 6 | 22,5 | 8 x M12 |
| **SK 6..07** | 200,5 | 300 | 230 | 265 | 20 | 6 | 22,5 | 8 x M12 |
| **SK 7..07** | 203,5 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 8..07** | 203,5 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 9..07** | 236 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 10..07** | 236 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 11..07** | 255 | 450 | 350 | 400 | 20 | 6,5 | 22,5 / 27,5 | 8 x M16 |
| **SK 12..07** | 290 | 550 | 450 | 500 | 25 | 6,5 | 21,5 | 8 x M16 |
| **SK 13..07** | 315 | 550 | 450 | 500 | 25 | 6,5 | 23 | 8 x M16 |
| **SK 14..07** | 345 | 550 | 450 | 500 | 25 | 6,5 | 23 | 8 x M16 |
| **SK 15..07** | 370 | 550 | 450 | 500 | 25 | 6,5 | 24 | 8 x M16 |

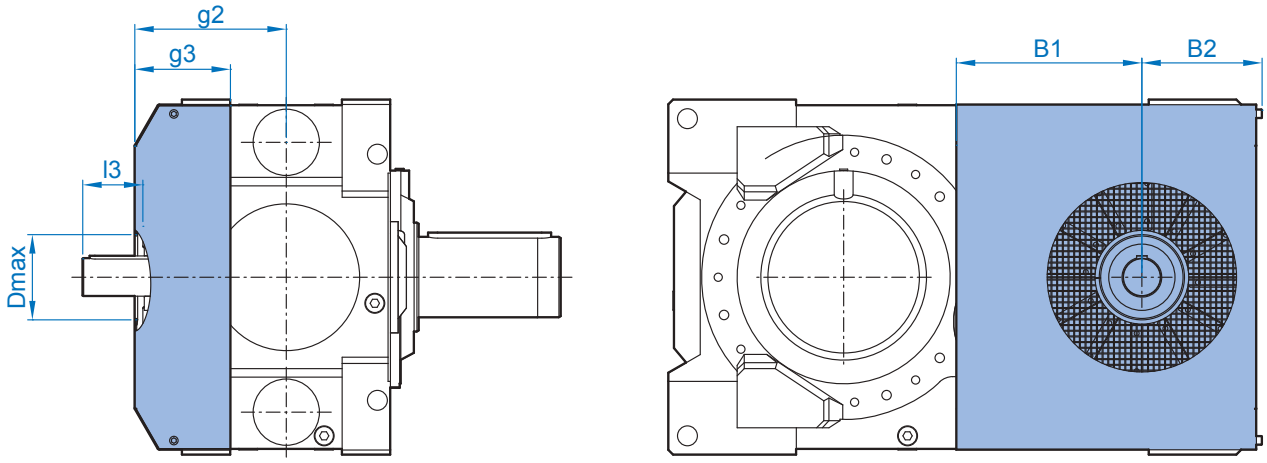


## R - Backstop



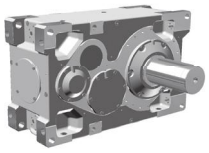

| | $i_N$ - Ratio | ø DR | g3 |
|---|---|---|---|
| **SK 5207** | 18 - 100 | 175 | 283 |
| **SK 5307** | 102 - 180 | 140 | 265,5 |
| **SK 6207** | 20 - 112 | 175 | 283 |
| **SK 6307** | 125 - 200 | 140 | 265,5 |
| **SK 7207** | 7,1 - 25 | 190 | 295 |
| **SK 7307** | 28,0 - 160 | 175 | 288 |
| **SK 8207** | 8,0 - 28 | 190 | 295 |
| **SK 8307** | 31,5 - 180 | 175 | 288 |
| **SK 9207** | 7,1 - 25 | 210 | 329,5 |
| **SK 9307** | 28,0 - 180 | 190 | 326,5 |
| **SK 10207** | 8,0 - 28 | 210 | 329,5 |
| **SK 10307** | 28,0 - 200 | 190 | 326,5 |
| **SK 11207** | 5,6 - 20 | 245 | 360 |
| **SK 11307** | 31,5 - 112 | 190 | 340 |
| | 22,4 - 28 | 210 | 350 |
| **SK 12207** | 5,6 - 20 | 290 | 415 |
| **SK 12307** | 22,4 - 112 | 210 | 385 |
| **SK 13207** | 5,6 - 20 | 290 | 431 |
| **SK 13307** | 22,4 - 112 | 210 | 410 |
| **SK 14207** | 7,1 - 25 | 310 | 470 |
| **SK 14307** | 28,0 - 140 | 210 | 445 |
| **SK 15207** | 5,6 - 20 | 400 | 510 |
| **SK 15307** | 22,4 - 112 | 290 | 485 |

## FAN - Fan

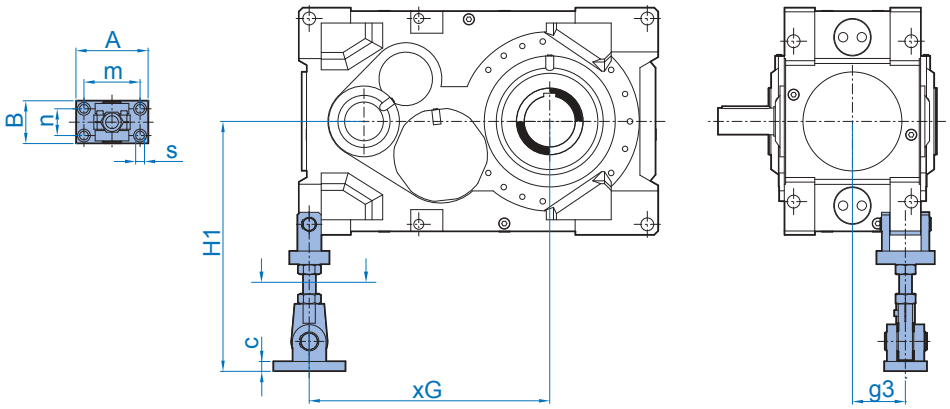



| | $i_N$ - Ratio | B1 | B2 | g2 | g3 | l3 | ø Dmax |
|---|---|---|---|---|---|---|---|
| **SK 5207** | 7,1 - 25 | 175 | 145 | 145 | 80 | 78 | 110 (180) |
| **SK 5307** | 28,0 - 355 | 175 | 145 | 145 | 80 | 78 | 110 (180) |
| **SK 6207** | 8,0 - 28 | 175 | 145 | 145 | 80 | 78 | 110 (180) |
| **SK 6307** | 31,5 - 400 | 175 | 145 | 145 | 80 | 78 | 110 (180) |
| **SK 7207** | 7,1 - 25 | 150 | 147 | 225 | 120 | 74 | 130 |
| **SK 7307** | 28,0 - 355 | 150 | 147 | 225 | 120 | 74 | 130 |
| **SK 8207** | 8,0 - 28 | 150 | 147 | 257,5 | 120 | 74 | 130 |
| **SK 8307** | 31,5 - 400 | 150 | 147 | 257,5 | 120 | 74 | 130 |
| **SK 9207** | 7,1 - 25 | 195 | 195 | 287,5 | 132 | 85 | 130 |
| **SK 9307** | 28,0 - 355 | 195 | 195 | 287,5 | 132 | 85 | 130 |
| **SK 10207** | 8,0 - 28 | 195 | 195 | 338 | 132 | 83 | 130 |
| **SK 10307** | 28,0 - 280 | 195 | 195 | 338 | 132 | 83 | 130 |
| **SK 11207** | 5,6 - 20 | 390 | 252 | 307 | 189 | 133 | 160 |
| **SK 11307** | 22,4 - 112 | 390 | 252 | 307 | 189 | 103 | 160 |
| **SK 12207** | 5,6 - 20 | 430 | 287 | 358 | 217 | 158 | 180 |
| **SK 12307** | 22,4 - 112 | 430 | 287 | 358 | 217 | 118 | 180 |
| **SK 13207** | 5,6 - 20 | 490 | 317 | 392 | 243 | 158 | 200 |
| **SK 13307** | 22,4 - 112 | 490 | 317 | 392 | 243 | 118 | 200 |
| **SK 14207** | 7,1 - 25 | 320 | 310 | 433 | 150 | 158 | 200 |
| **SK 14307** | 28,0 - 140 | 320 | 310 | 433 | 150 | 118 | 200 |
| **SK 15207** | 5,6 - 20 | 580 | 362 | 450 | 275 | 178 | 240 |
| **SK 15307** | 22,4 - 45 | 580 | 362 | 450 | 275 | 173 | 240 |
| | 50,0 - 112 | 580 | 362 | 450 | 275 | 103 | 240 |

# D - Torque Support
# ED - Elastic Torque Support

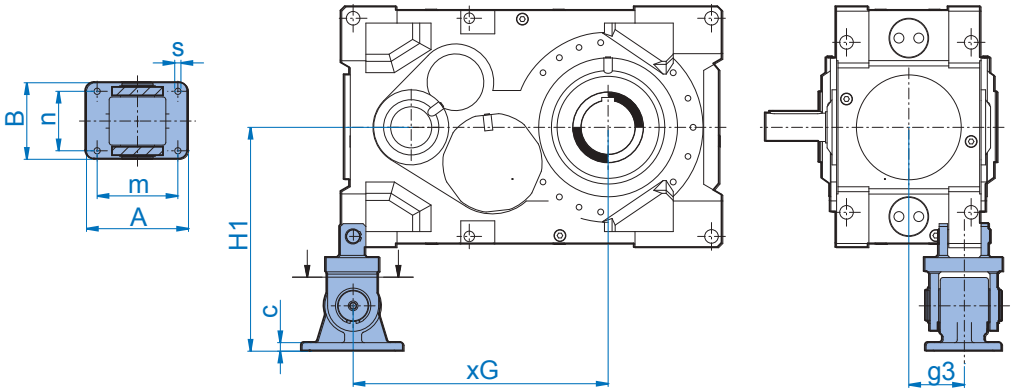


## D - Torque Support



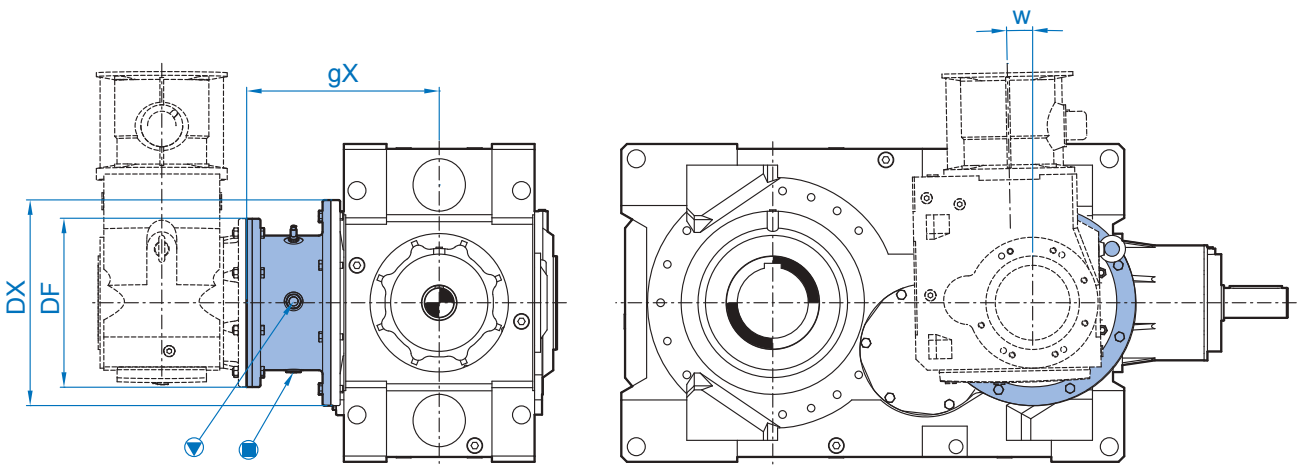

| | H1max | H1min | xG | g3 | c | A | B | m | n | s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 615 | 595 | 475 | 148,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 6.07** | 615 | 595 | 500 | 148,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 7.07** | 645 | 625 | 550 | 150,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 8.07** | 685 | 665 | 575 | 150,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 9.07** | 715 | 675 | 692,5 | 174 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 10.07** | 765 | 725 | 722,5 | 174 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 11.07** | 865 | 825 | 800 | 165 | 29 | 240 | 220 | 180 | 160 | 22 |
| **SK 12.07** | 935 | 895 | 900 | 195 | 29 | 290 | 250 | 220 | 180 | 26 |
| **SK 13.07** | 990 | 950 | 1005 | 210 | 29 | 290 | 250 | 220 | 180 | 26 |
| **SK 14.07** | 1080 | 1050 | 1060 | 240 | 39 | 330 | 300 | 250 | 220 | 33 |
| **SK 15.07** | 1120 | 1080 | 1200 | 247,5 | 39 | 330 | 300 | 250 | 220 | 33 |

## ED - Elastic Torque Support



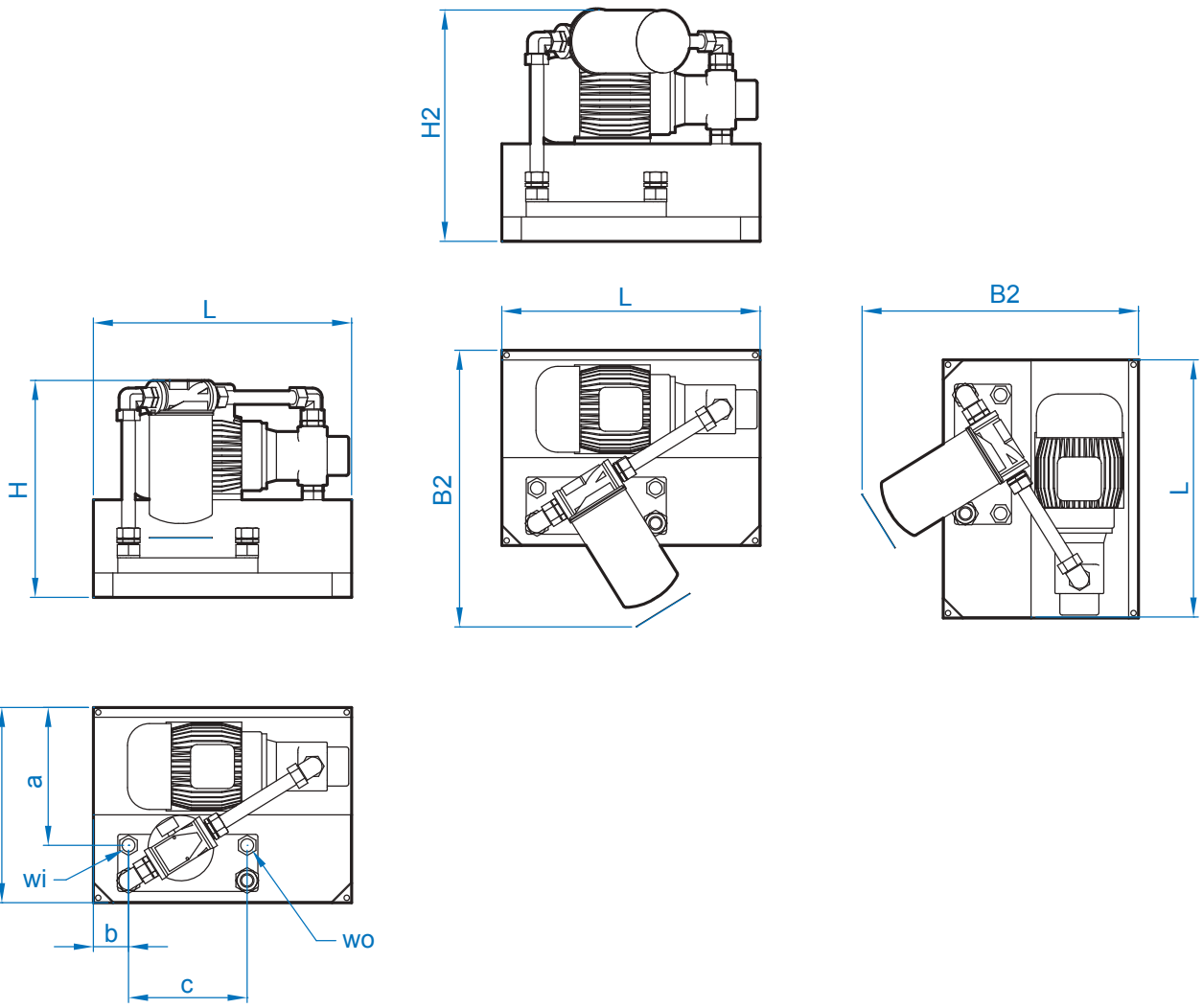

| | H1 | xG | g3 | c | A | B | m | n | s |
|---|---|---|---|---|---|---|---|---|---|
| **SK 5..07** | 460 | 475 | 148,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 6..07** | 460 | 500 | 148,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 7..07** | 490 | 550 | 150,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 8..07** | 530 | 575 | 150,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 9..07** | 655 | 692,5 | 174 | 25 | 260 | 200 | 190 | 140 | 22 |
| **SK 10..07** | 705 | 722,5 | 174 | 25 | 260 | 200 | 190 | 140 | 22 |
| **SK 11..07** | 740 | 800 | 167,5 | 30 | 360 | 270 | 285 | 210 | 22 |
| **SK 12..07** | 790 | 900 | 196 | 30 | 360 | 270 | 285 | 210 | 22 |
| **SK 13..07** | 890 | 1005 | 210 | 40 | 400 | 320 | 310 | 230 | 33 |
| **SK 14..07** | 940 | 1060 | 240 | 40 | 400 | 320 | 310 | 230 | 33 |
| **SK 15..07** | 980 | 1200 | 245,5 | 40 | 400 | 320 | 310 | 230 | 33 |

## WX - Auxillary Drive

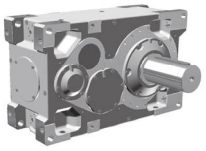



| | | ø DX | ø DF | gX | w |
|---|---|---|---|---|---|
| SK 5..07 | SK 9022.1 VF | 300 | 250 | 345,5 | 0° |
| | SK 9032.1 VF | 300 | 250 | 345,5 | 0° |
| SK 6..07 | SK 9022.1 VF | 300 | 250 | 345,5 | 0° |
| | SK 9032.1 VF | 300 | 250 | 345,5 | 0° |
| SK 7..07 | SK 9022.1 VF | 350 | 250 | 371,5 | 0° |
| | SK 9042.1 VF | 350 | 350 | 371,5 | 0° |
| SK 8..07 | SK 9022.1 VF | 350 | 250 | 371,5 | 0° |
| | SK 9042.1 VF | 350 | 350 | 371,5 | 0° |
| SK 9..07 | SK 9032.1 VF | 350 | 250 | 404 | 0° |
| | SK 9042.1 VF | 350 | 350 | 404 | 0° |
| SK 10..07 | SK 9032.1 VF | 350 | 250 | 404 | 0° |
| | SK 9042.1 VF | 350 | 350 | 404 | 0° |
| SK 11..07 | SK 9052.1 VF | 450 | 450 | 465 | 0° |
| | SK 9072.1 VF | 450 | 450 | 445 | 0° |
| SK 12..07 | SK 9072.1 VF | 550 | 450 | 545 | 0° |
| | SK 9082.1 VF | 550 | 450 | 515 | 0° |
| SK 13..07 | SK 9072.1 VF | 550 | 450 | 565 | 0° |
| | SK 9082.1 VF | 550 | 450 | 535 | 0° |
| SK 14..07 | SK 9072.1 VF | 550 | 450 | 595 | 0° |
| | SK 9082.1 VF | 550 | 450 | 565 | 0° |
| SK 15..07 | SK 9082.1 VF | 550 | 550 | 655 | 0° |
| | SK 9092.1 VF | 550 | 660 | 620 | 0° |

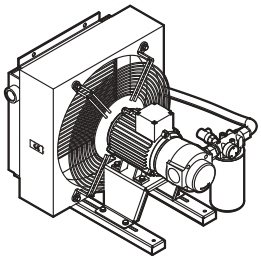
## CS1 - Water Cooler

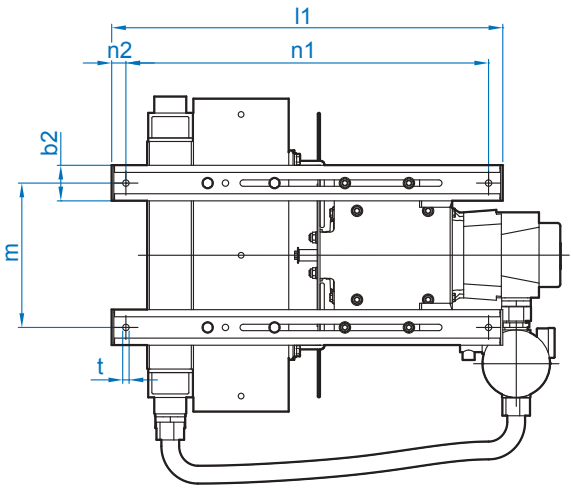


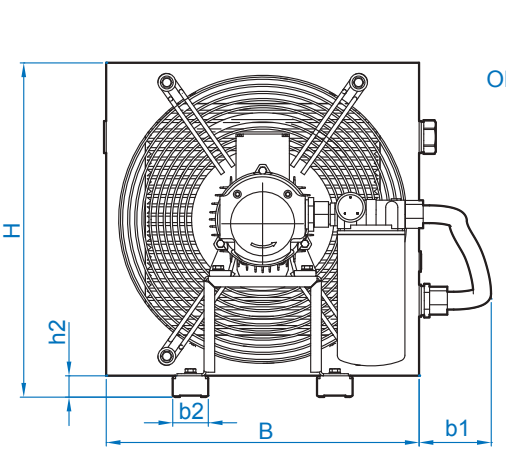

| | L | B | B2 | H | H2 | a | b | c | wi | wo |
|---|---|---|---|---|---|---|---|---|---|---|
| **A** | 480 | 420 | 500 | 400 | 430 | 250 | 80 | 278 | G 1/2" | G 1/2" |
| **B** | 520 | 394 | 530 | 431 | 450 | 287 | 175,5 | 234 | G 3/4" | G 3/4" |
| **C** | 520 | 394 | 530 | 431 | 450 | 287 | 175,5 | 234 | G 3/4" | G 3/4" |
| **D** | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4" | G 3/4" |
| **E** | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4" | G 3/4" |
| **F** | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4" | G 3/4" |
| **G** | 600 | 550 | 650 | 500 | 530 | 340 | 50 | 320 | G 1" | G 1" |
| **H** | 600 | 550 | 650 | 500 | 530 | 340 | 50 | 320 | G 1" | G 1" |

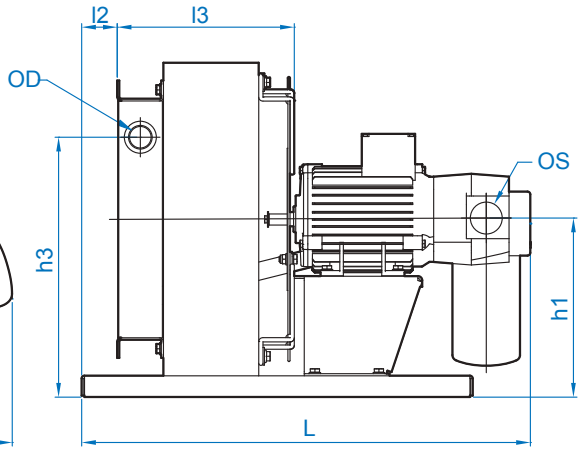


## CS2 - Air Cooler



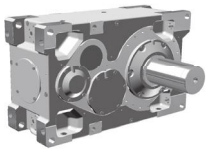


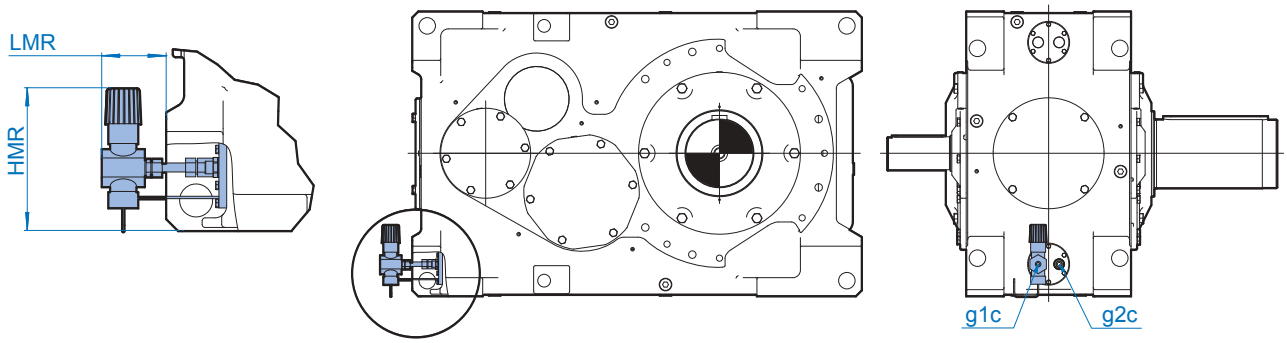




| | L | l1 | l2 | l3 | B | b1 | b2 | H | h1 | h2 | h3 | n1 | n2 | m | t | os | od |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AA** | 595 | 530 | 20 | 150 | 350 | 120 | 40 | 460 | 255 | 5 | 440 | 330 | 100 | 174 | 4x Ø13,5 | G 3/4 | G 1 |
| **A** | 630 | 530 | 20 | 170 | 450 | 65 | 40 | 550 | 300 | 5 | 530 | 330 | 100 | 200 | 4x Ø13,5 | G 3/4 | G 1 |
| **B** | 630 | 530 | 20 | 170 | 450 | 65 | 40 | 550 | 300 | 5 | 530 | 330 | 100 | 200 | 4x Ø13,5 | G 3/4 | G 1 |
| **C** | 685 | 550 | 20 | 225 | 450 | 75 | 40 | 550 | 300 | 5 | 480 | 400 | 75 | 200 | 4x Ø13,5 | G 1 | G 1 |
| **D** | 825 | 720 | 40 | 200 | 460 | 140 | 50 | 700 | 405 | 5 | 660 | 2x 330 | 30 | 130 | 6x Ø13,5 | SAE 1.1/2 | SAE 1.1/2 |
| **E** | 825 | 720 | 40 | 200 | 460 | 140 | 50 | 700 | 405 | 5 | 660 | 2x 330 | 30 | 130 | 6x Ø13,5 | SAE 1.1/2 | SAE 1.1/2 |
| **F** | 930 | 795 | 40 | 275 | 610 | 65 | 50 | 815 | 455 | 5 | 770 | 2x 367,5 | 30 | 280 | 6x Ø13,5 | SAE 1.1/2 | SAE 2 |
| **G** | 1085 | 670 | 0 | 450 | 700 | 10 | 60 | 1025 | 525 | 60 | 980 | 292 | 358 | 280 | 4x Ø14 | SAE 1.1/2 | SAE 2 |
| **H** | 1125 | 615 | 20 | 410 | 995 | 0 | 65 | 1355 | 680 | 40 | 1250 | 2x 212 | 175 | 440 | 6x 14x20 | SAE 2 | SAE 3 |

# CC - Internal Water Cooler
# OH - Oil Heater

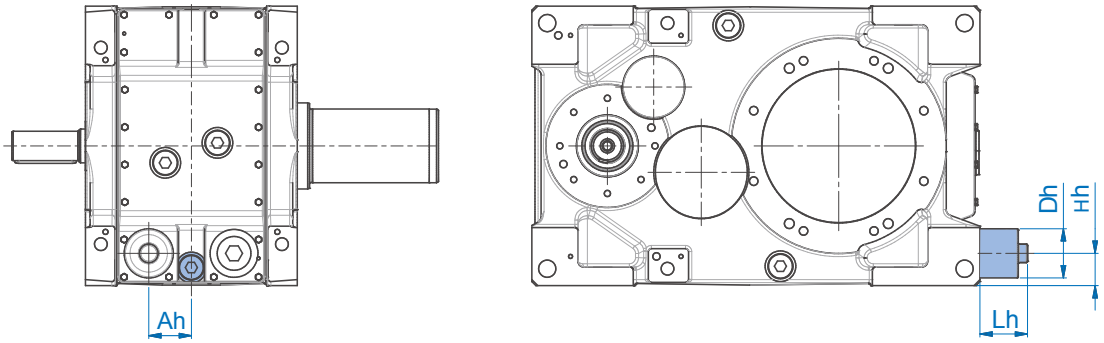


## CC - Internal Water Cooler (Cooling Coil)



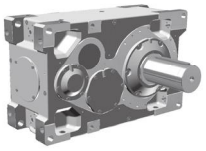

| | g1c | g2c | HMR | LMR |
|---|---|---|---|---|
| **SK 5.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 6.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 7.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 8.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 9.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 10.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 11.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 12.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 13.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 14.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 15.07** | G 1/2" | G 1/2" | 238 | 108 |

## OH - Oil Heater



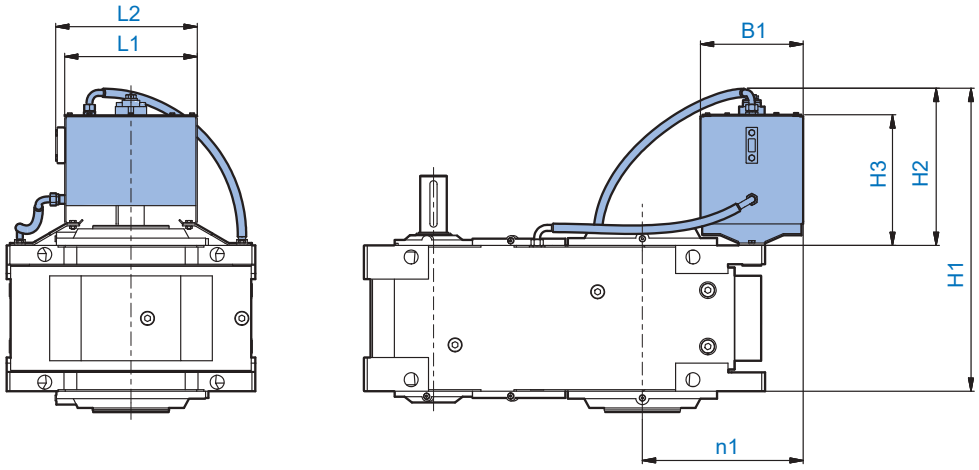

| | Ah | ø Dh | Hh | Lh | 340 W | 380 W | 470 W | 590 W | 760 W | 870 W | 1030 W | 1410 W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 69,5 | 80 | 52,5 | 77,5 | **M1/M3 *** | | | | | | | |
| **SK 6.07** | 69,5 | 80 | 52,5 | 77,5 | **M1/M3 *** | | | | | | | |
| **SK 7.07** | 67,5 | 80 | 62,5 | 60 | | **M1/M3 *** | | | | | | |
| **SK 8.07** | 74 | 80 | 62,5 | 61,5 | | **M1/M3 *** | | | | | | |
| **SK 9.07** | 85 | 80 | 69,5 | 58 | | | **M1/M3 *** | | | | | |
| **SK 10.07** | 87,5 | 80 | 70 | 63,5 | | | **M1/M3 *** | | | | | |
| **SK 11.07** | 70 | 80 | 90 | 57 | | | | **M1** | | | **M3** | |
| **SK 12.07** | 95 | 80 | 110 | 49 | | | | **M1** | | | **M3** | |
| **SK 13.07** | 100 | 80 | 100 | 49 | | | | | **M1** | | | **M3** |
| **SK 14.07** | 100 | 80 | 95 | 39 | | | | | **M1** | | | **M3** |
| **SK 15.07** | 125 | 80 | 110 | 20 | | | | | | **M1** | | **M3** |

* For larger heating capacities, please contact NORD DRIVESYSTEMS. Other mounting configurations can often be used depending on the oil level with an oil heater. Please contact NORD DRIVESYSTEMS.



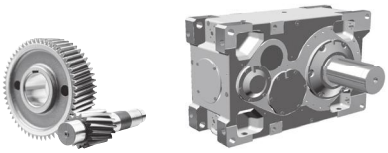
# OT - Oil Tank

## OT- Oil Tank




| M5 / M6 Mounting | L1 | L2 | H1 | H2 | H3 | n1 | B1 |
|---|---|---|---|---|---|---|---|
| **SK 5.07** | 275 | 302 | 771,5 | 426,5 | 397,5 | 440 | 200 |
| **SK 6.07** | 275 | 302 | 771,5 | 426,5 | 397,5 | 440 | 200 |
| **SK 7.07** | 400 | 427 | 824,5 | 474,5 | 394,5 | 425 | 310 |
| **SK 8.07** | 400 | 427 | 858 | 508 | 428 | 455 | 310 |
| **SK 9.07** | 400 | 427 | 923 | 508 | 428 | 457,5 | 310 |
| **SK 10.07** | 400 | 427 | 879 | 464 | 384 | 490 | 310 |
| **SK 11.07** | 400 | 427 | 914 | 474 | 394 | 485 | 310 |
| **SK 12.07** | 400 | 427 | 979,5 | 469,5 | 389,5 | 520 | 310 |
| **SK 13.07** | 400 | 427 | 1069 | 519 | 439 | 580 | 310 |
| **SK 14.07** | 400 | 427 | 1133 | 523 | 443 | 610 | 310 |
| **SK 15.07** | 400 | 427 | 1156 | 506 | 426 | 645 | 310 |

# Notes



DRIVESYSTEMS

# Right-Angle Ratings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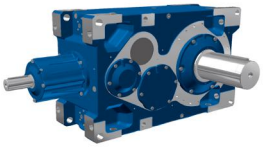
# Overview
# Ratings Tables



## Structure of the Power Ratings Tables

**Nominal Input Speed**
The actual motor speeds depend on the size of the motor, and may differ

**Nominal Output Speed**
The Nominal Input Speed divided by the Nominal Ratio

**Size of Gear Unit**

| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 20 | 1000 | 50 | 80 | 102 | 132 | 144 | 207 | 215 | 372 | 546 | 745 | 929 | 1.069 |
| | 1500 | 75 | 120 | 153 | 197 | 216 | 310 | 323 | 558 | 818 | 1.117 | 1.393 | 1.604 |
| | 1200 | 60 | 96 | 123 | 158 | 173 | 248 | 258 | 447 | 655 | 894 | 1.115 | 1.283 |
| | 1800 | 90 | 144 | 184 | 237 | 260 | 373 | 387 | 670 | 982 | 1.340 | 1.672 | 1.925 |

**Nominal Ratio**
Sized according to Standard Series

**Nominal Output Power**
with Service Factor ($f_B$) = 1,0

## Structure of the Torque Rating Tables

**Size of Gear Unit**

| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| 80 | 15 | 20 | 26 | 31 | 43 | 51 | 75 | 107 | 144 | 190 | 230 |
| 90 | 15 | 20 | 26 | 31 | 43 | 52 | 75 | 107 | 144 | 190 | 245 |

**Nominal Ratio**
Sized according to Standard Series

**SK .407 Units**
Units shaded this color are Three Stage Units

**Nominal Output Torque**
with Service Factor ($f_B$) = 1,0

**SK .507 Units**
Units shaded this color are Four Stage Units

## Structure of the Inertia Tables

**Size of Gear Unit**

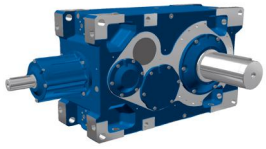
| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Moments of Inertia | | | | | | | | | | |
| $i_N$ | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² |
| 80 | 0,005 | 0,005 | 0,009 | 0,009 | 0,019 | 0,019 | 0,036 | 0,065 | 0,123 | 0,172 | 0,231 |
| 90 | 0,004 | 0,005 | 0,009 | 0,009 | 0,017 | 0,019 | 0,033 | 0,060 | 0,114 | 0,170 | 0,209 |

**Nominal Ratio**
Sized according to Standard Series

**SK .407 Units**
Units shaded this color are Three Stage Units

**Moment of Inertia**
Relative to the Input Shaft

**SK .507 Units**
Units shaded this color are Four Stage Units



## Structure of the Exact Ratio Tables

Size of Gear Unit

| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Exact Ratio | | | | | | | | | | |
| $i_N$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ |
| 90 | 93,19 | 88,57 | 94,30 | 88,85 | 95,36 | 91,55 | 92,50 | 91,72 | 91,91 | 86,67 | 90,56 |
| 100 | 101,82 | 103,42 | 103,66 | 107,43 | 104,85 | 107,43 | 101,26 | 100,05 | 100,26 | 94,67 | 98,78 |

**Nominal Ratio**
Sized according to Standard Series

**SK .407 Units**
Units shaded this color are Three Stage Units

**Exact Ratio**

**SK .507 Units**
Units shaded this color are Four Stage Units

## Structure of the Thermal Rating Tables

1) 2) (see explanation below)

Size of Gear Unit

| Nom. Ratio | Cooling Type | | SK 5207/ SK 5307 | SK 6207/ SK 6307 | SK 7207/ SK 7307 | SK 8207/ SK 8307 | SK 9207/ SK 9307 | SK 10207/ SK 10307 | SK 11207/ SK 11307 | SK 12207/ SK 12307 | SK 13207/ SK 13307 | SK 14207/ SK 14307 | SK 15207/ SK 15307 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 20 | --- | $Pt_{0,20}$ | 92 | 108 | 110 | 119 | 158 | 188 | 191 | 206 | 306 | 346 | 365 |
| | FAN | $P_{tF,20}$ | 56 | 66 | 75 | 78 | 110 | 127 | 144 | 187 | 252 | 281 | 362 |
| | CC | $P_{tC,20}$ | 84 | 89 | 91 | 85 | 99 | 103 | 268 | 388 | 557 | 546 | 627 |

**Nominal Ratio**
Sized according to Standard Series

**Cooling Type**
--- : No Additional Cooling
FAN : Built in Fan Cooling
CC : Integrated Water Cooling

**Thermal Power Limit** 1) 2)
Without any additional thermal cooling at Ambient Temp.

**Additional Thermal Power Limit** 1) 2)
With Built in Fan at Ambient Temperature with nominal speed

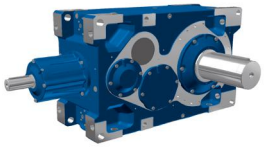
**Additional Thermal Power Limit**
With Integrated Water Cooling at Ambient Temperature

1) Standard ambient conditions

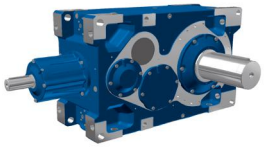
| | |
|---|---|
| Ambient temperature: | 20°C (68°F) or 40°C (104°F) |
| Air circulation at installation location | large hall with good air circulation ($v_L$ = 4,92 ft/s or 1,5 m/s) |
| Installation: | Foundation steel sub-construction |
| Installation altitude: | ≤ 1000 m (3280 ft) above sea level |
| Installation position | Horizontal installation (M1 for 3-stage or M3 for 4 stage) |
| Type of lubrication: | Immersion lubrication<br>Oel splash lubrication with PAO VG 220 |
| Cooling water inlet temperature | 20°C (68°F) or 40°C (104°F) |

2) For ratings at different temperatures please contact NORD DRIVESYSTEMS.

# Nominal Power Ratings

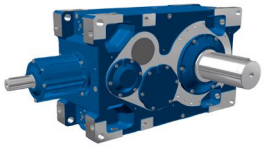


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | 1000 | 80 | --- | --- | --- | --- | --- | --- | 511 | 711 | 843 | --- | 1.196 |
| | 1500 | 120 | --- | --- | --- | --- | --- | --- | 767 | 1.067 | 1.265 | --- | 1.793 |
| | 1200 | 96 | --- | --- | --- | --- | --- | --- | 614 | 854 | 1.012 | --- | 1.435 |
| | 1800 | 144 | --- | --- | --- | --- | --- | --- | 921 | 1.280 | 1.518 | --- | 2.152 |
| 14 | 1000 | 71 | --- | --- | --- | --- | --- | --- | 510 | 708 | 847 | 926 | 1.195 |
| | 1500 | 107 | --- | --- | --- | --- | --- | --- | 766 | 1.063 | 1.270 | 1.390 | 1.792 |
| | 1200 | 86 | --- | --- | --- | --- | --- | --- | 612 | 850 | 1.016 | 1.112 | 1.434 |
| | 1800 | 129 | --- | --- | --- | --- | --- | --- | 919 | 1.275 | 1.524 | 1.667 | 2.151 |
| 16 | 1000 | 63 | --- | --- | --- | --- | --- | --- | 449 | 641 | 844 | 935 | 1.177 |
| | 1500 | 94 | --- | --- | --- | --- | --- | --- | 673 | 962 | 1.266 | 1.402 | 1.766 |
| | 1200 | 75 | --- | --- | --- | --- | --- | --- | 538 | 770 | 1.013 | 1.122 | 1.413 |
| | 1800 | 113 | --- | --- | --- | --- | --- | --- | 807 | 1.154 | 1.520 | 1.683 | 2.119 |
| 18 | 1000 | 56 | 87 | --- | 143 | --- | 214 | --- | 421 | 611 | 840 | 914 | 1.163 |
| | 1500 | 83 | 131 | --- | 215 | --- | 321 | --- | 632 | 917 | 1.260 | 1.371 | 1.744 |
| | 1200 | 67 | 105 | --- | 172 | --- | 257 | --- | 506 | 734 | 1.008 | 1.096 | 1.395 |
| | 1800 | 100 | 157 | --- | 258 | --- | 385 | --- | 759 | 1.101 | 1.512 | 1.645 | 2.093 |
| 20 | 1000 | 50 | 80 | 102 | 132 | 144 | 207 | 215 | 372 | 546 | 745 | 929 | 1.069 |
| | 1500 | 75 | 120 | 153 | 197 | 216 | 310 | 323 | 558 | 818 | 1.117 | 1.393 | 1.604 |
| | 1200 | 60 | 96 | 123 | 158 | 173 | 248 | 258 | 447 | 655 | 894 | 1.115 | 1.283 |
| | 1800 | 90 | 144 | 184 | 237 | 260 | 373 | 387 | 670 | 982 | 1.340 | 1.672 | 1.925 |
| 22,4 | 1000 | 45 | 72 | 95 | 117 | 142 | 187 | 214 | 342 | 505 | 695 | 889 | 1.023 |
| | 1500 | 67 | 108 | 143 | 176 | 213 | 281 | 321 | 513 | 757 | 1.042 | 1.333 | 1.535 |
| | 1200 | 54 | 86 | 114 | 140 | 170 | 225 | 257 | 411 | 606 | 834 | 1.067 | 1.228 |
| | 1800 | 80 | 129 | 171 | 211 | 255 | 337 | 385 | 616 | 909 | 1.250 | 1.600 | 1.842 |
| 25 | 1000 | 40 | 66 | 86 | 106 | 120 | 171 | 195 | 296 | 434 | 588 | 846 | 896 |
| | 1500 | 60 | 99 | 130 | 158 | 180 | 257 | 293 | 443 | 651 | 882 | 1.269 | 1.343 |
| | 1200 | 48 | 79 | 104 | 127 | 144 | 206 | 235 | 355 | 521 | 705 | 1.015 | 1.075 |
| | 1800 | 72 | 118 | 155 | 190 | 216 | 309 | 352 | 532 | 781 | 1.058 | 1.523 | 1.612 |
| 28 | 1000 | 36 | 54 | 78 | 90 | 115 | 147 | 179 | 270 | 398 | 540 | 729 | 827 |
| | 1500 | 54 | 80 | 118 | 135 | 172 | 220 | 268 | 406 | 597 | 810 | 1.093 | 1.240 |
| | 1200 | 43 | 64 | 94 | 108 | 138 | 176 | 215 | 324 | 477 | 648 | 875 | 992 |
| | 1800 | 64 | 96 | 141 | 163 | 206 | 264 | 322 | 487 | 716 | 972 | 1.312 | 1.488 |
| 31,5 | 1000 | 32 | 49 | 64 | 83 | 95 | 134 | 153 | 245 | 358 | 470 | 676 | 746 |
| | 1500 | 48 | 74 | 97 | 124 | 143 | 201 | 230 | 368 | 537 | 705 | 1.013 | 1.119 |
| | 1200 | 38 | 59 | 77 | 99 | 114 | 161 | 184 | 294 | 429 | 564 | 811 | 895 |
| | 1800 | 57 | 88 | 116 | 149 | 171 | 242 | 276 | 441 | 644 | 845 | 1.216 | 1.342 |

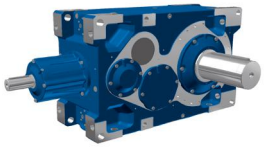


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 35,5 | 1000 | 28 | 44 | 58 | 73 | 90 | 118 | 142 | 224 | 328 | 441 | 565 | 684 |
| | 1500 | 42 | 66 | 88 | 109 | 135 | 177 | 212 | 337 | 492 | 662 | 847 | 1.025 |
| | 1200 | 34 | 53 | 70 | 87 | 108 | 141 | 170 | 269 | 394 | 530 | 677 | 820 |
| | 1800 | 51 | 79 | 105 | 131 | 162 | 212 | 255 | 404 | 590 | 795 | 1.016 | 1.230 |
| 40 | 1000 | 25 | 40 | 53 | 66 | 76 | 108 | 124 | 194 | 281 | 373 | 523 | 584 |
| | 1500 | 38 | 61 | 80 | 100 | 114 | 162 | 186 | 291 | 421 | 559 | 785 | 877 |
| | 1200 | 30 | 48 | 64 | 80 | 91 | 129 | 149 | 232 | 337 | 447 | 628 | 701 |
| | 1800 | 45 | 73 | 95 | 120 | 137 | 194 | 223 | 349 | 505 | 671 | 942 | 1.052 |
| 45 | 1000 | 22 | 35 | 48 | 58 | 72 | 94 | 115 | 177 | 257 | 342 | 483 | 536 |
| | 1500 | 33 | 53 | 72 | 87 | 107 | 141 | 172 | 266 | 386 | 513 | 724 | 804 |
| | 1200 | 27 | 42 | 58 | 70 | 86 | 113 | 137 | 213 | 309 | 411 | 579 | 643 |
| | 1800 | 40 | 63 | 87 | 105 | 129 | 170 | 206 | 319 | 463 | 616 | 869 | 964 |
| 50 | 1000 | 20 | 32 | 42 | 53 | 61 | 86 | 100 | 153 | 220 | 296 | 403 | 458 |
| | 1500 | 30 | 48 | 63 | 80 | 91 | 129 | 150 | 229 | 329 | 444 | 605 | 687 |
| | 1200 | 24 | 38 | 50 | 64 | 73 | 103 | 120 | 183 | 264 | 355 | 484 | 549 |
| | 1800 | 36 | 58 | 76 | 95 | 110 | 155 | 181 | 275 | 395 | 533 | 726 | 824 |
| 56 | 1000 | 18 | 27 | 38 | 46 | 58 | 75 | 93 | 140 | 201 | 272 | 374 | 420 |
| | 1500 | 27 | 41 | 57 | 69 | 87 | 112 | 139 | 209 | 302 | 408 | 561 | 629 |
| | 1200 | 21 | 33 | 46 | 55 | 70 | 89 | 111 | 168 | 242 | 326 | 449 | 504 |
| | 1800 | 32 | 49 | 69 | 83 | 104 | 134 | 167 | 251 | 362 | 489 | 673 | 755 |
| 63 | 1000 | 16 | 25 | 33 | 42 | 49 | 68 | 80 | 120 | 172 | 230 | 320 | 359 |
| | 1500 | 24 | 38 | 49 | 63 | 73 | 102 | 120 | 179 | 258 | 345 | 480 | 538 |
| | 1200 | 19 | 30 | 39 | 51 | 58 | 82 | 96 | 143 | 207 | 276 | 384 | 431 |
| | 1800 | 29 | 45 | 59 | 76 | 87 | 123 | 144 | 215 | 310 | 414 | 576 | 646 |
| 71 | 1000 | 14 | 22 | 30 | 37 | 46 | 60 | 74 | 109 | 158 | 211 | 296 | 336 |
| | 1500 | 21 | 33 | 45 | 56 | 69 | 90 | 111 | 164 | 237 | 317 | 445 | 505 |
| | 1200 | 17 | 26 | 36 | 45 | 55 | 72 | 89 | 131 | 190 | 253 | 356 | 404 |
| | 1800 | 25 | 39 | 54 | 67 | 83 | 107 | 133 | 197 | 284 | 380 | 533 | 605 |
| 80 | 1000 | 13 | 20 | 26 | 34 | 39 | 55 | 64 | 99 | 143 | 194 | 248 | 311 |
| | 1500 | 19 | 30 | 39 | 51 | 58 | 82 | 97 | 149 | 214 | 290 | 372 | 467 |
| | 1200 | 15 | 24 | 31 | 41 | 46 | 66 | 77 | 119 | 171 | 232 | 297 | 373 |
| | 1800 | 23 | 36 | 47 | 62 | 70 | 98 | 116 | 179 | 257 | 349 | 446 | 560 |
| 90 | 1000 | 11 | 17 | 24 | 29 | 37 | 47 | 59 | 85 | 122 | 164 | 230 | 283 |
| | 1500 | 17 | 25 | 35 | 44 | 55 | 70 | 89 | 128 | 183 | 246 | 344 | 425 |
| | 1200 | 13 | 20 | 28 | 35 | 44 | 56 | 71 | 102 | 147 | 197 | 275 | 340 |
| | 1800 | 20 | 30 | 43 | 53 | 66 | 85 | 106 | 153 | 220 | 295 | 413 | 510 |

# Nominal Power Ratings

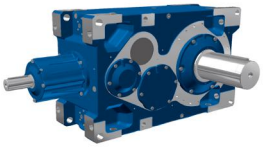


| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 100 | 1000 | 10 | 15 | 20 | 27 | 30 | 43 | 51 | 78 | 112 | 150 | 210 | 270 |
| | 1500 | 15 | 23 | 30 | 40 | 45 | 64 | 76 | 117 | 168 | 226 | 315 | 405 |
| | 1200 | 12 | 19 | 24 | 32 | 36 | 52 | 61 | 93 | 134 | 180 | 252 | 324 |
| | 1800 | 18 | 28 | 36 | 48 | 55 | 77 | 91 | 140 | 202 | 271 | 378 | 487 |
| 112 | 1000 | 9 | 13 | --- | 24 | 29 | 39 | 47 | 70 | 99 | 133 | 176 | 244 |
| | 1500 | 13 | 20 | --- | 37 | 43 | 58 | 70 | 105 | 149 | 200 | 263 | 366 |
| | 1200 | 11 | 16 | --- | 29 | 34 | 47 | 56 | 84 | 119 | 160 | 211 | 293 |
| | 1800 | 16 | 24 | --- | 44 | 52 | 70 | 84 | 126 | 179 | 240 | 316 | 439 |
| 125 | 1000 | 8 | 12 | 16 | 22 | 25 | 36 | 42 | 64 | 91 | 122 | 163 | 224 |
| | 1500 | 12 | 18 | 24 | 33 | 38 | 53 | 63 | 96 | 137 | 184 | 244 | 335 |
| | 1200 | 10 | 15 | 19 | 27 | 30 | 43 | 50 | 77 | 109 | 147 | 195 | 268 |
| | 1800 | 14 | 22 | 29 | 40 | 45 | 64 | 76 | 115 | 164 | 220 | 293 | 402 |
| 140 | 1000 | 7 | 11 | 15 | 19 | 23 | 30 | 38 | 55 | 78 | 104 | 143 | 191 |
| | 1500 | 11 | 16 | 22 | 28 | 35 | 45 | 57 | 82 | 117 | 155 | 214 | 287 |
| | 1200 | 9 | 13 | 18 | 23 | 28 | 36 | 46 | 66 | 93 | 124 | 171 | 229 |
| | 1800 | 13 | 19 | 26 | 34 | 42 | 54 | 68 | 98 | 140 | 186 | 257 | 344 |
| 160 | 1000 | 6 | 10 | 13 | 17 | 19 | 28 | 31 | 50 | 71 | 95 | 132 | 175 |
| | 1500 | 9 | 15 | 19 | 26 | 28 | 41 | 46 | 75 | 107 | 143 | 198 | 263 |
| | 1200 | 8 | 12 | 15 | 21 | 22 | 33 | 37 | 60 | 86 | 114 | 159 | 210 |
| | 1800 | 11 | 17 | 23 | 31 | 33 | 50 | 55 | 90 | 129 | 171 | 238 | 315 |
| 180 | 1000 | 6 | 8 | 12 | 14 | 18 | 25 | 28 | 45 | 63 | 85 | 111 | 154 |
| | 1500 | 8 | 13 | 17 | 21 | 26 | 38 | 43 | 67 | 95 | 128 | 166 | 230 |
| | 1200 | 7 | 10 | 14 | 17 | 21 | 30 | 34 | 53 | 76 | 102 | 133 | 184 |
| | 1800 | 10 | 15 | 21 | 25 | 32 | 45 | 51 | 80 | 114 | 153 | 199 | 276 |
| 200 | 1000 | 5 | 8 | 10 | 14 | 14 | 23 | 25 | 41 | 58 | 78 | 102 | 141 |
| | 1500 | 8 | 12 | 15 | 21 | 21 | 35 | 37 | 61 | 87 | 117 | 154 | 211 |
| | 1200 | 6 | 9 | 12 | 17 | 17 | 28 | 30 | 49 | 70 | 94 | 123 | 169 |
| | 1800 | 9 | 14 | 18 | 25 | 25 | 42 | 45 | 73 | 104 | 141 | 184 | 253 |



| Nom. Ratio | Nominal Input Speed | Nominal Output Speed | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Rated Power | | | | | | | | | | |
| $i_N$ | $n_{1N}$ [rpm] | $n_{2N}$ [rpm] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 224 | 1000 | 4 | 7 | 9 | 12 | 14 | 21 | 24 | 35 | 50 | 66 | 91 | 120 |
| | 1500 | 7 | 10 | 14 | 19 | 20 | 31 | 37 | 52 | 74 | 99 | 136 | 180 |
| | 1200 | 5 | 8 | 11 | 15 | 16 | 25 | 29 | 42 | 59 | 79 | 109 | 144 |
| | 1800 | 8 | 12 | 17 | 22 | 24 | 37 | 44 | 63 | 89 | 119 | 163 | 217 |
| 250 | 1000 | 4 | 6 | 8 | 11 | 12 | 19 | 22 | 32 | 45 | 61 | 84 | 110 |
| | 1500 | 6 | 9 | 12 | 17 | 19 | 28 | 33 | 48 | 68 | 91 | 126 | 165 |
| | 1200 | 5 | 8 | 10 | 14 | 15 | 23 | 26 | 38 | 55 | 73 | 101 | 132 |
| | 1800 | 7 | 11 | 15 | 20 | 22 | 34 | 39 | 57 | 82 | 109 | 151 | 199 |
| 280 | 1000 | 4 | 5 | 7 | 10 | 12 | 16 | 20 | 28 | 39 | 53 | 70 | 96 |
| | 1500 | 5 | 8 | 11 | 14 | 18 | 24 | 30 | 41 | 58 | 80 | 105 | 144 |
| | 1200 | 4 | 6 | 9 | 12 | 14 | 19 | 24 | 33 | 47 | 64 | 84 | 115 |
| | 1800 | 6 | 10 | 13 | 17 | 21 | 29 | 36 | 50 | 70 | 96 | 127 | 173 |
| 315 | 1000 | 3 | 5 | 6 | 9 | 10 | 15 | 17 | 25 | 36 | 49 | 65 | 88 |
| | 1500 | 5 | 7 | 10 | 13 | 15 | 22 | 25 | 38 | 54 | 74 | 98 | 132 |
| | 1200 | 4 | 6 | 8 | 10 | 12 | 18 | 20 | 30 | 43 | 59 | 78 | 105 |
| | 1800 | 6 | 9 | 12 | 16 | 17 | 26 | 30 | 45 | 64 | 88 | 117 | 158 |
| 355 | 1000 | 3 | 4 | 6 | 8 | 9 | 13 | 15 | 22 | 31 | 41 | 57 | 75 |
| | 1500 | 4 | 6 | 9 | 12 | 14 | 20 | 23 | 32 | 46 | 62 | 85 | 113 |
| | 1200 | 3 | 5 | 7 | 9 | 11 | 16 | 18 | 26 | 37 | 50 | 68 | 90 |
| | 1800 | 5 | 8 | 11 | 14 | 16 | 24 | 27 | 39 | 55 | 75 | 102 | 135 |
| 400 | 1000 | 3 | 4 | 5 | 7 | 7 | 12 | 14 | 20 | 28 | 38 | 53 | 69 |
| | 1500 | 4 | 6 | 8 | 11 | 10 | 18 | 21 | 30 | 42 | 57 | 79 | 103 |
| | 1200 | 3 | 5 | 6 | 9 | 8 | 15 | 17 | 24 | 34 | 46 | 63 | 83 |
| | 1800 | 5 | 7 | 9 | 13 | 12 | 22 | 25 | 36 | 50 | 69 | 95 | 124 |
| 450 | 1000 | 3 | --- | 5 | --- | 7 | --- | 13 | --- | --- | --- | --- | --- |
| | 1500 | 4 | --- | 7 | --- | 10 | --- | 19 | --- | --- | --- | --- | --- |
| | 1200 | 3 | --- | 6 | --- | 8 | --- | 15 | --- | --- | --- | --- | --- |
| | 1800 | 5 | --- | 8 | --- | 12 | --- | 23 | --- | --- | --- | --- | --- |

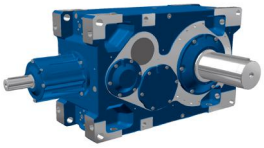
# Nominal Output Torques



| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Output Torque | | | | | | | | | | |
| $i_N$ | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] | $M_{2max}$ [kNm] |
| **12,5** | --- | --- | --- | --- | --- | --- | 62 | 87 | 105 | --- | 144 |
| **14** | --- | --- | --- | --- | --- | --- | 68 | 95 | 115 | 124 | 157 |
| **16** | --- | --- | --- | --- | --- | --- | 70 | 100 | 129 | 135 | 181 |
| **18** | 15 | --- | 24 | --- | 36 | --- | 72 | 104 | 140 | 155 | 195 |
| **20** | 15 | 20 | 24 | 27 | 38 | 41 | 72 | 106 | 142 | 170 | 204 |
| **22,4** | 15 | 20 | 25 | 29 | 40 | 45 | 73 | 107 | 145 | 185 | 213 |
| **25** | 15 | 20 | 25 | 29 | 40 | 47 | 74 | 107 | 145 | 190 | 218 |
| **28** | 15 | 20 | 25 | 29 | 40 | 47 | 74 | 107 | 145 | 190 | 219 |
| **31,5** | 15 | 20 | 25 | 29 | 41 | 48 | 74 | 107 | 139 | 190 | 220 |
| **35,5** | 15 | 20 | 25 | 30 | 41 | 48 | 74 | 107 | 143 | 190 | 220 |
| **40** | 15 | 20 | 25 | 30 | 41 | 49 | 75 | 107 | 142 | 190 | 220 |
| **45** | 15 | 20 | 25 | 30 | 41 | 49 | 75 | 107 | 143 | 190 | 220 |
| **50** | 15 | 20 | 25 | 30 | 42 | 50 | 75 | 107 | 143 | 190 | 220 |
| **56** | 15 | 20 | 26 | 30 | 42 | 50 | 75 | 107 | 143 | 190 | 220 |
| **63** | 15 | 20 | 26 | 31 | 42 | 51 | 75 | 107 | 143 | 190 | 220 |
| **71** | 15 | 20 | 26 | 31 | 42 | 51 | 75 | 107 | 143 | 190 | 225 |
| **80** | 15 | 20 | 26 | 31 | 43 | 51 | 75 | 107 | 144 | 190 | 230 |
| **90** | 15 | 20 | 26 | 31 | 43 | 52 | 75 | 107 | 144 | 190 | 245 |
| **100** | 15 | 20 | 26 | 31 | 43 | 52 | 75 | 107 | 144 | 190 | 255 |
| **112** | 15 | 20 | 27 | 31 | 43 | 52 | 75 | 107 | 144 | 190 | 260 |
| **125** | 15 | 20 | 27 | 31 | 43 | 53 | 75 | 107 | 144 | 190 | 260 |
| **140** | 15 | 20 | 27 | 30 | 44 | 52 | 76 | 107 | 144 | 190 | 260 |
| **160** | 15 | 20 | 27 | 30 | 44 | 50 | 76 | 107 | 145 | 190 | 260 |
| **180** | 15 | 20 | 24 | 30 | 44 | 51 | 76 | 107 | 145 | 190 | 260 |
| **200** | 15 | 20 | 27 | 27 | 44 | 49 | 76 | 107 | 145 | 190 | 260 |
| **224** | 15 | 20 | 27 | 29 | 45 | 53 | 76 | 107 | 145 | 190 | 260 |
| **250** | 15 | 20 | 27 | 30 | 45 | 53 | 76 | 107 | 145 | 190 | 260 |
| **280** | 15 | 20 | 27 | 31 | 45 | 53 | 76 | 107 | 145 | 190 | 260 |
| **315** | 15 | 20 | 27 | 31 | 45 | 53 | 76 | 107 | 145 | 190 | 260 |
| **355** | 15 | 20 | 27 | 31 | 46 | 53 | 76 | 107 | 146 | 190 | 260 |
| **400** | 15 | 20 | 27 | 27 | 46 | 53 | 76 | 107 | 146 | 190 | 260 |
| **450** | --- | 20 | --- | 28 | --- | 53 | --- | --- | --- | --- | --- |

**SK ..407 Units**

**SK ..507 Units**



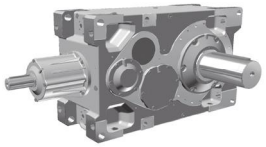
# Moments of Inertia

| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Moments of Inertia | | | | | | | | | | |
| $i_N$ | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² | $j_1$ kgm² |
| 12,5 | --- | --- | --- | --- | --- | --- | 0,501 | 0,819 | 1,290 | --- | 3,360 |
| 14 | --- | --- | --- | --- | --- | --- | 0,492 | 0,806 | 1,270 | 1,640 | 3,310 |
| 16 | --- | --- | --- | --- | --- | --- | 0,417 | 0,683 | 1,100 | 1,580 | 2,750 |
| 18 | 0,034 | --- | 0,067 | --- | 0,142 | --- | 0,412 | 0,676 | 1,080 | 1,320 | 2,720 |
| 20 | 0,033 | 0,035 | 0,066 | 0,071 | 0,141 | 0,150 | 0,375 | 0,612 | 0,966 | 1,290 | 2,390 |
| 22,4 | 0,030 | 0,035 | 0,059 | 0,069 | 0,120 | 0,146 | 0,371 | 0,607 | 0,957 | 1,130 | 2,360 |
| 25 | 0,030 | 0,031 | 0,059 | 0,061 | 0,119 | 0,125 | 0,329 | 0,538 | 0,841 | 1,100 | 2,050 |
| 28 | 0,012 | 0,031 | 0,024 | 0,060 | 0,054 | 0,123 | 0,327 | 0,535 | 0,835 | 0,983 | 2,040 |
| 31,5 | 0,012 | 0,013 | 0,024 | 0,025 | 0,053 | 0,056 | 0,177 | 0,267 | 0,351 | 0,967 | 0,888 |
| 35,5 | 0,011 | 0,013 | 0,021 | 0,025 | 0,045 | 0,055 | 0,175 | 0,265 | 0,348 | 0,853 | 0,879 |
| 40 | 0,011 | 0,011 | 0,021 | 0,022 | 0,045 | 0,047 | 0,158 | 0,237 | 0,299 | 0,844 | 0,748 |
| 45 | 0,010 | 0,011 | 0,019 | 0,022 | 0,041 | 0,046 | 0,157 | 0,236 | 0,297 | 0,390 | 0,743 |
| 50 | 0,010 | 0,010 | 0,019 | 0,019 | 0,040 | 0,042 | 0,059 | 0,111 | 0,179 | 0,332 | 0,397 |
| 56 | 0,005 | 0,010 | 0,010 | 0,019 | 0,020 | 0,041 | 0,058 | 0,110 | 0,178 | 0,327 | 0,394 |
| 63 | 0,005 | 0,005 | 0,010 | 0,010 | 0,020 | 0,021 | 0,051 | 0,099 | 0,159 | 0,197 | 0,345 |
| 71 | 0,005 | 0,005 | 0,009 | 0,010 | 0,019 | 0,021 | 0,051 | 0,099 | 0,158 | 0,194 | 0,343 |
| 80 | 0,005 | 0,005 | 0,009 | 0,009 | 0,019 | 0,019 | 0,036 | 0,065 | 0,123 | 0,172 | 0,231 |
| 90 | 0,004 | 0,005 | 0,009 | 0,009 | 0,017 | 0,019 | 0,033 | 0,060 | 0,114 | 0,170 | 0,209 |
| 100 | 0,004 | 0,004 | 0,009 | 0,009 | 0,017 | 0,017 | 0,032 | 0,059 | 0,114 | 0,169 | 0,208 |
| 112 | 0,002 | 0,004 | 0,004 | 0,009 | 0,011 | 0,017 | 0,027 | 0,050 | 0,097 | 0,162 | 0,167 |
| 125 | 0,002 | 0,002 | 0,004 | 0,004 | 0,011 | 0,011 | 0,026 | 0,050 | 0,097 | 0,161 | 0,167 |
| 140 | 0,002 | 0,002 | 0,004 | 0,004 | 0,010 | 0,011 | 0,025 | 0,048 | 0,093 | 0,141 | 0,158 |
| 160 | 0,002 | 0,002 | 0,004 | 0,004 | 0,010 | 0,010 | 0,025 | 0,047 | 0,093 | 0,140 | 0,157 |
| 180 | 0,002 | 0,002 | 0,003 | 0,004 | 0,010 | 0,010 | 0,022 | 0,043 | 0,086 | 0,137 | 0,136 |
| 200 | 0,002 | 0,002 | 0,003 | 0,003 | 0,010 | 0,010 | 0,022 | 0,043 | 0,085 | 0,137 | 0,136 |
| 224 | 0,002 | 0,002 | 0,003 | 0,003 | 0,009 | 0,010 | 0,022 | 0,042 | 0,084 | 0,129 | 0,132 |
| 250 | 0,002 | 0,002 | 0,003 | 0,003 | 0,009 | 0,009 | 0,022 | 0,042 | 0,084 | 0,129 | 0,132 |
| 280 | 0,001 | 0,002 | 0,003 | 0,003 | 0,008 | 0,009 | 0,020 | 0,038 | 0,078 | 0,128 | 0,115 |
| 315 | 0,001 | 0,001 | 0,003 | 0,003 | 0,008 | 0,008 | 0,020 | 0,038 | 0,078 | 0,127 | 0,115 |
| 355 | 0,001 | 0,001 | 0,003 | 0,003 | 0,008 | 0,008 | 0,019 | 0,038 | 0,077 | 0,120 | 0,114 |
| 400 | 0,001 | 0,001 | 0,003 | 0,003 | 0,008 | 0,008 | 0,019 | 0,038 | 0,077 | 0,120 | 0,114 |
| 450 | --- | 0,001 | --- | 0,003 | --- | 0,008 | --- | --- | --- | --- | --- |

**SK ..407 Units**

**SK ..507 Units**

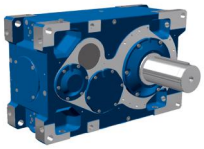
# Exact Ratio



| Nom. Ratio | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Exact Ratio | | | | | | | | | | |
| $i_N$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ | $i_{ges}$ |
| **12,5** | --- | --- | --- | --- | --- | --- | 12,74 | 12,81 | 13,04 | --- | 12,61 |
| **14** | --- | --- | --- | --- | --- | --- | 13,95 | 13,97 | 14,22 | 14,02 | 13,76 |
| **16** | --- | --- | --- | --- | --- | --- | 16,34 | 16,33 | 16,00 | 15,12 | 16,10 |
| **18** | 18,00 | | 17,52 | --- | 17,72 | --- | 17,89 | 17,81 | 17,45 | 17,76 | 17,56 |
| **20** | 19,68 | 19,97 | 19,26 | 19,96 | 19,48 | 19,96 | 20,35 | 20,25 | 20,04 | 19,16 | 19,98 |
| **22,4** | 21,92 | 22,01 | 22,09 | 21,20 | 22,35 | 21,86 | 22,27 | 22,09 | 21,86 | 21,80 | 21,79 |
| **25** | 23,96 | 24,33 | 24,30 | 25,18 | 24,56 | 25,18 | 26,04 | 25,82 | 25,87 | 23,52 | 25,49 |
| **28** | 29,31 | 26,81 | 28,53 | 26,76 | 28,85 | 27,56 | 28,50 | 28,16 | 28,22 | 27,30 | 27,81 |
| **31,5** | 32,05 | 32,53 | 31,36 | 32,50 | 31,72 | 32,50 | 31,46 | 31,31 | 30,99 | 29,45 | 30,89 |
| **35,5** | 35,70 | 35,85 | 35,97 | 34,53 | 36,40 | 35,59 | 34,45 | 34,16 | 33,80 | 35,24 | 33,70 |
| **40** | 39,01 | 39,62 | 39,57 | 41,01 | 40,00 | 41,01 | 40,26 | 39,92 | 40,01 | 38,02 | 39,42 |
| **45** | 44,84 | 43,66 | 45,45 | 43,57 | 45,95 | 44,89 | 44,08 | 43,55 | 43,64 | 41,21 | 43,00 |
| **50** | 49,02 | 49,78 | 49,96 | 51,78 | 50,51 | 51,78 | 51,25 | 51,01 | 50,48 | 49,31 | 50,33 |
| **56** | 57,66 | 54,85 | 58,09 | 55,02 | 58,79 | 56,70 | 56,11 | 55,64 | 55,07 | 53,20 | 54,90 |
| **63** | 63,00 | 63,98 | 63,90 | 66,23 | 64,60 | 66,23 | 65,59 | 65,04 | 65,17 | 62,22 | 64,21 |
| **71** | 72,41 | 70,50 | 73,39 | 70,36 | 74,21 | 72,49 | 71,80 | 70,94 | 71,09 | 67,13 | 70,05 |
| **80** | 79,16 | 80,39 | 80,67 | 83,62 | 81,57 | 83,62 | 79,13 | 78,46 | 77,66 | 80,33 | 77,42 |
| **90** | 93,19 | 88,57 | 94,30 | 88,85 | 95,36 | 91,55 | 92,50 | 91,72 | 91,91 | 86,67 | 90,56 |
| **100** | 101,82 | 103,42 | 103,66 | 107,43 | 104,85 | 107,43 | 101,26 | 100,05 | 100,26 | 94,67 | 98,78 |
| **112** | 117,20 | 113,93 | 114,10 | 114,14 | 116,35 | 117,65 | 113,11 | 112,83 | 113,14 | 113,28 | 111,66 |
| **125** | 128,05 | 130,05 | 125,47 | 130,05 | 127,88 | 131,07 | 123,83 | 123,08 | 123,42 | 122,22 | 121,80 |
| **140** | 148,38 | 143,30 | 148,13 | 138,15 | 151,28 | 143,51 | 144,75 | 143,87 | 146,08 | 139,45 | 142,47 |
| **160** | 162,12 | 164,66 | 162,86 | 168,79 | 166,30 | 170,43 | 158,47 | 156,94 | 159,35 | 150,46 | 155,41 |
| **180** | 185,93 | 181,43 | 182,45 | 179,35 | 182,86 | 186,63 | 178,17 | 177,31 | 177,88 | 180,04 | 177,34 |
| **200** | 203,20 | 206,35 | 200,62 | 207,90 | 200,99 | 205,98 | 195,05 | 193,41 | 194,04 | 194,25 | 193,45 |
| **224** | 229,58 | 227,37 | 226,60 | 220,87 | 227,29 | 225,57 | 228,01 | 226,08 | 229,66 | 219,24 | 226,28 |
| **250** | 250,85 | 254,78 | 249,18 | 258,22 | 249,83 | 256,05 | 249,61 | 246,62 | 250,52 | 236,54 | 246,83 |
| **280** | 290,66 | 280,72 | 294,18 | 274,38 | 295,57 | 280,39 | 289,22 | 287,82 | 284,85 | 283,06 | 283,98 |
| **315** | 317,58 | 322,57 | 323,47 | 335,21 | 324,86 | 332,92 | 316,62 | 313,96 | 310,73 | 305,40 | 309,77 |
| **355** | 364,21 | 355,38 | 362,29 | 356,15 | 357,22 | 364,58 | 370,12 | 366,99 | 367,77 | 351,08 | 362,35 |
| **400** | 398,00 | 404,22 | 398,37 | 412,85 | 392,65 | 402,38 | 405,18 | 400,33 | 401,17 | 378,79 | 395,26 |
| **450** | --- | 445,38 | --- | 438,67 | --- | 440,63 | --- | --- | --- | --- | --- |

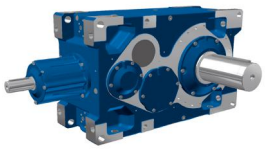
**SK ..407 Units**

**SK ..507 Units**

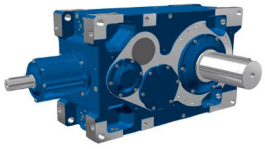


# Notes

# Thermal Rating
# M1/M3 Mounting - 1000 rpm
# @ 20°C = 68°F

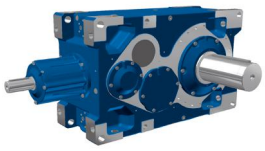


| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 202 | 204 | 305 | --- | 311 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 168 | 219 | 294 | --- | 432 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 311 | 453 | 647 | --- | 744 |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 195 | 195 | 295 | 333 | 303 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 160 | 206 | 281 | 322 | 410 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 297 | 427 | 618 | 623 | 707 |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 199 | 209 | 311 | 327 | 354 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 155 | 202 | 275 | 313 | 395 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 288 | 419 | 606 | 605 | 684 |
| 18 | --- | $Pt_{0.20}$ | 95 | --- | 113 | --- | 165 | --- | 191 | 199 | 300 | 338 | 341 |
| | FAN | $P_{tF.20}$ | 59 | --- | 77 | --- | 115 | --- | 148 | 190 | 262 | 292 | 376 |
| | CC | $P_{tC.20}$ | 88 | --- | 94 | --- | 104 | --- | 275 | 394 | 579 | 565 | 650 |
| 20 | --- | $Pt_{0.20}$ | 92 | 108 | 110 | 119 | 158 | 188 | 191 | 206 | 306 | 346 | 365 |
| | FAN | $P_{tF.20}$ | 56 | 66 | 75 | 78 | 110 | 127 | 144 | 187 | 252 | 281 | 362 |
| | CC | $P_{tC.20}$ | 84 | 89 | 91 | 85 | 99 | 103 | 268 | 388 | 557 | 546 | 627 |
| 22,4 | --- | $Pt_{0.20}$ | 91 | 102 | 108 | 127 | 160 | 180 | 184 | 195 | 294 | 338 | 350 |
| | FAN | $P_{tF.20}$ | 56 | 62 | 73 | 83 | 109 | 121 | 137 | 176 | 241 | 273 | 344 |
| | CC | $P_{tC.20}$ | 83 | 85 | 89 | 92 | 98 | 98 | 255 | 365 | 533 | 530 | 597 |
| 25 | --- | $Pt_{0.20}$ | 87 | 102 | 105 | 113 | 153 | 182 | 180 | 196 | 289 | 335 | 359 |
| | FAN | $P_{tF.20}$ | 53 | 62 | 70 | 73 | 104 | 120 | 131 | 170 | 226 | 259 | 326 |
| | CC | $P_{tC.20}$ | 79 | 84 | 86 | 80 | 93 | 97 | 244 | 353 | 500 | 503 | 566 |
| 28 | --- | $Pt_{0.20}$ | 78 | 97 | 95 | 121 | 144 | 173 | 172 | 187 | 278 | 326 | 344 |
| | FAN | $P_{tF.20}$ | 47 | 59 | 61 | 78 | 93 | 114 | 125 | 160 | 216 | 251 | 310 |
| | CC | $P_{tC.20}$ | 70 | 80 | 75 | 86 | 83 | 92 | 233 | 333 | 479 | 489 | 539 |
| 31,5 | --- | $Pt_{0.20}$ | 75 | 87 | 93 | 99 | 138 | 163 | 166 | 182 | 285 | 313 | 387 |
| | FAN | $P_{tF.20}$ | 45 | 52 | 60 | 62 | 89 | 102 | 113 | 139 | 192 | 233 | 274 |
| | CC | $P_{tC.20}$ | 67 | 71 | 73 | 68 | 80 | 83 | 211 | 290 | 426 | 453 | 479 |
| 35,5 | --- | $Pt_{0.20}$ | 74 | 83 | 90 | 106 | 138 | 156 | 159 | 174 | 275 | 305 | 371 |
| | FAN | $P_{tF.20}$ | 44 | 50 | 58 | 66 | 88 | 98 | 108 | 132 | 185 | 226 | 262 |
| | CC | $P_{tC.20}$ | 66 | 67 | 71 | 73 | 79 | 79 | 202 | 275 | 410 | 440 | 458 |
| 40 | --- | $Pt_{0.20}$ | 72 | 83 | 88 | 94 | 132 | 156 | 155 | 171 | 265 | 316 | 365 |
| | FAN | $P_{tF.20}$ | 43 | 49 | 56 | 58 | 83 | 97 | 104 | 128 | 175 | 206 | 252 |
| | CC | $P_{tC.20}$ | 63 | 67 | 69 | 64 | 75 | 78 | 194 | 268 | 389 | 402 | 440 |
| 45 | --- | $Pt_{0.20}$ | 69 | 79 | 85 | 101 | 129 | 149 | 149 | 164 | 255 | 299 | 350 |
| | FAN | $P_{tF.20}$ | 41 | 47 | 54 | 62 | 81 | 92 | 100 | 122 | 168 | 193 | 241 |
| | CC | $P_{tC.20}$ | 61 | 64 | 66 | 69 | 73 | 74 | 186 | 254 | 374 | 377 | 420 |
| 50 | --- | $Pt_{0.20}$ | 67 | 77 | 83 | 88 | 123 | 145 | 136 | 163 | 191 | 292 | 326 |
| | FAN | $P_{tF.20}$ | 39 | 46 | 52 | 54 | 77 | 89 | 85 | 108 | 130 | 188 | 209 |
| | CC | $P_{tC.20}$ | 59 | 62 | 64 | 60 | 69 | 72 | 158 | 226 | 292 | 367 | 366 |
| 56 | --- | $Pt_{0.20}$ | 60 | 74 | 84 | 94 | 119 | 139 | 131 | 156 | 186 | 266 | 314 |
| | FAN | $P_{tF.20}$ | 35 | 43 | 50 | 58 | 71 | 85 | 82 | 103 | 126 | 165 | 201 |
| | CC | $P_{tC.20}$ | 52 | 59 | 60 | 64 | 64 | 69 | 152 | 216 | 283 | 321 | 351 |
| 63 | --- | $Pt_{0.20}$ | 58 | 67 | 82 | 87 | 114 | 134 | 128 | 153 | 180 | 261 | 306 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 48 | 50 | 68 | 78 | 79 | 101 | 121 | 161 | 194 |
| | CC | $P_{tC.20}$ | 50 | 53 | 59 | 55 | 61 | 63 | 147 | 211 | 272 | 313 | 340 |
| 71 | --- | $Pt_{0.20}$ | 56 | 64 | 79 | 93 | 112 | 128 | 123 | 147 | 175 | 247 | 294 |
| | FAN | $P_{tF.20}$ | 33 | 37 | 46 | 53 | 66 | 74 | 76 | 96 | 117 | 152 | 187 |
| | CC | $P_{tC.20}$ | 49 | 51 | 56 | 59 | 59 | 60 | 142 | 201 | 263 | 296 | 327 |
| 80 | --- | $Pt_{0.20}$ | 54 | 63 | 77 | 81 | 107 | 125 | 101 | 126 | 150 | 241 | 231 |
| | FAN | $P_{tF.20}$ | 32 | 37 | 45 | 47 | 63 | 73 | 64 | 83 | 105 | 148 | 161 |
| | CC | $P_{tC.20}$ | 47 | 50 | 55 | 51 | 57 | 59 | 120 | 173 | 235 | 289 | 280 |
| 90 | --- | $Pt_{0.20}$ | 53 | 60 | 73 | 87 | 103 | 120 | 97 | 123 | 145 | 194 | 225 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 43 | 50 | 61 | 69 | 62 | 80 | 100 | 131 | 155 |
| | CC | $P_{tC.20}$ | 46 | 47 | 52 | 55 | 54 | 56 | 114 | 167 | 224 | 254 | 271 |
| 100 | --- | $Pt_{0.20}$ | 51 | 59 | 71 | 75 | 99 | 115 | 94 | 119 | 141 | 184 | 217 |
| | FAN | $P_{tF.20}$ | 30 | 34 | 41 | 43 | 58 | 67 | 60 | 77 | 98 | 123 | 150 |
| | CC | $P_{tC.20}$ | 44 | 47 | 50 | 47 | 52 | 54 | 111 | 160 | 218 | 239 | 262 |

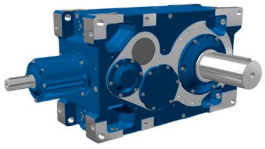


| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 43 | 57 | 57 | 80 | 86 | 110 | 95 | 120 | 141 | 180 | 221 |
| | FAN | $P_{tF.20}$ | 25 | 33 | 33 | 46 | 51 | 64 | 60 | 78 | 96 | 120 | 149 |
| | CC | $P_{tC.20}$ | 38 | 45 | 41 | 51 | 46 | 52 | 111 | 162 | 215 | 234 | 260 |
| 125 | --- | $Pt_{0.20}$ | 42 | 48 | 55 | 59 | 83 | 96 | 92 | 116 | 138 | 178 | 213 |
| | FAN | $P_{tF.20}$ | 24 | 28 | 33 | 34 | 49 | 56 | 58 | 75 | 94 | 117 | 144 |
| | CC | $P_{tC.20}$ | 36 | 38 | 40 | 38 | 44 | 45 | 108 | 155 | 209 | 228 | 251 |
| 140 | --- | $Pt_{0.20}$ | 41 | 46 | 53 | 62 | 80 | 92 | 89 | 112 | 132 | 174 | 206 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 31 | 36 | 47 | 54 | 55 | 72 | 89 | 115 | 139 |
| | CC | $P_{tC.20}$ | 36 | 37 | 38 | 40 | 42 | 43 | 102 | 149 | 198 | 224 | 243 |
| 160 | --- | $Pt_{0.20}$ | 40 | 45 | 52 | 55 | 77 | 89 | 86 | 108 | 128 | 164 | 199 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 30 | 32 | 45 | 52 | 53 | 69 | 86 | 107 | 134 |
| | CC | $P_{tC.20}$ | 34 | 36 | 37 | 35 | 40 | 42 | 99 | 143 | 192 | 209 | 234 |
| 180 | --- | $Pt_{0.20}$ | 39 | 44 | 52 | 58 | 75 | 86 | 84 | 106 | 126 | 161 | 194 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 34 | 44 | 49 | 52 | 67 | 84 | 105 | 129 |
| | CC | $P_{tC.20}$ | 33 | 35 | 37 | 37 | 40 | 40 | 97 | 140 | 188 | 204 | 225 |
| 200 | --- | $Pt_{0.20}$ | 37 | 43 | 50 | 54 | 72 | 84 | 81 | 102 | 122 | 156 | 187 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 31 | 42 | 48 | 50 | 65 | 82 | 102 | 124 |
| | CC | $P_{tC.20}$ | 32 | 34 | 36 | 34 | 38 | 39 | 93 | 134 | 182 | 197 | 217 |
| 224 | --- | $Pt_{0.20}$ | 38 | 41 | 49 | 57 | 74 | 81 | 78 | 99 | 117 | 153 | 181 |
| | FAN | $P_{tF.20}$ | 22 | 24 | 29 | 33 | 43 | 46 | 48 | 62 | 77 | 99 | 120 |
| | CC | $P_{tC.20}$ | 32 | 32 | 35 | 36 | 39 | 38 | 89 | 129 | 172 | 193 | 209 |
| 250 | --- | $Pt_{0.20}$ | 36 | 42 | 48 | 51 | 71 | 82 | 76 | 95 | 114 | 144 | 175 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 28 | 29 | 41 | 47 | 46 | 60 | 75 | 93 | 116 |
| | CC | $P_{tC.20}$ | 31 | 33 | 34 | 32 | 37 | 38 | 86 | 124 | 167 | 180 | 202 |
| 280 | --- | $Pt_{0.20}$ | 35 | 40 | 46 | 54 | 68 | 79 | 72 | 90 | 108 | 141 | 165 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 27 | 31 | 39 | 45 | 44 | 57 | 72 | 91 | 109 |
| | CC | $P_{tC.20}$ | 30 | 32 | 33 | 34 | 35 | 37 | 82 | 118 | 159 | 176 | 191 |
| 315 | --- | $Pt_{0.20}$ | 34 | 39 | 45 | 48 | 65 | 75 | 70 | 87 | 105 | 130 | 159 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 26 | 27 | 38 | 43 | 43 | 55 | 70 | 85 | 105 |
| | CC | $P_{tC.20}$ | 29 | 31 | 32 | 30 | 34 | 35 | 79 | 113 | 155 | 165 | 184 |
| 355 | --- | $Pt_{0.20}$ | 33 | 38 | 45 | 51 | 64 | 72 | 67 | 84 | 100 | 127 | 154 |
| | FAN | $P_{tF.20}$ | 19 | 22 | 26 | 29 | 37 | 42 | 41 | 52 | 66 | 83 | 102 |
| | CC | $P_{tC.20}$ | 29 | 30 | 32 | 32 | 33 | 34 | 75 | 109 | 147 | 162 | 178 |
| 400 | --- | $Pt_{0.20}$ | 32 | 37 | 44 | 46 | 61 | 71 | 65 | 81 | 98 | 127 | 149 |
| | FAN | $P_{tF.20}$ | 18 | 21 | 25 | 27 | 35 | 41 | 39 | 50 | 64 | 83 | 98 |
| | CC | $P_{tC.20}$ | 28 | 29 | 31 | 29 | 32 | 33 | 73 | 104 | 142 | 162 | 171 |
| 450 | --- | $Pt_{0.20}$ | --- | 35 | --- | 49 | --- | 68 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 20 | --- | 28 | --- | 39 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 28 | --- | 31 | --- | 31 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1000 rpm
# @ 40°C = 104°F

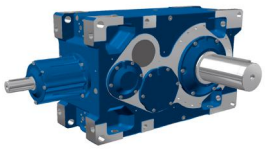


| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 161 | 150 | 232 | --- | 200 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 146 | 192 | 259 | --- | 386 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 317 | 463 | 662 | --- | 769 |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 156 | 144 | 225 | 252 | 198 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 139 | 181 | 248 | 285 | 367 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 303 | 436 | 633 | 639 | 731 |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 160 | 159 | 244 | 249 | 255 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 135 | 176 | 241 | 277 | 350 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 294 | 427 | 619 | 621 | 704 |
| 18 | --- | $Pt_{0.40}$ | 81 | --- | 94 | --- | 137 | --- | 155 | 152 | 236 | 266 | 247 |
| | FAN | $P_{tF.40}$ | 51 | --- | 67 | --- | 100 | --- | 129 | 166 | 231 | 257 | 333 |
| | CC | $P_{tC.20}$ | 89 | --- | 96 | --- | 106 | --- | 280 | 402 | 592 | 579 | 669 |
| 20 | --- | $Pt_{0.40}$ | 78 | 92 | 92 | 99 | 131 | 157 | 156 | 160 | 244 | 277 | 275 |
| | FAN | $P_{tF.40}$ | 49 | 57 | 65 | 67 | 95 | 110 | 125 | 163 | 221 | 247 | 319 |
| | CC | $P_{tC.20}$ | 85 | 91 | 93 | 87 | 101 | 105 | 272 | 395 | 569 | 559 | 644 |
| 22,4 | --- | $Pt_{0.40}$ | 77 | 87 | 91 | 106 | 134 | 150 | 150 | 152 | 235 | 270 | 265 |
| | FAN | $P_{tF.40}$ | 48 | 54 | 63 | 72 | 94 | 105 | 119 | 154 | 211 | 240 | 303 |
| | CC | $P_{tC.20}$ | 84 | 86 | 90 | 93 | 100 | 100 | 260 | 373 | 544 | 543 | 613 |
| 25 | --- | $Pt_{0.40}$ | 74 | 87 | 88 | 95 | 128 | 153 | 148 | 155 | 234 | 271 | 279 |
| | FAN | $P_{tF.40}$ | 46 | 54 | 61 | 63 | 90 | 104 | 114 | 148 | 198 | 227 | 286 |
| | CC | $P_{tC.20}$ | 80 | 86 | 88 | 82 | 95 | 99 | 248 | 359 | 510 | 515 | 580 |
| 28 | --- | $Pt_{0.40}$ | 67 | 83 | 80 | 102 | 122 | 146 | 142 | 148 | 225 | 264 | 268 |
| | FAN | $P_{tF.40}$ | 40 | 51 | 53 | 68 | 80 | 99 | 109 | 140 | 189 | 221 | 273 |
| | CC | $P_{tC.20}$ | 71 | 81 | 76 | 88 | 85 | 94 | 237 | 339 | 488 | 500 | 552 |
| 31,5 | --- | $Pt_{0.40}$ | 64 | 75 | 78 | 84 | 117 | 138 | 138 | 148 | 239 | 256 | 320 |
| | FAN | $P_{tF.40}$ | 39 | 45 | 51 | 54 | 77 | 89 | 98 | 120 | 167 | 204 | 240 |
| | CC | $P_{tC.20}$ | 68 | 72 | 74 | 70 | 81 | 85 | 214 | 294 | 434 | 463 | 489 |
| 35,5 | --- | $Pt_{0.40}$ | 64 | 71 | 77 | 90 | 117 | 132 | 133 | 142 | 231 | 249 | 308 |
| | FAN | $P_{tF.40}$ | 38 | 43 | 50 | 57 | 76 | 84 | 94 | 114 | 161 | 198 | 229 |
| | CC | $P_{tC.20}$ | 67 | 69 | 72 | 74 | 80 | 81 | 205 | 280 | 417 | 450 | 468 |
| 40 | --- | $Pt_{0.40}$ | 61 | 71 | 75 | 80 | 112 | 132 | 129 | 140 | 223 | 266 | 304 |
| | FAN | $P_{tF.40}$ | 37 | 43 | 49 | 51 | 72 | 84 | 90 | 111 | 152 | 180 | 220 |
| | CC | $P_{tC.20}$ | 64 | 68 | 70 | 66 | 77 | 80 | 197 | 272 | 396 | 411 | 449 |
| 45 | --- | $Pt_{0.40}$ | 59 | 68 | 72 | 85 | 110 | 126 | 125 | 134 | 215 | 253 | 292 |
| | FAN | $P_{tF.40}$ | 35 | 40 | 47 | 54 | 70 | 80 | 86 | 106 | 147 | 168 | 210 |
| | CC | $P_{tC.20}$ | 62 | 65 | 67 | 70 | 74 | 76 | 189 | 258 | 381 | 384 | 429 |
| 50 | --- | $Pt_{0.40}$ | 57 | 66 | 70 | 75 | 105 | 124 | 115 | 137 | 161 | 246 | 276 |
| | FAN | $P_{tF.40}$ | 34 | 39 | 45 | 47 | 67 | 77 | 73 | 93 | 112 | 164 | 182 |
| | CC | $P_{tC.20}$ | 60 | 63 | 65 | 61 | 71 | 74 | 161 | 229 | 296 | 374 | 373 |
| 56 | --- | $Pt_{0.40}$ | 52 | 63 | 72 | 80 | 103 | 118 | 112 | 131 | 156 | 226 | 265 |
| | FAN | $P_{tF.40}$ | 30 | 38 | 43 | 50 | 61 | 74 | 70 | 89 | 109 | 144 | 175 |
| | CC | $P_{tC.20}$ | 53 | 60 | 62 | 65 | 65 | 70 | 155 | 219 | 287 | 328 | 359 |
| 63 | --- | $Pt_{0.40}$ | 50 | 58 | 70 | 75 | 98 | 115 | 108 | 129 | 151 | 221 | 259 |
| | FAN | $P_{tF.40}$ | 29 | 34 | 42 | 43 | 58 | 67 | 68 | 87 | 104 | 140 | 169 |
| | CC | $P_{tC.20}$ | 51 | 54 | 60 | 56 | 62 | 64 | 150 | 214 | 276 | 320 | 347 |
| 71 | --- | $Pt_{0.40}$ | 48 | 55 | 68 | 80 | 96 | 110 | 105 | 124 | 147 | 210 | 249 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 40 | 46 | 57 | 64 | 66 | 83 | 101 | 132 | 163 |
| | CC | $P_{tC.20}$ | 50 | 52 | 57 | 60 | 60 | 61 | 144 | 204 | 267 | 302 | 333 |
| 80 | --- | $Pt_{0.40}$ | 47 | 54 | 66 | 70 | 92 | 107 | 85 | 106 | 125 | 205 | 192 |
| | FAN | $P_{tF.40}$ | 27 | 32 | 39 | 40 | 54 | 63 | 56 | 72 | 91 | 129 | 140 |
| | CC | $P_{tC.20}$ | 48 | 51 | 56 | 52 | 58 | 60 | 122 | 176 | 239 | 295 | 286 |
| 90 | --- | $Pt_{0.40}$ | 46 | 52 | 63 | 74 | 89 | 103 | 82 | 104 | 121 | 162 | 187 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 37 | 43 | 52 | 60 | 53 | 70 | 87 | 115 | 136 |
| | CC | $P_{tC.20}$ | 47 | 48 | 53 | 56 | 55 | 57 | 117 | 170 | 228 | 260 | 277 |
| 100 | --- | $Pt_{0.40}$ | 44 | 51 | 61 | 65 | 85 | 99 | 80 | 100 | 118 | 154 | 181 |
| | FAN | $P_{tF.40}$ | 26 | 30 | 36 | 37 | 50 | 58 | 52 | 67 | 85 | 108 | 131 |
| | CC | $P_{tC.20}$ | 45 | 48 | 51 | 48 | 53 | 55 | 113 | 163 | 221 | 244 | 268 |

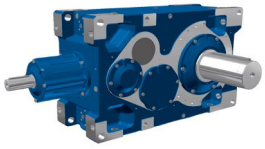


| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 37 | 49 | 49 | 69 | 74 | 95 | 81 | 102 | 118 | 151 | 184 |
| | FAN | $P_{tF.40}$ | 22 | 28 | 29 | 40 | 44 | 55 | 52 | 67 | 84 | 106 | 130 |
| | CC | $P_{tC.20}$ | 38 | 45 | 41 | 52 | 47 | 53 | 113 | 164 | 219 | 239 | 266 |
| 125 | --- | $Pt_{0.40}$ | 36 | 41 | 47 | 51 | 71 | 83 | 78 | 98 | 115 | 149 | 178 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 29 | 42 | 48 | 50 | 65 | 81 | 103 | 126 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 38 | 45 | 46 | 109 | 158 | 212 | 233 | 257 |
| 140 | --- | $Pt_{0.40}$ | 35 | 40 | 46 | 53 | 68 | 79 | 75 | 95 | 110 | 146 | 173 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 27 | 31 | 41 | 47 | 48 | 62 | 77 | 101 | 121 |
| | CC | $P_{tC.20}$ | 36 | 37 | 39 | 40 | 43 | 44 | 104 | 152 | 202 | 229 | 248 |
| 160 | --- | $Pt_{0.40}$ | 34 | 39 | 45 | 48 | 66 | 76 | 73 | 91 | 107 | 138 | 167 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 26 | 28 | 39 | 45 | 46 | 60 | 75 | 94 | 117 |
| | CC | $P_{tC.20}$ | 35 | 37 | 38 | 36 | 41 | 43 | 101 | 145 | 196 | 213 | 239 |
| 180 | --- | $Pt_{0.40}$ | 33 | 38 | 44 | 50 | 65 | 73 | 71 | 90 | 106 | 135 | 163 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 29 | 38 | 43 | 45 | 59 | 73 | 92 | 112 |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 38 | 40 | 41 | 98 | 143 | 191 | 209 | 230 |
| 200 | --- | $Pt_{0.40}$ | 32 | 37 | 43 | 46 | 62 | 72 | 69 | 86 | 103 | 132 | 157 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 26 | 27 | 37 | 42 | 44 | 56 | 71 | 89 | 109 |
| | CC | $P_{tC.20}$ | 33 | 35 | 37 | 35 | 39 | 40 | 95 | 137 | 185 | 202 | 222 |
| 224 | --- | $Pt_{0.40}$ | 32 | 35 | 42 | 49 | 63 | 69 | 66 | 84 | 98 | 129 | 152 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 28 | 37 | 40 | 42 | 54 | 67 | 87 | 105 |
| | CC | $P_{tC.20}$ | 33 | 33 | 36 | 37 | 40 | 38 | 91 | 131 | 175 | 198 | 214 |
| 250 | --- | $Pt_{0.40}$ | 31 | 36 | 41 | 44 | 61 | 71 | 64 | 80 | 96 | 121 | 147 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 24 | 25 | 36 | 41 | 40 | 52 | 65 | 81 | 101 |
| | CC | $P_{tC.20}$ | 32 | 34 | 35 | 33 | 38 | 39 | 88 | 126 | 170 | 184 | 206 |
| 280 | --- | $Pt_{0.40}$ | 30 | 34 | 40 | 47 | 58 | 68 | 61 | 77 | 91 | 119 | 139 |
| | FAN | $P_{tF.40}$ | 18 | 20 | 23 | 27 | 34 | 39 | 38 | 49 | 62 | 80 | 95 |
| | CC | $P_{tC.20}$ | 31 | 32 | 34 | 35 | 36 | 38 | 83 | 120 | 162 | 180 | 194 |
| 315 | --- | $Pt_{0.40}$ | 29 | 34 | 39 | 41 | 56 | 65 | 59 | 74 | 88 | 109 | 134 |
| | FAN | $P_{tF.40}$ | 17 | 20 | 23 | 24 | 33 | 38 | 37 | 47 | 60 | 74 | 92 |
| | CC | $P_{tC.20}$ | 30 | 32 | 33 | 31 | 35 | 36 | 81 | 115 | 158 | 169 | 188 |
| 355 | --- | $Pt_{0.40}$ | 28 | 32 | 39 | 44 | 55 | 62 | 57 | 71 | 84 | 107 | 130 |
| | FAN | $P_{tF.40}$ | 17 | 19 | 23 | 25 | 32 | 36 | 35 | 46 | 57 | 73 | 89 |
| | CC | $P_{tC.20}$ | 29 | 30 | 33 | 33 | 34 | 34 | 77 | 111 | 149 | 165 | 181 |
| 400 | --- | $Pt_{0.40}$ | 27 | 32 | 38 | 40 | 53 | 61 | 55 | 69 | 82 | 107 | 125 |
| | FAN | $P_{tF.40}$ | 16 | 18 | 22 | 23 | 31 | 35 | 34 | 44 | 56 | 73 | 86 |
| | CC | $P_{tC.20}$ | 28 | 30 | 32 | 30 | 33 | 34 | 74 | 106 | 145 | 165 | 175 |
| 450 | --- | $Pt_{0.40}$ | --- | 30 | --- | 42 | --- | 59 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 18 | --- | 24 | --- | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 28 | --- | 32 | --- | 32 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1200 rpm
# @ 20°C = 68°F

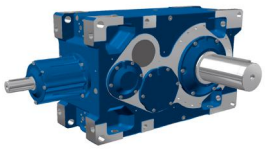


| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 177 | 147 | 235 | --- | 131 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 178 | 236 | 321 | --- | 493 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 330 | 485 | 699 | --- | 832 |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 172 | 142 | 230 | 253 | 136 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 171 | 223 | 306 | 353 | 467 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 316 | 458 | 668 | 676 | 790 |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 181 | 165 | 259 | 252 | 230 |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 165 | 217 | 297 | 343 | 438 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 305 | 447 | 651 | 657 | 750 |
| 18 | --- | $Pt_{0.20}$ | 97 | --- | 111 | --- | 160 | --- | 174 | 158 | 251 | 284 | 225 |
| | FAN | $P_{tF.20}$ | 62 | --- | 81 | --- | 122 | --- | 157 | 205 | 284 | 317 | 416 |
| | CC | $P_{tC.20}$ | 92 | --- | 99 | --- | 110 | --- | 292 | 421 | 622 | 610 | 712 |
| 20 | --- | $Pt_{0.20}$ | 93 | 110 | 108 | 117 | 153 | 184 | 178 | 171 | 267 | 303 | 273 |
| | FAN | $P_{tF.20}$ | 59 | 69 | 79 | 82 | 116 | 135 | 153 | 200 | 272 | 304 | 396 |
| | CC | $P_{tC.20}$ | 88 | 94 | 96 | 90 | 105 | 109 | 283 | 413 | 597 | 587 | 682 |
| 22,4 | --- | $Pt_{0.20}$ | 93 | 104 | 107 | 125 | 157 | 176 | 171 | 163 | 258 | 296 | 264 |
| | FAN | $P_{tF.20}$ | 59 | 66 | 77 | 88 | 115 | 128 | 146 | 189 | 260 | 295 | 376 |
| | CC | $P_{tC.20}$ | 87 | 89 | 93 | 97 | 104 | 104 | 270 | 390 | 571 | 570 | 648 |
| 25 | --- | $Pt_{0.20}$ | 89 | 104 | 104 | 113 | 150 | 180 | 169 | 169 | 261 | 302 | 292 |
| | FAN | $P_{tF.20}$ | 56 | 65 | 74 | 77 | 110 | 127 | 139 | 181 | 242 | 279 | 353 |
| | CC | $P_{tC.20}$ | 83 | 89 | 91 | 85 | 99 | 103 | 258 | 375 | 534 | 540 | 611 |
| 28 | --- | $Pt_{0.20}$ | 80 | 99 | 95 | 121 | 145 | 172 | 163 | 161 | 252 | 295 | 281 |
| | FAN | $P_{tF.20}$ | 49 | 62 | 64 | 82 | 98 | 121 | 133 | 171 | 232 | 271 | 336 |
| | CC | $P_{tC.20}$ | 73 | 84 | 79 | 91 | 88 | 98 | 246 | 354 | 512 | 524 | 582 |
| 31,5 | --- | $Pt_{0.20}$ | 77 | 90 | 93 | 101 | 140 | 165 | 162 | 170 | 280 | 289 | 369 |
| | FAN | $P_{tF.20}$ | 47 | 55 | 63 | 65 | 93 | 108 | 119 | 146 | 204 | 250 | 293 |
| | CC | $P_{tC.20}$ | 70 | 75 | 76 | 72 | 84 | 87 | 222 | 305 | 452 | 485 | 510 |
| 35,5 | --- | $Pt_{0.20}$ | 77 | 86 | 91 | 107 | 139 | 158 | 156 | 163 | 270 | 282 | 354 |
| | FAN | $P_{tF.20}$ | 47 | 52 | 61 | 70 | 92 | 103 | 114 | 139 | 196 | 243 | 280 |
| | CC | $P_{tC.20}$ | 69 | 71 | 74 | 77 | 83 | 83 | 213 | 290 | 435 | 471 | 488 |
| 40 | --- | $Pt_{0.20}$ | 74 | 86 | 89 | 96 | 134 | 158 | 152 | 162 | 262 | 312 | 353 |
| | FAN | $P_{tF.20}$ | 45 | 52 | 59 | 62 | 88 | 102 | 110 | 135 | 186 | 220 | 268 |
| | CC | $P_{tC.20}$ | 67 | 71 | 72 | 68 | 79 | 82 | 204 | 282 | 412 | 428 | 467 |
| 45 | --- | $Pt_{0.20}$ | 71 | 82 | 86 | 102 | 131 | 151 | 147 | 155 | 253 | 298 | 339 |
| | FAN | $P_{tF.20}$ | 43 | 49 | 57 | 66 | 85 | 97 | 105 | 129 | 179 | 205 | 256 |
| | CC | $P_{tC.20}$ | 64 | 67 | 69 | 72 | 77 | 79 | 196 | 268 | 397 | 400 | 447 |
| 50 | --- | $Pt_{0.20}$ | 69 | 80 | 84 | 90 | 125 | 148 | 138 | 162 | 190 | 291 | 325 |
| | FAN | $P_{tF.20}$ | 42 | 48 | 55 | 57 | 82 | 94 | 89 | 113 | 136 | 200 | 222 |
| | CC | $P_{tC.20}$ | 62 | 66 | 67 | 63 | 73 | 76 | 166 | 237 | 306 | 389 | 388 |
| 56 | --- | $Pt_{0.20}$ | 62 | 76 | 87 | 96 | 124 | 141 | 134 | 156 | 185 | 270 | 314 |
| | FAN | $P_{tF.20}$ | 37 | 46 | 52 | 61 | 74 | 90 | 86 | 108 | 132 | 175 | 214 |
| | CC | $P_{tC.20}$ | 55 | 62 | 64 | 67 | 67 | 73 | 160 | 226 | 297 | 341 | 373 |
| 63 | --- | $Pt_{0.20}$ | 60 | 70 | 85 | 90 | 119 | 139 | 130 | 153 | 179 | 264 | 306 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 51 | 53 | 71 | 82 | 83 | 106 | 127 | 171 | 206 |
| | CC | $P_{tC.20}$ | 53 | 56 | 62 | 58 | 64 | 66 | 155 | 221 | 285 | 333 | 360 |
| 71 | --- | $Pt_{0.20}$ | 59 | 67 | 82 | 96 | 116 | 133 | 126 | 147 | 174 | 250 | 295 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 49 | 56 | 69 | 78 | 80 | 101 | 123 | 161 | 198 |
| | CC | $P_{tC.20}$ | 51 | 53 | 59 | 62 | 62 | 63 | 149 | 211 | 276 | 314 | 346 |
| 80 | --- | $Pt_{0.20}$ | 57 | 65 | 80 | 85 | 111 | 130 | 101 | 125 | 145 | 245 | 222 |
| | FAN | $P_{tF.20}$ | 33 | 38 | 47 | 49 | 66 | 76 | 68 | 88 | 111 | 157 | 172 |
| | CC | $P_{tC.20}$ | 50 | 52 | 58 | 54 | 60 | 62 | 126 | 183 | 248 | 306 | 299 |
| 90 | --- | $Pt_{0.20}$ | 55 | 62 | 76 | 90 | 107 | 124 | 98 | 122 | 141 | 189 | 216 |
| | FAN | $P_{tF.20}$ | 33 | 37 | 45 | 53 | 64 | 73 | 65 | 85 | 106 | 140 | 166 |
| | CC | $P_{tC.20}$ | 48 | 50 | 55 | 58 | 57 | 59 | 121 | 176 | 236 | 272 | 289 |
| 100 | --- | $Pt_{0.20}$ | 53 | 62 | 74 | 78 | 103 | 120 | 95 | 118 | 137 | 179 | 209 |
| | FAN | $P_{tF.20}$ | 31 | 36 | 44 | 45 | 61 | 70 | 63 | 82 | 103 | 132 | 160 |
| | CC | $P_{tC.20}$ | 47 | 49 | 53 | 50 | 55 | 57 | 117 | 169 | 230 | 255 | 279 |



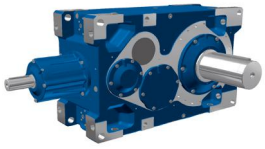
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 45 | 59 | 59 | 83 | 89 | 115 | 96 | 120 | 138 | 176 | 215 |
| | FAN | $P_{tF.20}$ | 27 | 34 | 35 | 48 | 54 | 67 | 63 | 82 | 102 | 129 | 159 |
| | CC | $P_{tC.20}$ | 40 | 47 | 43 | 53 | 48 | 54 | 117 | 171 | 227 | 250 | 277 |
| 125 | --- | $Pt_{0.20}$ | 44 | 50 | 57 | 61 | 86 | 100 | 93 | 116 | 135 | 175 | 208 |
| | FAN | $P_{tF.20}$ | 26 | 29 | 34 | 36 | 52 | 59 | 61 | 79 | 99 | 126 | 154 |
| | CC | $P_{tC.20}$ | 38 | 40 | 42 | 40 | 46 | 48 | 113 | 164 | 221 | 244 | 268 |
| 140 | --- | $Pt_{0.20}$ | 43 | 48 | 55 | 65 | 83 | 96 | 90 | 113 | 129 | 171 | 202 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 33 | 38 | 49 | 57 | 58 | 76 | 94 | 123 | 148 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 42 | 44 | 46 | 108 | 157 | 209 | 238 | 258 |
| 160 | --- | $Pt_{0.20}$ | 41 | 47 | 54 | 58 | 79 | 92 | 87 | 108 | 126 | 161 | 195 |
| | FAN | $P_{tF.20}$ | 24 | 28 | 32 | 34 | 48 | 54 | 56 | 73 | 92 | 115 | 143 |
| | CC | $P_{tC.20}$ | 36 | 38 | 39 | 37 | 43 | 44 | 105 | 151 | 204 | 223 | 249 |
| 180 | --- | $Pt_{0.20}$ | 40 | 45 | 54 | 61 | 78 | 89 | 85 | 107 | 124 | 158 | 191 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 36 | 47 | 52 | 55 | 71 | 89 | 112 | 137 |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 39 | 42 | 42 | 102 | 148 | 198 | 218 | 239 |
| 200 | --- | $Pt_{0.20}$ | 39 | 45 | 52 | 56 | 75 | 87 | 82 | 103 | 121 | 155 | 184 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 31 | 33 | 45 | 51 | 53 | 68 | 86 | 109 | 132 |
| | CC | $P_{tC.20}$ | 34 | 36 | 38 | 36 | 40 | 41 | 99 | 142 | 192 | 211 | 231 |
| 224 | --- | $Pt_{0.20}$ | 39 | 43 | 51 | 59 | 76 | 84 | 79 | 99 | 116 | 151 | 178 |
| | FAN | $P_{tF.20}$ | 23 | 25 | 30 | 35 | 46 | 49 | 51 | 66 | 82 | 106 | 128 |
| | CC | $P_{tC.20}$ | 34 | 34 | 37 | 38 | 41 | 40 | 94 | 136 | 182 | 206 | 223 |
| 250 | --- | $Pt_{0.20}$ | 38 | 44 | 50 | 53 | 73 | 85 | 77 | 96 | 112 | 142 | 172 |
| | FAN | $P_{tF.20}$ | 22 | 26 | 30 | 31 | 44 | 50 | 49 | 63 | 80 | 99 | 123 |
| | CC | $P_{tC.20}$ | 33 | 35 | 36 | 34 | 39 | 41 | 91 | 131 | 177 | 192 | 215 |
| 280 | --- | $Pt_{0.20}$ | 37 | 42 | 48 | 57 | 70 | 82 | 73 | 91 | 107 | 139 | 163 |
| | FAN | $P_{tF.20}$ | 22 | 24 | 28 | 33 | 42 | 48 | 46 | 60 | 76 | 97 | 116 |
| | CC | $P_{tC.20}$ | 32 | 33 | 35 | 36 | 37 | 39 | 86 | 125 | 169 | 188 | 203 |
| 315 | --- | $Pt_{0.20}$ | 36 | 41 | 47 | 50 | 67 | 78 | 71 | 88 | 104 | 128 | 157 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 28 | 29 | 40 | 46 | 45 | 58 | 74 | 90 | 112 |
| | CC | $P_{tC.20}$ | 31 | 33 | 34 | 32 | 36 | 37 | 84 | 120 | 164 | 176 | 196 |
| 355 | --- | $Pt_{0.20}$ | 34 | 39 | 47 | 53 | 66 | 75 | 68 | 85 | 100 | 126 | 152 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 28 | 31 | 39 | 44 | 43 | 55 | 70 | 89 | 108 |
| | CC | $P_{tC.20}$ | 30 | 31 | 34 | 34 | 35 | 36 | 80 | 115 | 155 | 172 | 189 |
| 400 | --- | $Pt_{0.20}$ | 33 | 38 | 45 | 48 | 63 | 74 | 66 | 82 | 97 | 126 | 147 |
| | FAN | $P_{tF.20}$ | 19 | 22 | 27 | 28 | 37 | 43 | 42 | 53 | 68 | 89 | 104 |
| | CC | $P_{tC.20}$ | 29 | 31 | 33 | 31 | 34 | 35 | 77 | 110 | 151 | 172 | 182 |
| 450 | --- | $Pt_{0.20}$ | --- | 37 | --- | 51 | --- | 71 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 21 | --- | 30 | --- | 41 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 29 | --- | 33 | --- | 33 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1200 rpm
# @ 40°C = 104°F



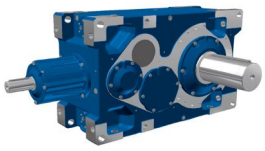
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 133 | 87 | 153 | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 156 | 210 | 286 | --- | 451 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 337 | 498 | 719 | --- | 871 |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 130 | 85 | 152 | 162 | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 149 | 198 | 273 | 316 | 438 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 322 | 470 | 687 | 699 | 838 |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 140 | 111 | 184 | 163 | 111 |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 144 | 191 | 264 | 307 | 399 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 312 | 457 | 668 | 679 | 783 |
| 18 | --- | $Pt_{0.40}$ | 82 | --- | 91 | --- | 130 | --- | 135 | 107 | 180 | 204 | 113 |
| | FAN | $P_{tF.40}$ | 54 | --- | 70 | --- | 106 | --- | 137 | 180 | 252 | 281 | 379 |
| | CC | $P_{tC.20}$ | 94 | --- | 101 | --- | 112 | --- | 298 | 431 | 639 | 628 | 744 |
| 20 | --- | $Pt_{0.40}$ | 79 | 93 | 89 | 97 | 125 | 151 | 140 | 121 | 200 | 226 | 171 |
| | FAN | $P_{tF.40}$ | 51 | 60 | 68 | 71 | 101 | 117 | 133 | 175 | 240 | 269 | 354 |
| | CC | $P_{tC.20}$ | 90 | 96 | 98 | 92 | 107 | 112 | 289 | 422 | 612 | 603 | 705 |
| 22,4 | --- | $Pt_{0.40}$ | 78 | 88 | 88 | 104 | 129 | 145 | 135 | 116 | 193 | 222 | 167 |
| | FAN | $P_{tF.40}$ | 51 | 57 | 66 | 76 | 100 | 111 | 127 | 166 | 229 | 261 | 337 |
| | CC | $P_{tC.20}$ | 89 | 91 | 95 | 99 | 106 | 106 | 276 | 398 | 585 | 586 | 671 |
| 25 | --- | $Pt_{0.40}$ | 75 | 89 | 86 | 94 | 123 | 149 | 135 | 125 | 201 | 233 | 203 |
| | FAN | $P_{tF.40}$ | 48 | 56 | 64 | 67 | 95 | 110 | 121 | 159 | 213 | 246 | 314 |
| | CC | $P_{tC.20}$ | 85 | 90 | 92 | 86 | 101 | 105 | 263 | 383 | 546 | 553 | 630 |
| 28 | --- | $Pt_{0.40}$ | 68 | 84 | 80 | 100 | 122 | 142 | 130 | 119 | 194 | 228 | 196 |
| | FAN | $P_{tF.40}$ | 42 | 53 | 56 | 71 | 85 | 105 | 115 | 150 | 204 | 239 | 299 |
| | CC | $P_{tC.20}$ | 74 | 86 | 80 | 93 | 90 | 100 | 251 | 362 | 523 | 537 | 600 |
| 31,5 | --- | $Pt_{0.40}$ | 66 | 77 | 78 | 85 | 117 | 139 | 133 | 134 | 230 | 227 | 297 |
| | FAN | $P_{tF.40}$ | 41 | 47 | 54 | 56 | 81 | 93 | 103 | 127 | 178 | 220 | 257 |
| | CC | $P_{tC.20}$ | 72 | 76 | 78 | 73 | 86 | 89 | 226 | 310 | 461 | 497 | 522 |
| 35,5 | --- | $Pt_{0.40}$ | 65 | 73 | 77 | 90 | 117 | 133 | 128 | 129 | 222 | 222 | 286 |
| | FAN | $P_{tF.40}$ | 40 | 45 | 53 | 60 | 80 | 89 | 99 | 121 | 172 | 214 | 246 |
| | CC | $P_{tC.20}$ | 71 | 72 | 76 | 78 | 85 | 85 | 216 | 295 | 444 | 483 | 499 |
| 40 | --- | $Pt_{0.40}$ | 63 | 73 | 75 | 81 | 112 | 133 | 126 | 129 | 217 | 258 | 288 |
| | FAN | $P_{tF.40}$ | 39 | 45 | 51 | 53 | 76 | 88 | 95 | 117 | 162 | 192 | 235 |
| | CC | $P_{tC.20}$ | 68 | 72 | 73 | 69 | 81 | 84 | 208 | 287 | 420 | 437 | 478 |
| 45 | --- | $Pt_{0.40}$ | 61 | 70 | 72 | 86 | 110 | 128 | 121 | 124 | 209 | 248 | 277 |
| | FAN | $P_{tF.40}$ | 37 | 43 | 49 | 57 | 74 | 84 | 91 | 112 | 156 | 179 | 224 |
| | CC | $P_{tC.20}$ | 65 | 68 | 71 | 74 | 78 | 80 | 199 | 273 | 404 | 408 | 457 |
| 50 | --- | $Pt_{0.40}$ | 59 | 68 | 71 | 76 | 106 | 125 | 117 | 135 | 157 | 242 | 272 |
| | FAN | $P_{tF.40}$ | 36 | 42 | 48 | 50 | 71 | 82 | 77 | 98 | 118 | 175 | 194 |
| | CC | $P_{tC.20}$ | 63 | 67 | 69 | 64 | 75 | 78 | 168 | 241 | 310 | 397 | 396 |
| 56 | --- | $Pt_{0.40}$ | 53 | 65 | 75 | 81 | 106 | 120 | 113 | 130 | 153 | 227 | 262 |
| | FAN | $P_{tF.40}$ | 32 | 39 | 45 | 53 | 64 | 78 | 74 | 94 | 114 | 153 | 187 |
| | CC | $P_{tC.20}$ | 56 | 63 | 65 | 69 | 68 | 74 | 162 | 230 | 301 | 348 | 381 |
| 63 | --- | $Pt_{0.40}$ | 52 | 60 | 73 | 77 | 102 | 119 | 110 | 128 | 149 | 222 | 256 |
| | FAN | $P_{tF.40}$ | 31 | 35 | 44 | 46 | 62 | 71 | 72 | 91 | 110 | 149 | 180 |
| | CC | $P_{tC.20}$ | 54 | 57 | 63 | 59 | 65 | 68 | 157 | 224 | 289 | 339 | 368 |
| 71 | --- | $Pt_{0.40}$ | 50 | 57 | 70 | 83 | 99 | 114 | 106 | 123 | 145 | 211 | 247 |
| | FAN | $P_{tF.40}$ | 30 | 34 | 42 | 49 | 60 | 68 | 69 | 87 | 106 | 140 | 173 |
| | CC | $P_{tC.20}$ | 52 | 54 | 61 | 63 | 64 | 65 | 151 | 214 | 280 | 320 | 354 |
| 80 | --- | $Pt_{0.40}$ | 48 | 56 | 68 | 73 | 95 | 111 | 84 | 104 | 119 | 207 | 180 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 41 | 43 | 57 | 66 | 59 | 76 | 97 | 137 | 151 |
| | CC | $P_{tC.20}$ | 50 | 53 | 59 | 55 | 61 | 63 | 128 | 186 | 252 | 312 | 306 |
| 90 | --- | $Pt_{0.40}$ | 47 | 54 | 65 | 77 | 92 | 107 | 82 | 102 | 115 | 154 | 176 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 39 | 45 | 55 | 63 | 56 | 74 | 93 | 123 | 146 |
| | CC | $P_{tC.20}$ | 49 | 51 | 56 | 59 | 58 | 60 | 123 | 179 | 241 | 278 | 296 |
| 100 | --- | $Pt_{0.40}$ | 46 | 53 | 63 | 67 | 88 | 103 | 79 | 98 | 112 | 147 | 170 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 38 | 39 | 53 | 61 | 55 | 71 | 90 | 116 | 141 |
| | CC | $P_{tC.20}$ | 47 | 50 | 54 | 51 | 56 | 58 | 119 | 173 | 234 | 261 | 286 |

*** Additional Cooling Necessary - Consult Factory**



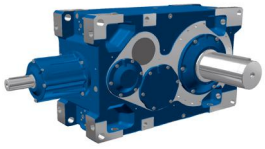
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 39 | 51 | 50 | 72 | 76 | 99 | 80 | 101 | 114 | 144 | 176 |
| | FAN | $P_{tF.40}$ | 23 | 30 | 30 | 42 | 46 | 58 | 55 | 71 | 89 | 113 | 139 |
| | CC | $P_{tC.20}$ | 40 | 48 | 44 | 54 | 49 | 55 | 119 | 174 | 231 | 256 | 283 |
| 125 | --- | $Pt_{0.40}$ | 37 | 43 | 49 | 53 | 73 | 85 | 78 | 97 | 111 | 144 | 170 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 30 | 31 | 45 | 51 | 53 | 68 | 86 | 110 | 134 |
| | CC | $P_{tC.20}$ | 39 | 41 | 43 | 40 | 47 | 49 | 115 | 167 | 225 | 249 | 274 |
| 140 | --- | $Pt_{0.40}$ | 36 | 41 | 47 | 55 | 71 | 82 | 75 | 94 | 107 | 141 | 166 |
| | FAN | $P_{tF.40}$ | 22 | 24 | 28 | 33 | 43 | 49 | 51 | 66 | 82 | 108 | 130 |
| | CC | $P_{tC.20}$ | 38 | 39 | 41 | 43 | 45 | 47 | 110 | 160 | 213 | 244 | 264 |
| 160 | --- | $Pt_{0.40}$ | 35 | 41 | 46 | 49 | 68 | 79 | 73 | 91 | 104 | 133 | 160 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 29 | 41 | 47 | 49 | 63 | 80 | 101 | 125 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 38 | 44 | 45 | 107 | 154 | 207 | 228 | 255 |
| 180 | --- | $Pt_{0.40}$ | 34 | 39 | 46 | 52 | 67 | 76 | 72 | 89 | 103 | 130 | 157 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 28 | 31 | 40 | 45 | 48 | 62 | 77 | 99 | 120 |
| | CC | $P_{tC.20}$ | 36 | 37 | 40 | 40 | 43 | 43 | 104 | 151 | 202 | 223 | 245 |
| 200 | --- | $Pt_{0.40}$ | 33 | 38 | 45 | 48 | 64 | 75 | 69 | 86 | 100 | 128 | 152 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 27 | 28 | 39 | 44 | 46 | 59 | 75 | 95 | 116 |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 37 | 41 | 42 | 100 | 144 | 196 | 216 | 236 |
| 224 | --- | $Pt_{0.40}$ | 34 | 37 | 44 | 51 | 65 | 72 | 67 | 84 | 96 | 125 | 147 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 26 | 30 | 39 | 43 | 44 | 57 | 71 | 93 | 112 |
| | CC | $P_{tC.20}$ | 35 | 35 | 38 | 39 | 42 | 41 | 96 | 139 | 186 | 211 | 228 |
| 250 | --- | $Pt_{0.40}$ | 32 | 37 | 43 | 46 | 63 | 73 | 65 | 80 | 93 | 118 | 142 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 38 | 43 | 43 | 55 | 69 | 87 | 108 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 35 | 40 | 41 | 93 | 133 | 180 | 197 | 220 |
| 280 | --- | $Pt_{0.40}$ | 32 | 36 | 41 | 49 | 60 | 70 | 61 | 77 | 89 | 115 | 135 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 28 | 36 | 42 | 40 | 52 | 66 | 85 | 101 |
| | CC | $P_{tC.20}$ | 33 | 34 | 35 | 37 | 38 | 40 | 88 | 127 | 171 | 193 | 207 |
| 315 | --- | $Pt_{0.40}$ | 30 | 35 | 40 | 43 | 58 | 67 | 60 | 74 | 86 | 106 | 130 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 24 | 25 | 35 | 40 | 39 | 50 | 64 | 79 | 98 |
| | CC | $P_{tC.20}$ | 32 | 33 | 34 | 32 | 37 | 38 | 85 | 122 | 167 | 180 | 200 |
| 355 | --- | $Pt_{0.40}$ | 30 | 34 | 40 | 45 | 57 | 65 | 57 | 72 | 83 | 104 | 126 |
| | FAN | $P_{tF.40}$ | 17 | 20 | 24 | 26 | 34 | 38 | 37 | 48 | 61 | 78 | 94 |
| | CC | $P_{tC.20}$ | 31 | 32 | 34 | 34 | 36 | 36 | 81 | 117 | 158 | 176 | 193 |
| 400 | --- | $Pt_{0.40}$ | 29 | 33 | 39 | 42 | 54 | 63 | 56 | 69 | 80 | 104 | 122 |
| | FAN | $P_{tF.40}$ | 17 | 19 | 23 | 24 | 32 | 37 | 36 | 46 | 59 | 78 | 91 |
| | CC | $P_{tC.20}$ | 29 | 31 | 33 | 31 | 34 | 36 | 78 | 113 | 154 | 176 | 186 |
| 450 | --- | $Pt_{0.40}$ | --- | 32 | --- | 44 | --- | 61 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 18 | --- | 26 | --- | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 30 | --- | 33 | --- | 34 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1500 rpm
# @ 20°C = 68°F



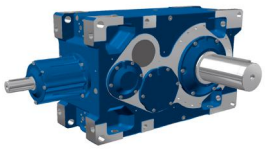
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 121 | 12 | 62 | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 196 | 277 | 382 | --- | 335 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 359 | 549 | 799 | --- | 730 |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 119 | 17 | 69 | 52 | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 187 | 262 | 363 | 426 | 335 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 344 | 519 | 762 | 787 | 710 |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 138 | 67 | 134 | 61 | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 179 | 245 | 340 | 412 | 466 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 330 | 495 | 728 | 762 | 819 |
| 18 | --- | $Pt_{0.20}$ | 97 | --- | 103 | --- | 143 | --- | 135 | 67 | 134 | 152 | * |
| | FAN | $P_{tF.20}$ | 66 | --- | 87 | --- | 132 | --- | 171 | 231 | 324 | 363 | 453 |
| | CC | $P_{tC.20}$ | 99 | --- | 106 | --- | 118 | --- | 316 | 467 | 695 | 686 | 788 |
| 20 | --- | $Pt_{0.20}$ | 93 | 110 | 101 | 111 | 138 | 169 | 144 | 94 | 175 | 197 | 39 |
| | FAN | $P_{tF.20}$ | 64 | 74 | 85 | 88 | 125 | 145 | 165 | 222 | 305 | 343 | 480 |
| | CC | $P_{tC.20}$ | 94 | 100 | 103 | 97 | 113 | 117 | 306 | 453 | 660 | 654 | 799 |
| 22,4 | --- | $Pt_{0.20}$ | 93 | 105 | 101 | 119 | 145 | 162 | 140 | 91 | 171 | 195 | 45 |
| | FAN | $P_{tF.20}$ | 62 | 70 | 82 | 94 | 124 | 138 | 158 | 210 | 292 | 333 | 455 |
| | CC | $P_{tC.20}$ | 93 | 95 | 100 | 103 | 111 | 112 | 292 | 428 | 631 | 635 | 758 |
| 25 | --- | $Pt_{0.20}$ | 89 | 106 | 98 | 108 | 139 | 169 | 144 | 108 | 193 | 222 | 130 |
| | FAN | $P_{tF.20}$ | 60 | 70 | 80 | 82 | 118 | 136 | 150 | 200 | 269 | 311 | 407 |
| | CC | $P_{tC.20}$ | 89 | 95 | 97 | 91 | 106 | 111 | 278 | 409 | 586 | 596 | 692 |
| 28 | --- | $Pt_{0.20}$ | 82 | 101 | 94 | 116 | 143 | 162 | 139 | 104 | 187 | 218 | 127 |
| | FAN | $P_{tF.20}$ | 52 | 66 | 69 | 88 | 104 | 130 | 144 | 189 | 258 | 302 | 388 |
| | CC | $P_{tC.20}$ | 78 | 90 | 84 | 97 | 94 | 105 | 266 | 387 | 561 | 579 | 659 |
| 31,5 | --- | $Pt_{0.20}$ | 79 | 93 | 92 | 100 | 137 | 164 | 150 | 142 | 258 | 228 | 318 |
| | FAN | $P_{tF.20}$ | 50 | 58 | 67 | 70 | 100 | 115 | 127 | 157 | 222 | 277 | 320 |
| | CC | $P_{tC.20}$ | 75 | 79 | 81 | 77 | 90 | 93 | 237 | 326 | 489 | 532 | 555 |
| 35,5 | --- | $Pt_{0.20}$ | 79 | 88 | 90 | 106 | 138 | 157 | 145 | 137 | 250 | 224 | 307 |
| | FAN | $P_{tF.20}$ | 50 | 55 | 65 | 74 | 98 | 110 | 122 | 150 | 213 | 269 | 306 |
| | CC | $P_{tC.20}$ | 74 | 75 | 79 | 81 | 89 | 89 | 227 | 311 | 470 | 517 | 531 |
| 40 | --- | $Pt_{0.20}$ | 76 | 88 | 88 | 96 | 133 | 158 | 143 | 139 | 247 | 293 | 316 |
| | FAN | $P_{tF.20}$ | 48 | 55 | 63 | 66 | 94 | 109 | 117 | 145 | 201 | 239 | 292 |
| | CC | $P_{tC.20}$ | 71 | 75 | 77 | 72 | 84 | 88 | 218 | 301 | 445 | 463 | 507 |
| 45 | --- | $Pt_{0.20}$ | 74 | 85 | 85 | 102 | 130 | 151 | 138 | 134 | 238 | 285 | 304 |
| | FAN | $P_{tF.20}$ | 46 | 52 | 60 | 70 | 91 | 103 | 113 | 138 | 194 | 222 | 279 |
| | CC | $P_{tC.20}$ | 68 | 71 | 74 | 77 | 82 | 84 | 209 | 287 | 428 | 432 | 485 |
| 50 | --- | $Pt_{0.20}$ | 71 | 83 | 83 | 90 | 125 | 149 | 138 | 157 | 181 | 278 | 312 |
| | FAN | $P_{tF.20}$ | 44 | 51 | 59 | 61 | 87 | 101 | 94 | 120 | 144 | 216 | 240 |
| | CC | $P_{tC.20}$ | 66 | 70 | 72 | 67 | 78 | 81 | 176 | 252 | 324 | 421 | 418 |
| 56 | --- | $Pt_{0.20}$ | 65 | 79 | 91 | 96 | 128 | 142 | 134 | 151 | 177 | 267 | 301 |
| | FAN | $P_{tF.20}$ | 39 | 49 | 56 | 65 | 79 | 96 | 91 | 115 | 140 | 189 | 231 |
| | CC | $P_{tC.20}$ | 58 | 66 | 68 | 72 | 71 | 78 | 170 | 240 | 315 | 367 | 403 |
| 63 | --- | $Pt_{0.20}$ | 63 | 73 | 88 | 94 | 123 | 144 | 131 | 149 | 173 | 261 | 297 |
| | FAN | $P_{tF.20}$ | 38 | 44 | 54 | 56 | 76 | 87 | 88 | 112 | 134 | 184 | 223 |
| | CC | $P_{tC.20}$ | 56 | 59 | 66 | 62 | 68 | 71 | 164 | 235 | 302 | 358 | 388 |
| 71 | --- | $Pt_{0.20}$ | 61 | 70 | 85 | 100 | 121 | 138 | 127 | 143 | 168 | 249 | 287 |
| | FAN | $P_{tF.20}$ | 37 | 42 | 52 | 60 | 74 | 84 | 85 | 107 | 130 | 173 | 214 |
| | CC | $P_{tC.20}$ | 55 | 57 | 63 | 66 | 66 | 68 | 158 | 224 | 293 | 338 | 373 |
| 80 | --- | $Pt_{0.20}$ | 59 | 68 | 83 | 88 | 116 | 135 | 98 | 120 | 132 | 244 | 195 |
| | FAN | $P_{tF.20}$ | 35 | 41 | 51 | 52 | 71 | 81 | 73 | 94 | 120 | 169 | 188 |
| | CC | $P_{tC.20}$ | 53 | 56 | 62 | 58 | 63 | 66 | 135 | 195 | 266 | 330 | 326 |
| 90 | --- | $Pt_{0.20}$ | 58 | 65 | 79 | 94 | 112 | 130 | 95 | 117 | 128 | 171 | 191 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 48 | 56 | 68 | 78 | 70 | 91 | 114 | 153 | 182 |
| | CC | $P_{tC.20}$ | 51 | 53 | 58 | 62 | 61 | 63 | 129 | 189 | 254 | 296 | 315 |
| 100 | --- | $Pt_{0.20}$ | 56 | 64 | 77 | 82 | 107 | 125 | 92 | 113 | 125 | 163 | 185 |
| | FAN | $P_{tF.20}$ | 33 | 38 | 47 | 48 | 65 | 75 | 68 | 88 | 111 | 144 | 176 |
| | CC | $P_{tC.20}$ | 49 | 52 | 57 | 53 | 58 | 61 | 125 | 182 | 247 | 278 | 304 |

*** Additional Cooling Necessary - Consult Factory**



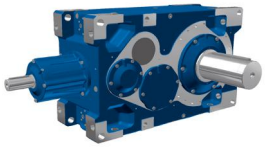
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 47 | 62 | 61 | 87 | 92 | 120 | 94 | 117 | 128 | 160 | 196 |
| | FAN | $P_{tF.20}$ | 28 | 37 | 37 | 52 | 57 | 72 | 67 | 88 | 109 | 141 | 173 |
| | CC | $P_{tC.20}$ | 42 | 50 | 46 | 57 | 52 | 58 | 125 | 182 | 243 | 273 | 301 |
| 125 | --- | $Pt_{0.20}$ | 45 | 52 | 60 | 64 | 89 | 103 | 92 | 112 | 125 | 161 | 190 |
| | FAN | $P_{tF.20}$ | 27 | 31 | 37 | 38 | 55 | 63 | 65 | 84 | 106 | 137 | 167 |
| | CC | $P_{tC.20}$ | 41 | 43 | 45 | 42 | 50 | 51 | 121 | 175 | 237 | 265 | 291 |
| 140 | --- | $Pt_{0.20}$ | 44 | 50 | 57 | 67 | 85 | 100 | 88 | 109 | 120 | 158 | 184 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 35 | 40 | 53 | 61 | 62 | 81 | 101 | 134 | 161 |
| | CC | $P_{tC.20}$ | 40 | 41 | 43 | 44 | 48 | 49 | 116 | 168 | 225 | 259 | 280 |
| 160 | --- | $Pt_{0.20}$ | 43 | 49 | 56 | 60 | 82 | 96 | 86 | 105 | 117 | 149 | 178 |
| | FAN | $P_{tF.20}$ | 26 | 30 | 34 | 36 | 51 | 58 | 60 | 78 | 99 | 126 | 156 |
| | CC | $P_{tC.20}$ | 39 | 40 | 42 | 40 | 46 | 47 | 112 | 162 | 219 | 242 | 271 |
| 180 | --- | $Pt_{0.20}$ | 42 | 48 | 56 | 63 | 81 | 92 | 84 | 104 | 117 | 146 | 177 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 34 | 38 | 50 | 56 | 59 | 76 | 96 | 123 | 149 |
| | CC | $P_{tC.20}$ | 37 | 39 | 42 | 42 | 45 | 45 | 109 | 158 | 212 | 237 | 259 |
| 200 | --- | $Pt_{0.20}$ | 41 | 47 | 54 | 58 | 78 | 91 | 82 | 100 | 114 | 145 | 171 |
| | FAN | $P_{tF.20}$ | 24 | 28 | 33 | 35 | 48 | 55 | 57 | 73 | 93 | 118 | 144 |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 38 | 43 | 44 | 105 | 152 | 206 | 229 | 250 |
| 224 | --- | $Pt_{0.20}$ | 41 | 45 | 54 | 62 | 79 | 87 | 79 | 98 | 109 | 142 | 166 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 37 | 49 | 53 | 54 | 70 | 88 | 116 | 139 |
| | CC | $P_{tC.20}$ | 36 | 36 | 40 | 41 | 44 | 43 | 100 | 146 | 196 | 224 | 242 |
| 250 | --- | $Pt_{0.20}$ | 40 | 46 | 52 | 56 | 76 | 89 | 76 | 94 | 106 | 134 | 160 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 33 | 47 | 54 | 52 | 68 | 86 | 108 | 134 |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 36 | 42 | 43 | 97 | 140 | 190 | 209 | 233 |
| 280 | --- | $Pt_{0.20}$ | 38 | 44 | 50 | 59 | 73 | 85 | 73 | 90 | 102 | 131 | 153 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 30 | 35 | 45 | 51 | 50 | 64 | 81 | 106 | 126 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 39 | 40 | 42 | 92 | 134 | 181 | 205 | 219 |
| 315 | --- | $Pt_{0.20}$ | 37 | 43 | 49 | 52 | 70 | 82 | 70 | 86 | 99 | 120 | 148 |
| | FAN | $P_{tF.20}$ | 22 | 26 | 29 | 31 | 43 | 49 | 48 | 62 | 79 | 99 | 121 |
| | CC | $P_{tC.20}$ | 33 | 35 | 36 | 34 | 38 | 40 | 89 | 128 | 176 | 191 | 212 |
| 355 | --- | $Pt_{0.20}$ | 36 | 41 | 49 | 55 | 69 | 78 | 68 | 84 | 95 | 118 | 144 |
| | FAN | $P_{tF.20}$ | 22 | 24 | 29 | 33 | 42 | 47 | 46 | 60 | 75 | 97 | 117 |
| | CC | $P_{tC.20}$ | 32 | 33 | 36 | 36 | 37 | 38 | 85 | 123 | 167 | 187 | 204 |
| 400 | --- | $Pt_{0.20}$ | 35 | 40 | 47 | 51 | 66 | 77 | 66 | 81 | 92 | 118 | 139 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 29 | 30 | 40 | 46 | 45 | 57 | 73 | 97 | 113 |
| | CC | $P_{tC.20}$ | 31 | 33 | 35 | 33 | 36 | 37 | 82 | 119 | 162 | 187 | 197 |
| 450 | --- | $Pt_{0.20}$ | --- | 39 | --- | 54 | --- | 74 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 23 | --- | 32 | --- | 44 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 31 | --- | 35 | --- | 36 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1500 rpm
# @ 40°C = 104°F



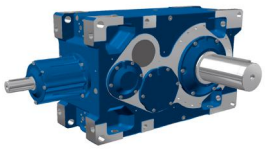
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 69 | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 174 | 192 | 311 | --- | 111 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 371 | 510 | 794 | --- | 625 |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 70 | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 166 | 187 | 306 | 332 | 125 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 354 | 487 | 767 | 763 | 610 |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 93 | * | 35 | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 158 | 224 | 317 | 331 | 282 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 339 | 515 | 764 | 749 | 724 |
| 18 | --- | $Pt_{0.40}$ | 80 | --- | 81 | --- | 111 | --- | 91 | 1 | 40 | 46 | * |
| | FAN | $P_{tF.40}$ | 57 | --- | 76 | --- | 115 | --- | 151 | 214 | 302 | 339 | 278 |
| | CC | $P_{tC.20}$ | 100 | --- | 109 | --- | 122 | --- | 324 | 489 | 729 | 723 | 697 |
| 20 | --- | $Pt_{0.40}$ | 78 | 92 | 80 | 90 | 107 | 133 | 103 | 33 | 94 | 105 | * |
| | FAN | $P_{tF.40}$ | 55 | 64 | 74 | 76 | 109 | 126 | 145 | 202 | 275 | 312 | 356 |
| | CC | $P_{tC.20}$ | 96 | 102 | 106 | 99 | 116 | 121 | 313 | 470 | 683 | 680 | 751 |
| 22,4 | --- | $Pt_{0.40}$ | 78 | 88 | 81 | 96 | 114 | 128 | 100 | 34 | 93 | 105 | * |
| | FAN | $P_{tF.40}$ | 54 | 61 | 71 | 82 | 108 | 120 | 139 | 191 | 263 | 302 | 345 |
| | CC | $P_{tC.20}$ | 95 | 97 | 102 | 106 | 114 | 115 | 299 | 444 | 653 | 660 | 721 |
| 25 | --- | $Pt_{0.40}$ | 75 | 89 | 79 | 88 | 110 | 135 | 106 | 56 | 124 | 141 | 7 |
| | FAN | $P_{tF.40}$ | 52 | 60 | 69 | 72 | 103 | 119 | 131 | 178 | 240 | 279 | 386 |
| | CC | $P_{tC.20}$ | 91 | 96 | 99 | 93 | 109 | 113 | 284 | 421 | 603 | 616 | 737 |
| 28 | --- | $Pt_{0.40}$ | 69 | 84 | 77 | 94 | 118 | 130 | 103 | 55 | 121 | 140 | 11 |
| | FAN | $P_{tF.40}$ | 45 | 57 | 59 | 77 | 90 | 113 | 126 | 169 | 230 | 271 | 367 |
| | CC | $P_{tC.20}$ | 79 | 91 | 85 | 99 | 96 | 108 | 271 | 399 | 578 | 598 | 702 |
| 31,5 | --- | $Pt_{0.40}$ | 67 | 78 | 76 | 83 | 113 | 136 | 119 | 104 | 203 | 158 | 238 |
| | FAN | $P_{tF.40}$ | 43 | 50 | 58 | 60 | 86 | 100 | 111 | 137 | 195 | 246 | 283 |
| | CC | $P_{tC.20}$ | 76 | 81 | 83 | 78 | 92 | 95 | 241 | 333 | 499 | 548 | 570 |
| 35,5 | --- | $Pt_{0.40}$ | 67 | 75 | 75 | 88 | 114 | 130 | 115 | 100 | 197 | 155 | 231 |
| | FAN | $P_{tF.40}$ | 43 | 48 | 56 | 64 | 85 | 95 | 106 | 131 | 187 | 239 | 271 |
| | CC | $P_{tC.20}$ | 75 | 77 | 80 | 83 | 90 | 91 | 231 | 317 | 480 | 533 | 546 |
| 40 | --- | $Pt_{0.40}$ | 64 | 75 | 73 | 80 | 110 | 131 | 114 | 104 | 197 | 234 | 244 |
| | FAN | $P_{tF.40}$ | 41 | 48 | 54 | 57 | 81 | 94 | 102 | 126 | 176 | 210 | 257 |
| | CC | $P_{tC.20}$ | 72 | 76 | 78 | 74 | 86 | 90 | 222 | 307 | 454 | 474 | 520 |
| 45 | --- | $Pt_{0.40}$ | 62 | 72 | 71 | 85 | 109 | 126 | 111 | 100 | 191 | 230 | 235 |
| | FAN | $P_{tF.40}$ | 40 | 45 | 52 | 60 | 79 | 90 | 98 | 121 | 170 | 195 | 246 |
| | CC | $P_{tC.20}$ | 70 | 73 | 75 | 78 | 84 | 86 | 213 | 292 | 437 | 442 | 498 |
| 50 | --- | $Pt_{0.40}$ | 60 | 70 | 69 | 75 | 104 | 124 | 116 | 128 | 147 | 225 | 254 |
| | FAN | $P_{tF.40}$ | 38 | 44 | 51 | 53 | 75 | 87 | 81 | 104 | 125 | 190 | 211 |
| | CC | $P_{tC.20}$ | 67 | 71 | 73 | 69 | 80 | 83 | 178 | 255 | 329 | 430 | 428 |
| 56 | --- | $Pt_{0.40}$ | 55 | 67 | 77 | 80 | 109 | 119 | 112 | 123 | 143 | 221 | 245 |
| | FAN | $P_{tF.40}$ | 34 | 42 | 48 | 56 | 69 | 83 | 79 | 100 | 121 | 165 | 203 |
| | CC | $P_{tC.20}$ | 59 | 67 | 69 | 73 | 73 | 79 | 172 | 244 | 319 | 375 | 412 |
| 63 | --- | $Pt_{0.40}$ | 54 | 62 | 75 | 80 | 105 | 123 | 110 | 122 | 141 | 216 | 243 |
| | FAN | $P_{tF.40}$ | 33 | 38 | 47 | 49 | 66 | 76 | 76 | 97 | 116 | 161 | 195 |
| | CC | $P_{tC.20}$ | 57 | 60 | 67 | 63 | 70 | 72 | 167 | 238 | 306 | 366 | 397 |
| 71 | --- | $Pt_{0.40}$ | 52 | 59 | 73 | 86 | 103 | 118 | 106 | 118 | 137 | 207 | 234 |
| | FAN | $P_{tF.40}$ | 32 | 36 | 45 | 52 | 64 | 72 | 73 | 93 | 113 | 152 | 188 |
| | CC | $P_{tC.20}$ | 56 | 58 | 65 | 67 | 68 | 69 | 161 | 228 | 297 | 345 | 382 |
| 80 | --- | $Pt_{0.40}$ | 50 | 58 | 71 | 76 | 99 | 116 | 80 | 97 | 103 | 202 | 148 |
| | FAN | $P_{tF.40}$ | 30 | 35 | 44 | 45 | 61 | 70 | 63 | 82 | 104 | 148 | 166 |
| | CC | $P_{tC.20}$ | 54 | 56 | 63 | 59 | 65 | 67 | 137 | 199 | 271 | 337 | 335 |
| 90 | --- | $Pt_{0.40}$ | 49 | 56 | 67 | 80 | 95 | 111 | 78 | 95 | 100 | 132 | 146 |
| | FAN | $P_{tF.40}$ | 30 | 34 | 41 | 48 | 59 | 67 | 61 | 79 | 100 | 136 | 160 |
| | CC | $P_{tC.20}$ | 52 | 54 | 60 | 63 | 62 | 64 | 132 | 192 | 259 | 304 | 323 |
| 100 | --- | $Pt_{0.40}$ | 48 | 55 | 66 | 70 | 92 | 107 | 76 | 92 | 98 | 127 | 142 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 40 | 42 | 56 | 65 | 59 | 76 | 97 | 128 | 155 |
| | CC | $P_{tC.20}$ | 50 | 53 | 58 | 54 | 60 | 62 | 128 | 185 | 252 | 286 | 313 |

*** Additional Cooling Necessary - Consult Factory**



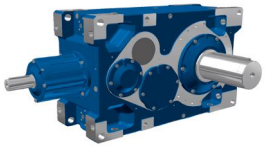
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 40 | 53 | 52 | 75 | 78 | 103 | 78 | 95 | 102 | 124 | 153 |
| | FAN | $P_{tF.40}$ | 24 | 32 | 32 | 45 | 50 | 62 | 58 | 76 | 96 | 125 | 152 |
| | CC | $P_{tC.20}$ | 43 | 51 | 46 | 58 | 53 | 59 | 127 | 186 | 248 | 280 | 309 |
| 125 | --- | $Pt_{0.40}$ | 39 | 45 | 51 | 55 | 75 | 88 | 76 | 92 | 99 | 127 | 148 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 32 | 33 | 48 | 55 | 57 | 73 | 93 | 121 | 147 |
| | CC | $P_{tC.20}$ | 42 | 43 | 45 | 43 | 51 | 52 | 123 | 178 | 241 | 272 | 298 |
| 140 | --- | $Pt_{0.40}$ | 38 | 43 | 49 | 58 | 73 | 85 | 73 | 90 | 96 | 125 | 145 |
| | FAN | $P_{tF.40}$ | 23 | 26 | 30 | 35 | 46 | 53 | 54 | 71 | 89 | 118 | 142 |
| | CC | $P_{tC.20}$ | 41 | 42 | 44 | 45 | 49 | 50 | 118 | 172 | 229 | 266 | 288 |
| 160 | --- | $Pt_{0.40}$ | 37 | 42 | 48 | 51 | 70 | 82 | 71 | 86 | 93 | 118 | 140 |
| | FAN | $P_{tF.40}$ | 22 | 26 | 30 | 31 | 44 | 50 | 53 | 68 | 86 | 111 | 137 |
| | CC | $P_{tC.20}$ | 39 | 41 | 43 | 40 | 47 | 48 | 114 | 165 | 223 | 249 | 278 |
| 180 | --- | $Pt_{0.40}$ | 36 | 41 | 48 | 54 | 69 | 79 | 70 | 86 | 94 | 116 | 141 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 30 | 33 | 43 | 48 | 51 | 66 | 83 | 109 | 131 |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 43 | 46 | 46 | 111 | 161 | 216 | 244 | 266 |
| 200 | --- | $Pt_{0.40}$ | 35 | 40 | 46 | 50 | 66 | 77 | 68 | 83 | 91 | 116 | 136 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 29 | 30 | 41 | 47 | 49 | 64 | 81 | 104 | 126 |
| | CC | $P_{tC.20}$ | 37 | 39 | 41 | 39 | 44 | 45 | 107 | 155 | 210 | 235 | 257 |
| 224 | --- | $Pt_{0.40}$ | 35 | 38 | 46 | 53 | 68 | 74 | 65 | 80 | 88 | 113 | 132 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 28 | 32 | 42 | 46 | 47 | 61 | 77 | 102 | 122 |
| | CC | $P_{tC.20}$ | 37 | 37 | 40 | 41 | 45 | 44 | 102 | 149 | 200 | 230 | 247 |
| 250 | --- | $Pt_{0.40}$ | 34 | 39 | 45 | 48 | 65 | 76 | 63 | 77 | 85 | 107 | 128 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 27 | 29 | 40 | 46 | 46 | 59 | 75 | 96 | 118 |
| | CC | $P_{tC.20}$ | 36 | 38 | 39 | 37 | 43 | 44 | 99 | 143 | 194 | 215 | 239 |
| 280 | --- | $Pt_{0.40}$ | 33 | 37 | 43 | 51 | 62 | 73 | 60 | 74 | 82 | 105 | 122 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 26 | 30 | 39 | 44 | 43 | 56 | 71 | 94 | 110 |
| | CC | $P_{tC.20}$ | 35 | 36 | 38 | 39 | 41 | 42 | 94 | 136 | 184 | 210 | 224 |
| 315 | --- | $Pt_{0.40}$ | 32 | 37 | 42 | 45 | 60 | 70 | 59 | 71 | 80 | 96 | 118 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 25 | 27 | 37 | 42 | 42 | 54 | 69 | 87 | 107 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 35 | 39 | 41 | 91 | 131 | 179 | 196 | 216 |
| 355 | --- | $Pt_{0.40}$ | 31 | 35 | 42 | 47 | 59 | 67 | 56 | 69 | 77 | 94 | 115 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 28 | 36 | 41 | 40 | 52 | 66 | 85 | 103 |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 37 | 38 | 39 | 87 | 126 | 170 | 192 | 209 |
| 400 | --- | $Pt_{0.40}$ | 30 | 34 | 41 | 43 | 56 | 66 | 55 | 67 | 75 | 94 | 111 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 25 | 26 | 35 | 40 | 39 | 50 | 64 | 85 | 99 |
| | CC | $P_{tC.20}$ | 31 | 33 | 36 | 34 | 37 | 38 | 84 | 121 | 165 | 192 | 202 |
| 450 | --- | $Pt_{0.40}$ | --- | 33 | --- | 46 | --- | 63 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 20 | --- | 27 | --- | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 36 | --- | 36 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1800 rpm
# @ 20°C = 68°F



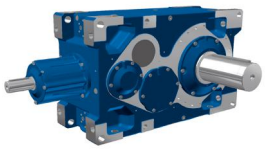
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 33 | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 222 | 150 | 266 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 398 | 451 | 734 | --- | 359 |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 36 | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 212 | 150 | 267 | 275 | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 380 | 434 | 713 | 683 | 366 |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 75 | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 197 | 208 | 341 | 279 | 136 |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 359 | 480 | 768 | 675 | 561 |
| 18 | --- | $Pt_{0.20}$ | 94 | --- | 89 | --- | 118 | --- | 75 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 70 | --- | 93 | --- | 141 | --- | 189 | 201 | 334 | 376 | 146 |
| | CC | $P_{tC.20}$ | 104 | --- | 113 | --- | 127 | --- | 343 | 458 | 742 | 734 | 547 |
| 20 | --- | $Pt_{0.20}$ | 91 | 108 | 88 | 100 | 114 | 145 | 95 | * | 18 | 16 | * |
| | FAN | $P_{tF.20}$ | 67 | 78 | 90 | 93 | 135 | 155 | 179 | 233 | 363 | 412 | 284 |
| | CC | $P_{tC.20}$ | 100 | 106 | 110 | 103 | 121 | 126 | 329 | 483 | 750 | 753 | 647 |
| 22,4 | --- | $Pt_{0.20}$ | 91 | 103 | 90 | 107 | 125 | 140 | 93 | * | 23 | 22 | * |
| | FAN | $P_{tF.20}$ | 66 | 74 | 87 | 100 | 133 | 147 | 172 | 224 | 346 | 399 | 279 |
| | CC | $P_{tC.20}$ | 98 | 101 | 106 | 110 | 119 | 120 | 315 | 460 | 717 | 730 | 625 |
| 25 | --- | $Pt_{0.20}$ | 88 | 104 | 88 | 100 | 120 | 150 | 105 | 14 | 85 | 92 | * |
| | FAN | $P_{tF.20}$ | 63 | 73 | 85 | 88 | 126 | 145 | 162 | 229 | 305 | 356 | 366 |
| | CC | $P_{tC.20}$ | 94 | 100 | 103 | 96 | 114 | 118 | 298 | 455 | 648 | 666 | 683 |
| 28 | --- | $Pt_{0.20}$ | 83 | 100 | 90 | 107 | 136 | 145 | 102 | 15 | 85 | 93 | * |
| | FAN | $P_{tF.20}$ | 55 | 70 | 72 | 94 | 110 | 138 | 155 | 217 | 292 | 345 | 354 |
| | CC | $P_{tC.20}$ | 82 | 95 | 88 | 103 | 99 | 112 | 285 | 430 | 621 | 647 | 656 |
| 31,5 | --- | $Pt_{0.20}$ | 80 | 94 | 88 | 97 | 131 | 158 | 132 | 103 | 221 | 133 | 237 |
| | FAN | $P_{tF.20}$ | 53 | 61 | 70 | 73 | 105 | 121 | 135 | 168 | 239 | 309 | 350 |
| | CC | $P_{tC.20}$ | 79 | 83 | 86 | 81 | 95 | 98 | 250 | 347 | 524 | 586 | 603 |
| 35,5 | --- | $Pt_{0.20}$ | 80 | 90 | 87 | 103 | 133 | 152 | 128 | 100 | 215 | 132 | 231 |
| | FAN | $P_{tF.20}$ | 52 | 58 | 68 | 78 | 104 | 116 | 130 | 160 | 230 | 300 | 335 |
| | CC | $P_{tC.20}$ | 78 | 79 | 83 | 86 | 94 | 94 | 241 | 331 | 504 | 570 | 577 |
| 40 | --- | $Pt_{0.20}$ | 77 | 90 | 85 | 93 | 128 | 154 | 128 | 106 | 219 | 259 | 256 |
| | FAN | $P_{tF.20}$ | 50 | 58 | 66 | 69 | 99 | 115 | 124 | 155 | 216 | 257 | 317 |
| | CC | $P_{tC.20}$ | 75 | 79 | 81 | 76 | 89 | 93 | 231 | 320 | 476 | 497 | 547 |
| 45 | --- | $Pt_{0.20}$ | 75 | 86 | 83 | 99 | 127 | 148 | 124 | 103 | 212 | 258 | 247 |
| | FAN | $P_{tF.20}$ | 48 | 55 | 64 | 74 | 96 | 109 | 119 | 148 | 208 | 239 | 303 |
| | CC | $P_{tC.20}$ | 72 | 75 | 78 | 81 | 87 | 89 | 222 | 305 | 458 | 462 | 524 |
| 50 | --- | $Pt_{0.20}$ | 72 | 84 | 81 | 89 | 122 | 146 | 136 | 147 | 167 | 253 | 286 |
| | FAN | $P_{tF.20}$ | 47 | 54 | 62 | 64 | 92 | 106 | 99 | 127 | 152 | 232 | 258 |
| | CC | $P_{tC.20}$ | 69 | 73 | 76 | 71 | 83 | 86 | 184 | 264 | 340 | 450 | 448 |
| 56 | --- | $Pt_{0.20}$ | 67 | 80 | 93 | 94 | 131 | 140 | 132 | 142 | 163 | 255 | 276 |
| | FAN | $P_{tF.20}$ | 41 | 51 | 59 | 69 | 83 | 101 | 95 | 121 | 147 | 202 | 248 |
| | CC | $P_{tC.20}$ | 61 | 70 | 72 | 76 | 75 | 82 | 178 | 253 | 330 | 391 | 431 |
| 63 | --- | $Pt_{0.20}$ | 65 | 75 | 90 | 97 | 126 | 148 | 129 | 141 | 161 | 250 | 276 |
| | FAN | $P_{tF.20}$ | 40 | 46 | 57 | 59 | 80 | 92 | 92 | 118 | 141 | 197 | 238 |
| | CC | $P_{tC.20}$ | 59 | 62 | 70 | 65 | 72 | 75 | 172 | 247 | 317 | 382 | 415 |
| 71 | --- | $Pt_{0.20}$ | 63 | 72 | 87 | 103 | 124 | 142 | 125 | 136 | 157 | 240 | 267 |
| | FAN | $P_{tF.20}$ | 39 | 44 | 55 | 63 | 78 | 88 | 89 | 113 | 137 | 185 | 229 |
| | CC | $P_{tC.20}$ | 57 | 60 | 67 | 70 | 70 | 71 | 166 | 236 | 307 | 360 | 399 |
| 80 | --- | $Pt_{0.20}$ | 61 | 70 | 85 | 91 | 119 | 139 | 92 | 109 | 110 | 235 | 151 |
| | FAN | $P_{tF.20}$ | 37 | 43 | 53 | 55 | 74 | 86 | 77 | 100 | 128 | 181 | 205 |
| | CC | $P_{tC.20}$ | 55 | 58 | 65 | 61 | 67 | 69 | 143 | 207 | 283 | 351 | 354 |
| 90 | --- | $Pt_{0.20}$ | 59 | 67 | 81 | 97 | 115 | 133 | 89 | 107 | 108 | 140 | 151 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 51 | 59 | 72 | 82 | 74 | 97 | 122 | 168 | 198 |
| | CC | $P_{tC.20}$ | 54 | 56 | 62 | 65 | 64 | 66 | 137 | 200 | 270 | 321 | 342 |
| 100 | --- | $Pt_{0.20}$ | 57 | 66 | 79 | 84 | 110 | 129 | 87 | 104 | 105 | 135 | 146 |
| | FAN | $P_{tF.20}$ | 35 | 40 | 49 | 51 | 69 | 79 | 72 | 93 | 119 | 158 | 192 |
| | CC | $P_{tC.20}$ | 52 | 55 | 60 | 56 | 62 | 64 | 133 | 193 | 263 | 302 | 330 |

*** Additional Cooling Necessary - Consult Factory**



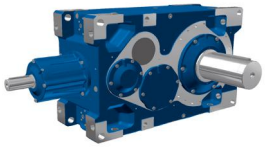
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 48 | 64 | 62 | 90 | 93 | 124 | 90 | 109 | 112 | 132 | 164 |
| | FAN | $P_{tF.20}$ | 30 | 38 | 39 | 55 | 61 | 75 | 71 | 93 | 117 | 154 | 188 |
| | CC | $P_{tC.20}$ | 44 | 52 | 48 | 60 | 55 | 61 | 132 | 193 | 258 | 296 | 325 |
| 125 | --- | $Pt_{0.20}$ | 47 | 54 | 61 | 66 | 90 | 105 | 87 | 105 | 109 | 138 | 159 |
| | FAN | $P_{tF.20}$ | 29 | 33 | 38 | 40 | 58 | 67 | 69 | 90 | 114 | 149 | 181 |
| | CC | $P_{tC.20}$ | 43 | 45 | 47 | 45 | 52 | 54 | 128 | 185 | 251 | 286 | 314 |
| 140 | --- | $Pt_{0.20}$ | 46 | 52 | 59 | 69 | 87 | 102 | 85 | 103 | 106 | 135 | 155 |
| | FAN | $P_{tF.20}$ | 28 | 32 | 37 | 43 | 56 | 64 | 66 | 86 | 108 | 146 | 175 |
| | CC | $P_{tC.20}$ | 42 | 43 | 45 | 47 | 50 | 52 | 122 | 179 | 239 | 280 | 303 |
| 160 | --- | $Pt_{0.20}$ | 44 | 51 | 57 | 62 | 84 | 98 | 82 | 99 | 103 | 128 | 150 |
| | FAN | $P_{tF.20}$ | 27 | 31 | 36 | 38 | 54 | 62 | 64 | 83 | 105 | 137 | 169 |
| | CC | $P_{tC.20}$ | 41 | 42 | 44 | 42 | 48 | 50 | 119 | 172 | 233 | 262 | 292 |
| 180 | --- | $Pt_{0.20}$ | 43 | 49 | 57 | 65 | 82 | 94 | 81 | 99 | 104 | 126 | 154 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 36 | 40 | 53 | 59 | 62 | 81 | 102 | 134 | 161 |
| | CC | $P_{tC.20}$ | 39 | 41 | 44 | 44 | 47 | 48 | 115 | 168 | 226 | 257 | 279 |
| 200 | --- | $Pt_{0.20}$ | 42 | 48 | 56 | 60 | 79 | 93 | 79 | 95 | 102 | 127 | 149 |
| | FAN | $P_{tF.20}$ | 26 | 29 | 35 | 37 | 51 | 58 | 60 | 78 | 99 | 128 | 155 |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 40 | 46 | 47 | 111 | 161 | 220 | 247 | 269 |
| 224 | --- | $Pt_{0.20}$ | 42 | 46 | 55 | 63 | 81 | 89 | 76 | 93 | 98 | 125 | 145 |
| | FAN | $P_{tF.20}$ | 26 | 28 | 34 | 39 | 51 | 56 | 57 | 75 | 94 | 126 | 150 |
| | CC | $P_{tC.20}$ | 38 | 38 | 42 | 43 | 46 | 45 | 106 | 155 | 208 | 242 | 260 |
| 250 | --- | $Pt_{0.20}$ | 41 | 47 | 54 | 58 | 78 | 91 | 74 | 89 | 95 | 118 | 140 |
| | FAN | $P_{tF.20}$ | 25 | 29 | 33 | 35 | 49 | 57 | 56 | 72 | 92 | 118 | 145 |
| | CC | $P_{tC.20}$ | 37 | 39 | 41 | 38 | 44 | 46 | 103 | 149 | 203 | 226 | 251 |
| 280 | --- | $Pt_{0.20}$ | 40 | 45 | 52 | 61 | 74 | 87 | 71 | 86 | 92 | 115 | 136 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 37 | 47 | 54 | 53 | 68 | 87 | 115 | 135 |
| | CC | $P_{tC.20}$ | 36 | 37 | 39 | 41 | 42 | 44 | 98 | 142 | 192 | 221 | 235 |
| 315 | --- | $Pt_{0.20}$ | 38 | 44 | 50 | 54 | 71 | 84 | 69 | 83 | 90 | 106 | 131 |
| | FAN | $P_{tF.20}$ | 23 | 27 | 31 | 33 | 45 | 52 | 51 | 66 | 84 | 107 | 131 |
| | CC | $P_{tC.20}$ | 35 | 37 | 38 | 36 | 41 | 42 | 95 | 136 | 187 | 205 | 227 |
| 355 | --- | $Pt_{0.20}$ | 37 | 42 | 50 | 57 | 70 | 80 | 66 | 80 | 86 | 104 | 127 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 31 | 34 | 44 | 50 | 49 | 63 | 80 | 104 | 126 |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 38 | 40 | 40 | 90 | 131 | 177 | 201 | 219 |
| 400 | --- | $Pt_{0.20}$ | 36 | 42 | 49 | 52 | 67 | 79 | 64 | 77 | 84 | 104 | 123 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 32 | 42 | 48 | 47 | 61 | 78 | 104 | 122 |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 35 | 38 | 39 | 87 | 126 | 172 | 201 | 212 |
| 450 | --- | $Pt_{0.20}$ | --- | 40 | --- | 55 | --- | 76 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 24 | --- | 33 | --- | 46 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 33 | --- | 37 | --- | 38 | --- | --- | --- | --- | --- |

# Thermal Rating
# M1/M3 Mounting - 1800 rpm
# @ 40°C = 104°F



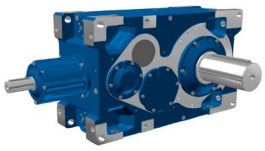
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 175 | 31 | 104 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 387 | 396 | 660 | --- | 227 |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 173 | 37 | 114 | 89 | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 376 | 382 | 642 | 598 | 242 |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | 20 | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 180 | 107 | 202 | 101 | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 374 | 429 | 700 | 593 | 451 |
| 18 | --- | $Pt_{0.40}$ | 77 | --- | 66 | --- | 83 | --- | 23 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 61 | --- | 81 | --- | 124 | --- | 172 | 106 | 201 | 227 | * |
| | CC | $P_{tC.20}$ | 106 | --- | 116 | --- | 131 | --- | 358 | 410 | 677 | 659 | 443 |
| 20 | --- | $Pt_{0.40}$ | 74 | 89 | 66 | 77 | 81 | 106 | 47 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 58 | 67 | 79 | 81 | 118 | 136 | 161 | 143 | 258 | 289 | 75 |
| | CC | $P_{tC.20}$ | 102 | 108 | 113 | 105 | 125 | 130 | 340 | 436 | 706 | 698 | 551 |
| 22,4 | --- | $Pt_{0.40}$ | 75 | 85 | 69 | 82 | 92 | 103 | 47 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 57 | 64 | 76 | 87 | 116 | 129 | 154 | 139 | 251 | 286 | 82 |
| | CC | $P_{tC.20}$ | 100 | 103 | 109 | 113 | 123 | 124 | 326 | 416 | 680 | 682 | 533 |
| 25 | --- | $Pt_{0.40}$ | 72 | 86 | 67 | 78 | 89 | 114 | 63 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 55 | 64 | 74 | 76 | 111 | 127 | 144 | 163 | 282 | 323 | 198 |
| | CC | $P_{tC.20}$ | 96 | 102 | 106 | 99 | 117 | 122 | 306 | 426 | 678 | 693 | 597 |
| 28 | --- | $Pt_{0.40}$ | 69 | 82 | 72 | 83 | 110 | 110 | 62 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 47 | 60 | 62 | 82 | 96 | 121 | 138 | 156 | 273 | 317 | 194 |
| | CC | $P_{tC.20}$ | 83 | 97 | 90 | 106 | 101 | 116 | 293 | 406 | 652 | 676 | 575 |
| 31,5 | --- | $Pt_{0.40}$ | 67 | 79 | 71 | 79 | 106 | 128 | 98 | 61 | 161 | 45 | 147 |
| | FAN | $P_{tF.40}$ | 46 | 53 | 61 | 64 | 92 | 105 | 118 | 148 | 212 | 287 | 314 |
| | CC | $P_{tC.20}$ | 80 | 85 | 87 | 82 | 97 | 101 | 255 | 356 | 537 | 616 | 624 |
| 35,5 | --- | $Pt_{0.40}$ | 67 | 75 | 70 | 84 | 108 | 124 | 95 | 59 | 157 | 46 | 144 |
| | FAN | $P_{tF.40}$ | 45 | 50 | 59 | 67 | 90 | 101 | 113 | 142 | 204 | 278 | 300 |
| | CC | $P_{tC.20}$ | 79 | 81 | 85 | 88 | 96 | 96 | 246 | 339 | 517 | 598 | 597 |
| 40 | --- | $Pt_{0.40}$ | 65 | 76 | 69 | 76 | 104 | 126 | 97 | 68 | 165 | 194 | 176 |
| | FAN | $P_{tF.40}$ | 43 | 50 | 57 | 60 | 86 | 99 | 108 | 136 | 191 | 228 | 282 |
| | CC | $P_{tC.20}$ | 76 | 80 | 83 | 78 | 91 | 95 | 235 | 328 | 487 | 510 | 564 |
| 45 | --- | $Pt_{0.40}$ | 63 | 72 | 67 | 81 | 104 | 121 | 94 | 66 | 160 | 199 | 170 |
| | FAN | $P_{tF.40}$ | 42 | 48 | 55 | 64 | 84 | 95 | 104 | 130 | 184 | 210 | 270 |
| | CC | $P_{tC.20}$ | 73 | 77 | 79 | 83 | 89 | 91 | 226 | 312 | 469 | 474 | 540 |
| 50 | --- | $Pt_{0.40}$ | 61 | 71 | 66 | 73 | 100 | 120 | 112 | 116 | 130 | 195 | 222 |
| | FAN | $P_{tF.40}$ | 40 | 46 | 54 | 56 | 80 | 92 | 85 | 110 | 132 | 205 | 227 |
| | CC | $P_{tC.20}$ | 70 | 75 | 77 | 72 | 85 | 88 | 187 | 269 | 345 | 462 | 459 |
| 56 | --- | $Pt_{0.40}$ | 57 | 68 | 79 | 77 | 111 | 115 | 109 | 112 | 128 | 205 | 215 |
| | FAN | $P_{tF.40}$ | 36 | 44 | 51 | 59 | 72 | 88 | 83 | 105 | 128 | 177 | 218 |
| | CC | $P_{tC.20}$ | 62 | 71 | 73 | 77 | 77 | 84 | 181 | 257 | 335 | 400 | 442 |
| 63 | --- | $Pt_{0.40}$ | 55 | 64 | 77 | 82 | 107 | 126 | 107 | 113 | 127 | 201 | 218 |
| | FAN | $P_{tF.40}$ | 34 | 39 | 49 | 51 | 69 | 80 | 80 | 102 | 123 | 173 | 210 |
| | CC | $P_{tC.20}$ | 60 | 63 | 71 | 67 | 73 | 76 | 175 | 251 | 322 | 391 | 425 |
| 71 | --- | $Pt_{0.40}$ | 53 | 61 | 74 | 88 | 105 | 121 | 104 | 108 | 124 | 195 | 210 |
| | FAN | $P_{tF.40}$ | 33 | 38 | 47 | 55 | 67 | 76 | 77 | 98 | 119 | 162 | 202 |
| | CC | $P_{tC.20}$ | 58 | 61 | 68 | 71 | 71 | 73 | 169 | 240 | 312 | 368 | 409 |
| 80 | --- | $Pt_{0.40}$ | 52 | 60 | 72 | 77 | 101 | 118 | 73 | 84 | 78 | 191 | 98 |
| | FAN | $P_{tF.40}$ | 32 | 37 | 46 | 48 | 64 | 74 | 67 | 87 | 112 | 159 | 184 |
| | CC | $P_{tC.20}$ | 56 | 59 | 66 | 62 | 68 | 71 | 145 | 211 | 289 | 359 | 366 |
| 90 | --- | $Pt_{0.40}$ | 51 | 57 | 69 | 82 | 98 | 114 | 71 | 83 | 78 | 97 | 100 |
| | FAN | $P_{tF.40}$ | 31 | 35 | 44 | 51 | 62 | 71 | 64 | 85 | 108 | 150 | 177 |
| | CC | $P_{tC.20}$ | 55 | 57 | 63 | 66 | 66 | 68 | 140 | 204 | 276 | 332 | 353 |
| 100 | --- | $Pt_{0.40}$ | 49 | 57 | 67 | 72 | 94 | 110 | 69 | 81 | 76 | 94 | 97 |
| | FAN | $P_{tF.40}$ | 30 | 35 | 43 | 44 | 59 | 68 | 62 | 82 | 105 | 141 | 172 |
| | CC | $P_{tC.20}$ | 53 | 56 | 61 | 57 | 63 | 65 | 135 | 197 | 269 | 312 | 342 |

*** Additional Cooling Necessary - Consult Factory**



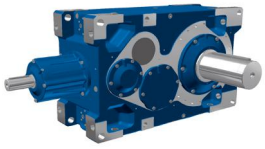
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 41 | 54 | 53 | 77 | 79 | 105 | 72 | 86 | 83 | 93 | 117 |
| | FAN | $P_{tF.40}$ | 26 | 33 | 34 | 47 | 53 | 65 | 62 | 81 | 102 | 138 | 167 |
| | CC | $P_{tC.20}$ | 45 | 53 | 49 | 61 | 56 | 62 | 135 | 197 | 264 | 305 | 335 |
| 125 | --- | $Pt_{0.40}$ | 40 | 46 | 52 | 56 | 76 | 89 | 70 | 83 | 81 | 100 | 113 |
| | FAN | $P_{tF.40}$ | 25 | 28 | 33 | 35 | 51 | 58 | 60 | 78 | 100 | 133 | 161 |
| | CC | $P_{tC.20}$ | 44 | 46 | 48 | 45 | 54 | 55 | 131 | 189 | 257 | 295 | 323 |
| 140 | --- | $Pt_{0.40}$ | 39 | 44 | 50 | 59 | 73 | 86 | 68 | 81 | 79 | 98 | 111 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 32 | 37 | 49 | 56 | 58 | 75 | 95 | 130 | 155 |
| | CC | $P_{tC.20}$ | 43 | 44 | 46 | 48 | 51 | 53 | 125 | 182 | 244 | 289 | 312 |
| 160 | --- | $Pt_{0.40}$ | 38 | 43 | 49 | 53 | 71 | 83 | 66 | 78 | 77 | 94 | 108 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 31 | 33 | 47 | 53 | 56 | 73 | 93 | 122 | 150 |
| | CC | $P_{tC.20}$ | 41 | 43 | 45 | 43 | 49 | 51 | 121 | 175 | 238 | 270 | 301 |
| 180 | --- | $Pt_{0.40}$ | 37 | 42 | 48 | 55 | 70 | 80 | 66 | 79 | 79 | 92 | 114 |
| | FAN | $P_{tF.40}$ | 23 | 26 | 31 | 35 | 46 | 51 | 54 | 71 | 89 | 119 | 142 |
| | CC | $P_{tC.20}$ | 40 | 42 | 45 | 45 | 48 | 49 | 117 | 171 | 231 | 265 | 287 |
| 200 | --- | $Pt_{0.40}$ | 35 | 41 | 47 | 51 | 67 | 79 | 64 | 76 | 77 | 95 | 110 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 30 | 32 | 44 | 50 | 52 | 68 | 87 | 114 | 138 |
| | CC | $P_{tC.20}$ | 39 | 41 | 44 | 41 | 47 | 48 | 114 | 164 | 224 | 254 | 277 |
| 224 | --- | $Pt_{0.40}$ | 36 | 39 | 47 | 54 | 68 | 76 | 62 | 74 | 75 | 93 | 107 |
| | FAN | $P_{tF.40}$ | 22 | 24 | 30 | 34 | 45 | 48 | 50 | 65 | 83 | 112 | 133 |
| | CC | $P_{tC.20}$ | 39 | 39 | 43 | 44 | 47 | 46 | 109 | 158 | 213 | 249 | 267 |
| 250 | --- | $Pt_{0.40}$ | 35 | 40 | 46 | 49 | 66 | 77 | 60 | 72 | 73 | 88 | 104 |
| | FAN | $P_{tF.40}$ | 21 | 25 | 29 | 30 | 43 | 49 | 49 | 63 | 81 | 105 | 128 |
| | CC | $P_{tC.20}$ | 38 | 40 | 41 | 39 | 45 | 47 | 105 | 152 | 207 | 233 | 258 |
| 280 | --- | $Pt_{0.40}$ | 34 | 39 | 44 | 52 | 63 | 74 | 58 | 69 | 71 | 86 | 102 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 32 | 41 | 47 | 46 | 60 | 76 | 102 | 119 |
| | CC | $P_{tC.20}$ | 37 | 38 | 40 | 41 | 43 | 45 | 100 | 144 | 196 | 228 | 241 |
| 315 | --- | $Pt_{0.40}$ | 33 | 38 | 43 | 46 | 61 | 71 | 56 | 67 | 69 | 79 | 99 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 27 | 28 | 39 | 45 | 44 | 57 | 74 | 94 | 115 |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 36 | 42 | 43 | 96 | 139 | 191 | 211 | 233 |
| 355 | --- | $Pt_{0.40}$ | 32 | 36 | 43 | 49 | 59 | 68 | 54 | 65 | 66 | 78 | 96 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 27 | 30 | 38 | 43 | 42 | 55 | 70 | 93 | 111 |
| | CC | $P_{tC.20}$ | 34 | 36 | 39 | 39 | 41 | 41 | 92 | 134 | 181 | 207 | 225 |
| 400 | --- | $Pt_{0.40}$ | 31 | 35 | 42 | 45 | 57 | 67 | 52 | 62 | 65 | 78 | 93 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 37 | 42 | 41 | 53 | 69 | 93 | 108 |
| | CC | $P_{tC.20}$ | 33 | 35 | 38 | 35 | 39 | 40 | 89 | 128 | 176 | 207 | 217 |
| 450 | --- | $Pt_{0.40}$ | --- | 34 | --- | 47 | --- | 64 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 21 | --- | 29 | --- | 40 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 33 | --- | 38 | --- | 39 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1000 rpm
# @ 20°C = 68°F



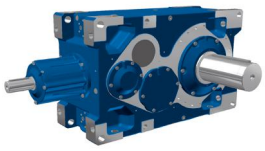
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 186 | 123 | 92 | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 341 | 385 | 517 | --- | * |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 182 | 123 | 101 | 69 | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 330 | 370 | 504 | 449 | * |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | 25 | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 181 | 168 | 173 | 84 | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 323 | 405 | 554 | 448 | 77 |
| 18 | --- | $Pt_{0.20}$ | 77 | --- | 84 | --- | 102 | --- | 27 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 61 | --- | 80 | --- | 122 | --- | 173 | 163 | 173 | 190 | * |
| | CC | $P_{tC.20}$ | 90 | --- | 97 | --- | 110 | --- | 308 | 386 | 535 | 509 | 92 |
| 20 | --- | $Pt_{0.20}$ | 74 | 88 | 82 | 92 | 99 | 125 | 48 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 58 | 68 | 78 | 80 | 116 | 134 | 163 | 188 | 220 | 242 | * |
| | CC | $P_{tC.20}$ | 86 | 91 | 94 | 88 | 104 | 108 | 293 | 405 | 561 | 542 | 220 |
| 22,4 | --- | $Pt_{0.20}$ | 74 | 84 | 83 | 98 | 106 | 121 | 48 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 57 | 64 | 75 | 86 | 115 | 127 | 155 | 180 | 215 | 240 | * |
| | CC | $P_{tC.20}$ | 84 | 87 | 91 | 94 | 103 | 103 | 279 | 384 | 541 | 531 | 219 |
| 25 | --- | $Pt_{0.20}$ | 71 | 85 | 81 | 90 | 102 | 128 | 62 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 55 | 64 | 73 | 75 | 109 | 126 | 145 | 195 | 240 | 271 | * |
| | CC | $P_{tC.20}$ | 81 | 86 | 88 | 82 | 98 | 102 | 263 | 390 | 541 | 542 | 297 |
| 28 | --- | $Pt_{0.20}$ | 71 | 81 | 86 | 96 | 125 | 123 | 60 | * | * | * | * |
| | FAN | $P_{tF.20}$ | 47 | 60 | 62 | 81 | 95 | 119 | 139 | 186 | 232 | 266 | * |
| | CC | $P_{tC.20}$ | 70 | 81 | 76 | 88 | 85 | 96 | 252 | 370 | 520 | 530 | 289 |
| 31,5 | --- | $Pt_{0.20}$ | 69 | 81 | 84 | 91 | 120 | 144 | 117 | 125 | 196 | * | 166 |
| | FAN | $P_{tF.20}$ | 46 | 53 | 60 | 63 | 90 | 104 | 118 | 145 | 203 | 277 | 306 |
| | CC | $P_{tC.20}$ | 67 | 72 | 74 | 69 | 81 | 84 | 217 | 298 | 442 | 519 | 520 |
| 35,5 | --- | $Pt_{0.20}$ | 68 | 77 | 83 | 97 | 122 | 138 | 113 | 120 | 190 | 0 | 162 |
| | FAN | $P_{tF.20}$ | 45 | 50 | 59 | 67 | 89 | 99 | 113 | 138 | 195 | 272 | 292 |
| | CC | $P_{tC.20}$ | 67 | 68 | 71 | 74 | 80 | 80 | 208 | 283 | 425 | 506 | 496 |
| 40 | --- | $Pt_{0.20}$ | 66 | 77 | 80 | 87 | 117 | 139 | 113 | 124 | 193 | 229 | 187 |
| | FAN | $P_{tF.20}$ | 43 | 50 | 57 | 59 | 85 | 98 | 108 | 133 | 184 | 218 | 276 |
| | CC | $P_{tC.20}$ | 64 | 68 | 69 | 65 | 76 | 79 | 200 | 275 | 401 | 417 | 470 |
| 45 | --- | $Pt_{0.20}$ | 64 | 73 | 78 | 93 | 115 | 133 | 109 | 119 | 187 | 227 | 181 |
| | FAN | $P_{tF.20}$ | 42 | 48 | 55 | 63 | 83 | 94 | 104 | 127 | 177 | 203 | 264 |
| | CC | $P_{tC.20}$ | 62 | 64 | 66 | 69 | 74 | 76 | 191 | 261 | 386 | 389 | 450 |
| 50 | --- | $Pt_{0.20}$ | 62 | 72 | 76 | 82 | 110 | 131 | 121 | 141 | 159 | 222 | 247 |
| | FAN | $P_{tF.20}$ | 40 | 46 | 53 | 55 | 79 | 91 | 86 | 110 | 133 | 197 | 219 |
| | CC | $P_{tC.20}$ | 59 | 63 | 65 | 60 | 70 | 73 | 160 | 229 | 297 | 378 | 378 |
| 56 | --- | $Pt_{0.20}$ | 58 | 69 | 81 | 88 | 114 | 125 | 117 | 135 | 155 | 228 | 239 |
| | FAN | $P_{tF.20}$ | 36 | 44 | 50 | 59 | 71 | 87 | 83 | 105 | 129 | 170 | 211 |
| | CC | $P_{tC.20}$ | 53 | 60 | 61 | 65 | 64 | 70 | 154 | 218 | 287 | 327 | 363 |
| 63 | --- | $Pt_{0.20}$ | 56 | 64 | 79 | 84 | 109 | 128 | 115 | 134 | 152 | 223 | 238 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 48 | 50 | 68 | 79 | 80 | 103 | 124 | 166 | 203 |
| | CC | $P_{tC.20}$ | 51 | 54 | 59 | 55 | 61 | 63 | 149 | 213 | 275 | 320 | 350 |
| 71 | --- | $Pt_{0.20}$ | 54 | 62 | 76 | 90 | 107 | 122 | 111 | 129 | 148 | 214 | 230 |
| | FAN | $P_{tF.20}$ | 33 | 38 | 47 | 54 | 66 | 75 | 77 | 98 | 120 | 156 | 195 |
| | CC | $P_{tC.20}$ | 49 | 51 | 57 | 59 | 60 | 61 | 143 | 203 | 267 | 301 | 336 |
| 80 | --- | $Pt_{0.20}$ | 52 | 60 | 74 | 79 | 102 | 120 | 98 | 120 | 140 | 209 | 211 |
| | FAN | $P_{tF.20}$ | 32 | 37 | 45 | 47 | 64 | 73 | 65 | 84 | 107 | 153 | 164 |
| | CC | $P_{tC.20}$ | 47 | 50 | 55 | 51 | 57 | 59 | 120 | 174 | 236 | 294 | 283 |
| 90 | --- | $Pt_{0.20}$ | 51 | 58 | 71 | 84 | 99 | 115 | 95 | 118 | 136 | 180 | 208 |
| | FAN | $P_{tF.20}$ | 31 | 35 | 43 | 50 | 61 | 70 | 62 | 81 | 102 | 134 | 158 |
| | CC | $P_{tC.20}$ | 46 | 48 | 52 | 55 | 55 | 56 | 115 | 168 | 225 | 257 | 273 |
| 100 | --- | $Pt_{0.20}$ | 49 | 57 | 69 | 73 | 95 | 111 | 92 | 113 | 133 | 172 | 201 |
| | FAN | $P_{tF.20}$ | 30 | 35 | 42 | 43 | 58 | 67 | 60 | 78 | 99 | 126 | 153 |
| | CC | $P_{tC.20}$ | 44 | 47 | 51 | 47 | 52 | 54 | 111 | 161 | 219 | 241 | 264 |

*** Additional Cooling Necessary - Consult Factory**



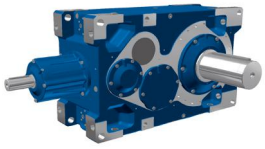
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 43 | 54 | 56 | 78 | 85 | 106 | 93 | 116 | 135 | 168 | 208 |
| | FAN | $P_{tF.20}$ | 25 | 33 | 33 | 46 | 51 | 64 | 60 | 79 | 98 | 123 | 152 |
| | CC | $P_{tC.20}$ | 38 | 45 | 41 | 51 | 46 | 52 | 111 | 162 | 216 | 236 | 262 |
| 125 | --- | $Pt_{0.20}$ | 41 | 47 | 55 | 58 | 81 | 95 | 90 | 112 | 131 | 168 | 201 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 33 | 34 | 49 | 56 | 58 | 75 | 95 | 120 | 146 |
| | CC | $P_{tC.20}$ | 36 | 38 | 40 | 38 | 44 | 45 | 108 | 156 | 210 | 230 | 253 |
| 140 | --- | $Pt_{0.20}$ | 40 | 46 | 53 | 62 | 78 | 91 | 87 | 109 | 126 | 164 | 196 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 31 | 36 | 47 | 54 | 56 | 73 | 90 | 117 | 141 |
| | CC | $P_{tC.20}$ | 36 | 37 | 38 | 40 | 42 | 44 | 103 | 149 | 199 | 225 | 244 |
| 160 | --- | $Pt_{0.20}$ | 39 | 45 | 51 | 55 | 75 | 88 | 84 | 104 | 123 | 155 | 189 |
| | FAN | $P_{tF.20}$ | 23 | 27 | 31 | 32 | 45 | 52 | 54 | 70 | 88 | 110 | 136 |
| | CC | $P_{tC.20}$ | 34 | 36 | 37 | 35 | 41 | 42 | 99 | 143 | 193 | 210 | 236 |
| 180 | --- | $Pt_{0.20}$ | 38 | 43 | 51 | 58 | 74 | 84 | 83 | 103 | 121 | 152 | 185 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 31 | 34 | 44 | 50 | 52 | 68 | 85 | 107 | 131 |
| | CC | $P_{tC.20}$ | 33 | 35 | 37 | 37 | 40 | 40 | 97 | 141 | 188 | 206 | 226 |
| 200 | --- | $Pt_{0.20}$ | 37 | 42 | 50 | 53 | 71 | 83 | 80 | 99 | 117 | 149 | 179 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 31 | 43 | 49 | 51 | 65 | 83 | 103 | 126 |
| | CC | $P_{tC.20}$ | 32 | 34 | 36 | 34 | 38 | 39 | 94 | 135 | 183 | 199 | 218 |
| 224 | --- | $Pt_{0.20}$ | 37 | 41 | 49 | 56 | 73 | 80 | 77 | 96 | 112 | 146 | 173 |
| | FAN | $P_{tF.20}$ | 22 | 24 | 29 | 33 | 43 | 47 | 48 | 63 | 78 | 101 | 122 |
| | CC | $P_{tC.20}$ | 33 | 33 | 35 | 36 | 39 | 38 | 89 | 129 | 173 | 195 | 211 |
| 250 | --- | $Pt_{0.20}$ | 36 | 41 | 48 | 51 | 70 | 81 | 74 | 92 | 109 | 137 | 167 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 28 | 30 | 42 | 48 | 47 | 60 | 76 | 94 | 117 |
| | CC | $P_{tC.20}$ | 31 | 33 | 34 | 32 | 37 | 39 | 86 | 124 | 168 | 181 | 203 |
| 280 | --- | $Pt_{0.20}$ | 35 | 40 | 46 | 54 | 67 | 78 | 71 | 88 | 104 | 134 | 158 |
| | FAN | $P_{tF.20}$ | 21 | 23 | 27 | 31 | 40 | 46 | 44 | 57 | 72 | 92 | 111 |
| | CC | $P_{tC.20}$ | 31 | 32 | 33 | 34 | 36 | 37 | 82 | 119 | 160 | 177 | 192 |
| 315 | --- | $Pt_{0.20}$ | 34 | 39 | 45 | 47 | 64 | 74 | 68 | 84 | 101 | 124 | 153 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 26 | 27 | 38 | 44 | 43 | 55 | 70 | 86 | 107 |
| | CC | $P_{tC.20}$ | 29 | 31 | 32 | 30 | 34 | 35 | 79 | 114 | 156 | 166 | 185 |
| 355 | --- | $Pt_{0.20}$ | 33 | 37 | 45 | 50 | 63 | 71 | 66 | 82 | 97 | 121 | 148 |
| | FAN | $P_{tF.20}$ | 19 | 22 | 26 | 29 | 37 | 42 | 41 | 53 | 67 | 85 | 103 |
| | CC | $P_{tC.20}$ | 29 | 30 | 32 | 32 | 33 | 34 | 75 | 109 | 147 | 163 | 178 |
| 400 | --- | $Pt_{0.20}$ | 32 | 36 | 43 | 46 | 60 | 70 | 64 | 79 | 94 | 121 | 143 |
| | FAN | $P_{tF.20}$ | 19 | 21 | 26 | 27 | 36 | 41 | 40 | 51 | 65 | 85 | 99 |
| | CC | $P_{tC.20}$ | 28 | 29 | 31 | 29 | 32 | 33 | 73 | 105 | 143 | 163 | 172 |
| 450 | --- | $Pt_{0.20}$ | --- | 35 | --- | 49 | --- | 67 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 20 | --- | 28 | --- | 39 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 28 | --- | 31 | --- | 32 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1000 rpm
# @ 40°C = 104°F



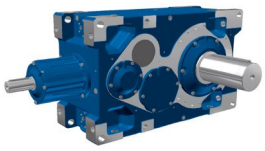
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 115 | 16 | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 304 | 337 | 453 | --- | * |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 115 | 23 | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 295 | 325 | 443 | 375 | * |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 142 | 80 | 33 | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 313 | 361 | 495 | 376 | * |
| 18 | --- | $Pt_{0.40}$ | 62 | --- | 64 | --- | 72 | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 53 | --- | 70 | --- | 107 | --- | 138 | 80 | 41 | 41 | * |
| | CC | $P_{tC.20}$ | 92 | --- | 100 | --- | 113 | --- | 302 | 345 | 479 | 444 | * |
| 20 | --- | $Pt_{0.40}$ | 60 | 72 | 63 | 72 | 70 | 92 | 1 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 50 | 59 | 68 | 70 | 102 | 117 | 151 | 109 | 105 | 112 | * |
| | CC | $P_{tC.20}$ | 88 | 93 | 97 | 90 | 108 | 112 | 308 | 365 | 508 | 481 | 121 |
| 22,4 | --- | $Pt_{0.40}$ | 60 | 68 | 65 | 77 | 78 | 90 | 3 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 50 | 55 | 65 | 75 | 100 | 111 | 144 | 105 | 105 | 114 | * |
| | CC | $P_{tC.20}$ | 86 | 88 | 93 | 97 | 106 | 106 | 294 | 347 | 490 | 472 | 126 |
| 25 | --- | $Pt_{0.40}$ | 58 | 70 | 63 | 71 | 76 | 98 | 22 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 47 | 55 | 63 | 65 | 95 | 110 | 132 | 124 | 141 | 156 | * |
| | CC | $P_{tC.20}$ | 83 | 88 | 91 | 84 | 101 | 105 | 274 | 354 | 494 | 486 | 216 |
| 28 | --- | $Pt_{0.40}$ | 60 | 66 | 71 | 77 | 103 | 94 | 23 | * | * | * | * |
| | FAN | $P_{tF.40}$ | 41 | 52 | 54 | 70 | 82 | 104 | 126 | 119 | 138 | 155 | * |
| | CC | $P_{tC.20}$ | 72 | 83 | 77 | 91 | 87 | 99 | 262 | 336 | 475 | 475 | 211 |
| 31,5 | --- | $Pt_{0.40}$ | 58 | 68 | 69 | 76 | 99 | 119 | 88 | 90 | 147 | * | 87 |
| | FAN | $P_{tF.40}$ | 39 | 46 | 52 | 54 | 78 | 90 | 103 | 126 | 179 | 177 | 277 |
| | CC | $P_{tC.20}$ | 69 | 73 | 75 | 70 | 83 | 86 | 222 | 304 | 453 | 469 | 541 |
| 35,5 | --- | $Pt_{0.40}$ | 58 | 65 | 69 | 81 | 100 | 114 | 86 | 87 | 143 | 0 | 87 |
| | FAN | $P_{tF.40}$ | 39 | 43 | 51 | 58 | 77 | 86 | 98 | 120 | 172 | 174 | 264 |
| | CC | $P_{tC.20}$ | 68 | 69 | 73 | 75 | 82 | 82 | 213 | 289 | 436 | 457 | 517 |
| 40 | --- | $Pt_{0.40}$ | 55 | 65 | 67 | 73 | 96 | 116 | 87 | 92 | 149 | 176 | 118 |
| | FAN | $P_{tF.40}$ | 37 | 43 | 49 | 51 | 74 | 85 | 94 | 116 | 161 | 192 | 246 |
| | CC | $P_{tC.20}$ | 65 | 69 | 71 | 66 | 78 | 81 | 204 | 280 | 411 | 428 | 487 |
| 45 | --- | $Pt_{0.40}$ | 54 | 62 | 65 | 77 | 95 | 111 | 84 | 88 | 144 | 179 | 115 |
| | FAN | $P_{tF.40}$ | 36 | 41 | 47 | 55 | 71 | 81 | 90 | 110 | 155 | 178 | 235 |
| | CC | $P_{tC.20}$ | 63 | 66 | 68 | 71 | 76 | 77 | 195 | 266 | 395 | 398 | 465 |
| 50 | --- | $Pt_{0.40}$ | 52 | 61 | 63 | 69 | 91 | 109 | 101 | 115 | 128 | 175 | 195 |
| | FAN | $P_{tF.40}$ | 34 | 40 | 46 | 48 | 68 | 79 | 74 | 95 | 115 | 173 | 192 |
| | CC | $P_{tC.20}$ | 60 | 64 | 66 | 62 | 72 | 75 | 162 | 232 | 301 | 387 | 387 |
| 56 | --- | $Pt_{0.40}$ | 49 | 58 | 69 | 73 | 97 | 105 | 97 | 111 | 125 | 188 | 188 |
| | FAN | $P_{tF.40}$ | 31 | 38 | 43 | 51 | 62 | 75 | 72 | 91 | 112 | 149 | 185 |
| | CC | $P_{tC.20}$ | 54 | 61 | 62 | 66 | 65 | 71 | 157 | 222 | 292 | 335 | 372 |
| 63 | --- | $Pt_{0.40}$ | 47 | 55 | 67 | 72 | 93 | 109 | 96 | 110 | 123 | 184 | 190 |
| | FAN | $P_{tF.40}$ | 29 | 34 | 42 | 44 | 59 | 68 | 69 | 89 | 107 | 145 | 178 |
| | CC | $P_{tC.20}$ | 52 | 54 | 60 | 56 | 62 | 65 | 151 | 216 | 280 | 327 | 358 |
| 71 | --- | $Pt_{0.40}$ | 46 | 52 | 65 | 77 | 91 | 104 | 93 | 106 | 120 | 177 | 183 |
| | FAN | $P_{tF.40}$ | 29 | 32 | 40 | 46 | 57 | 65 | 67 | 85 | 104 | 137 | 171 |
| | CC | $P_{tC.20}$ | 50 | 52 | 58 | 60 | 61 | 62 | 146 | 206 | 271 | 308 | 344 |
| 80 | --- | $Pt_{0.40}$ | 44 | 51 | 63 | 67 | 87 | 102 | 82 | 100 | 115 | 173 | 172 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 39 | 41 | 55 | 63 | 56 | 73 | 93 | 133 | 143 |
| | CC | $P_{tC.20}$ | 48 | 51 | 56 | 53 | 58 | 60 | 122 | 177 | 240 | 300 | 290 |
| 90 | --- | $Pt_{0.40}$ | 43 | 49 | 60 | 72 | 84 | 98 | 80 | 98 | 112 | 148 | 170 |
| | FAN | $P_{tF.40}$ | 27 | 30 | 37 | 43 | 53 | 60 | 54 | 71 | 88 | 117 | 138 |
| | CC | $P_{tC.20}$ | 47 | 49 | 53 | 56 | 56 | 58 | 117 | 171 | 229 | 263 | 280 |
| 100 | --- | $Pt_{0.40}$ | 42 | 49 | 59 | 62 | 81 | 95 | 77 | 95 | 110 | 142 | 165 |
| | FAN | $P_{tF.40}$ | 26 | 30 | 36 | 37 | 50 | 58 | 52 | 68 | 86 | 110 | 134 |
| | CC | $P_{tC.20}$ | 45 | 48 | 52 | 48 | 53 | 55 | 113 | 164 | 223 | 247 | 270 |

*** Additional Cooling Necessary - Consult Factory**



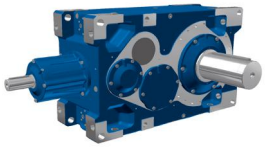
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 37 | 46 | 48 | 67 | 73 | 91 | 79 | 98 | 112 | 139 | 172 |
| | FAN | $P_{tF.40}$ | 22 | 28 | 29 | 40 | 44 | 56 | 52 | 68 | 85 | 108 | 132 |
| | CC | $P_{tC.20}$ | 38 | 46 | 41 | 52 | 47 | 53 | 113 | 165 | 220 | 242 | 268 |
| 125 | --- | $Pt_{0.40}$ | 35 | 41 | 47 | 50 | 70 | 81 | 76 | 94 | 109 | 139 | 167 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 30 | 42 | 49 | 50 | 65 | 82 | 105 | 128 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 38 | 45 | 46 | 110 | 158 | 214 | 235 | 259 |
| 140 | --- | $Pt_{0.40}$ | 35 | 39 | 45 | 53 | 67 | 78 | 74 | 92 | 105 | 137 | 162 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 27 | 31 | 41 | 47 | 48 | 63 | 78 | 103 | 123 |
| | CC | $P_{tC.20}$ | 36 | 37 | 39 | 40 | 43 | 45 | 105 | 152 | 203 | 230 | 249 |
| 160 | --- | $Pt_{0.40}$ | 34 | 38 | 44 | 47 | 65 | 75 | 71 | 88 | 102 | 129 | 157 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 26 | 28 | 39 | 45 | 47 | 60 | 76 | 96 | 119 |
| | CC | $P_{tC.20}$ | 35 | 37 | 38 | 36 | 41 | 43 | 101 | 146 | 197 | 215 | 241 |
| 180 | --- | $Pt_{0.40}$ | 33 | 37 | 44 | 50 | 64 | 72 | 70 | 87 | 101 | 126 | 154 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 29 | 38 | 43 | 45 | 59 | 74 | 94 | 114 |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 38 | 41 | 41 | 99 | 143 | 192 | 211 | 231 |
| 200 | --- | $Pt_{0.40}$ | 32 | 36 | 43 | 46 | 61 | 71 | 68 | 83 | 98 | 124 | 149 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 37 | 42 | 44 | 57 | 72 | 90 | 110 |
| | CC | $P_{tC.20}$ | 33 | 35 | 37 | 35 | 39 | 40 | 95 | 137 | 186 | 203 | 223 |
| 224 | --- | $Pt_{0.40}$ | 32 | 35 | 42 | 48 | 62 | 68 | 65 | 81 | 94 | 122 | 145 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 28 | 38 | 40 | 42 | 54 | 68 | 89 | 106 |
| | CC | $P_{tC.20}$ | 33 | 33 | 36 | 37 | 40 | 39 | 91 | 132 | 176 | 199 | 215 |
| 250 | --- | $Pt_{0.40}$ | 31 | 35 | 41 | 44 | 60 | 70 | 63 | 78 | 91 | 114 | 140 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 24 | 25 | 36 | 41 | 40 | 52 | 66 | 83 | 102 |
| | CC | $P_{tC.20}$ | 32 | 34 | 35 | 33 | 38 | 39 | 88 | 126 | 171 | 185 | 207 |
| 280 | --- | $Pt_{0.40}$ | 30 | 34 | 39 | 46 | 57 | 67 | 60 | 74 | 87 | 112 | 133 |
| | FAN | $P_{tF.40}$ | 18 | 20 | 23 | 27 | 34 | 40 | 38 | 50 | 63 | 81 | 96 |
| | CC | $P_{tC.20}$ | 31 | 32 | 34 | 35 | 36 | 38 | 83 | 121 | 163 | 182 | 195 |
| 315 | --- | $Pt_{0.40}$ | 29 | 33 | 38 | 41 | 55 | 64 | 58 | 71 | 85 | 103 | 128 |
| | FAN | $P_{tF.40}$ | 17 | 20 | 23 | 24 | 33 | 38 | 37 | 48 | 61 | 75 | 93 |
| | CC | $P_{tC.20}$ | 30 | 32 | 33 | 31 | 35 | 36 | 81 | 116 | 158 | 170 | 189 |
| 355 | --- | $Pt_{0.40}$ | 28 | 32 | 38 | 43 | 54 | 61 | 56 | 69 | 81 | 101 | 124 |
| | FAN | $P_{tF.40}$ | 17 | 19 | 23 | 25 | 32 | 36 | 35 | 46 | 58 | 74 | 90 |
| | CC | $P_{tC.20}$ | 29 | 30 | 33 | 33 | 34 | 34 | 77 | 111 | 150 | 166 | 182 |
| 400 | --- | $Pt_{0.40}$ | 27 | 31 | 37 | 40 | 52 | 60 | 54 | 67 | 79 | 101 | 120 |
| | FAN | $P_{tF.40}$ | 16 | 18 | 22 | 23 | 31 | 35 | 34 | 44 | 56 | 74 | 87 |
| | CC | $P_{tC.20}$ | 28 | 30 | 32 | 30 | 33 | 34 | 74 | 107 | 146 | 166 | 176 |
| 450 | --- | $Pt_{0.40}$ | --- | 30 | --- | 42 | --- | 58 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 18 | --- | 24 | --- | 34 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 28 | --- | 32 | --- | 32 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1200 rpm
# @ 20°C = 68°F



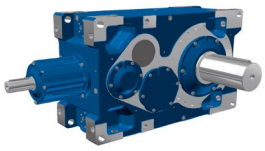
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 64 | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 242 | 206 | 237 | --- | * |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 69 | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 238 | 205 | 242 | 89 | * |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | 115 | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 273 | 268 | 336 | 109 | * |
| 18 | --- | $Pt_{0.20}$ | 69 | --- | 66 | --- | 62 | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 65 | --- | 86 | --- | 134 | --- | 114 | * | * | * | * |
| | CC | $P_{tC.20}$ | 96 | --- | 104 | --- | 121 | --- | 264 | 258 | 332 | 262 | * |
| 20 | --- | $Pt_{0.20}$ | 66 | 80 | 65 | 76 | 61 | 87 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 62 | 72 | 84 | 86 | 128 | 146 | 138 | 42 | 0 | 0 | * |
| | CC | $P_{tC.20}$ | 92 | 97 | 101 | 94 | 115 | 118 | 282 | 293 | 392 | 337 | * |
| 22,4 | --- | $Pt_{0.20}$ | 67 | 77 | 68 | 82 | 74 | 85 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 61 | 68 | 81 | 92 | 125 | 139 | 135 | 44 | * | * | * |
| | CC | $P_{tC.20}$ | 90 | 92 | 98 | 101 | 112 | 112 | 272 | 281 | 381 | 334 | * |
| 25 | --- | $Pt_{0.20}$ | 65 | 78 | 67 | 77 | 71 | 97 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 58 | 68 | 78 | 81 | 119 | 136 | 149 | 80 | 53 | 44 | * |
| | CC | $P_{tC.20}$ | 86 | 92 | 95 | 88 | 107 | 110 | 278 | 301 | 411 | 379 | * |
| 28 | --- | $Pt_{0.20}$ | 71 | 75 | 82 | 83 | 117 | 94 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 50 | 64 | 66 | 86 | 101 | 129 | 144 | 78 | 55 | 49 | * |
| | CC | $P_{tC.20}$ | 74 | 87 | 80 | 95 | 90 | 105 | 267 | 286 | 397 | 372 | * |
| 31,5 | --- | $Pt_{0.20}$ | 68 | 80 | 80 | 88 | 113 | 136 | 89 | 84 | 142 | * | * |
| | FAN | $P_{tF.20}$ | 48 | 56 | 64 | 67 | 96 | 111 | 127 | 156 | 223 | 106 | 369 |
| | CC | $P_{tC.20}$ | 71 | 76 | 78 | 73 | 86 | 89 | 232 | 319 | 480 | 389 | 604 |
| 35,5 | --- | $Pt_{0.20}$ | 68 | 76 | 79 | 94 | 115 | 131 | 86 | 82 | 139 | * | 3 |
| | FAN | $P_{tF.20}$ | 47 | 53 | 62 | 71 | 95 | 106 | 122 | 149 | 214 | 106 | 355 |
| | CC | $P_{tC.20}$ | 70 | 72 | 75 | 78 | 85 | 85 | 223 | 303 | 462 | 381 | 579 |
| 40 | --- | $Pt_{0.20}$ | 65 | 77 | 78 | 85 | 111 | 134 | 90 | 90 | 152 | 179 | 68 |
| | FAN | $P_{tF.20}$ | 46 | 53 | 60 | 63 | 90 | 104 | 116 | 143 | 200 | 239 | 317 |
| | CC | $P_{tC.20}$ | 67 | 72 | 73 | 69 | 81 | 84 | 213 | 293 | 434 | 453 | 529 |
| 45 | --- | $Pt_{0.20}$ | 64 | 73 | 76 | 90 | 110 | 128 | 87 | 87 | 148 | 189 | 68 |
| | FAN | $P_{tF.20}$ | 44 | 50 | 58 | 67 | 88 | 99 | 111 | 136 | 193 | 220 | 302 |
| | CC | $P_{tC.20}$ | 65 | 68 | 70 | 73 | 78 | 80 | 204 | 279 | 417 | 420 | 506 |
| 50 | --- | $Pt_{0.20}$ | 61 | 72 | 74 | 81 | 105 | 127 | 117 | 131 | 142 | 185 | 206 |
| | FAN | $P_{tF.20}$ | 42 | 49 | 56 | 58 | 84 | 96 | 91 | 117 | 141 | 214 | 238 |
| | CC | $P_{tC.20}$ | 63 | 66 | 68 | 64 | 75 | 78 | 168 | 241 | 313 | 408 | 408 |
| 56 | --- | $Pt_{0.20}$ | 59 | 69 | 83 | 86 | 115 | 122 | 113 | 126 | 139 | 213 | 200 |
| | FAN | $P_{tF.20}$ | 37 | 46 | 53 | 62 | 75 | 92 | 88 | 111 | 137 | 183 | 229 |
| | CC | $P_{tC.20}$ | 55 | 63 | 64 | 68 | 67 | 74 | 162 | 230 | 303 | 350 | 392 |
| 63 | --- | $Pt_{0.20}$ | 57 | 66 | 81 | 86 | 111 | 130 | 111 | 126 | 138 | 208 | 206 |
| | FAN | $P_{tF.20}$ | 36 | 42 | 51 | 53 | 72 | 83 | 85 | 109 | 131 | 178 | 219 |
| | CC | $P_{tC.20}$ | 53 | 56 | 62 | 58 | 65 | 67 | 157 | 225 | 290 | 342 | 377 |
| 71 | --- | $Pt_{0.20}$ | 55 | 63 | 78 | 92 | 109 | 125 | 108 | 121 | 135 | 202 | 199 |
| | FAN | $P_{tF.20}$ | 35 | 40 | 49 | 57 | 70 | 79 | 82 | 104 | 127 | 168 | 211 |
| | CC | $P_{tC.20}$ | 52 | 54 | 60 | 62 | 63 | 64 | 151 | 214 | 281 | 322 | 362 |
| 80 | --- | $Pt_{0.20}$ | 53 | 62 | 76 | 81 | 104 | 123 | 96 | 116 | 131 | 198 | 192 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 48 | 50 | 67 | 77 | 69 | 89 | 113 | 164 | 176 |
| | CC | $P_{tC.20}$ | 50 | 53 | 58 | 54 | 60 | 62 | 127 | 184 | 250 | 314 | 304 |
| 90 | --- | $Pt_{0.20}$ | 52 | 59 | 72 | 86 | 101 | 117 | 94 | 115 | 128 | 168 | 191 |
| | FAN | $P_{tF.20}$ | 33 | 37 | 45 | 53 | 65 | 74 | 66 | 86 | 108 | 144 | 170 |
| | CC | $P_{tC.20}$ | 49 | 50 | 55 | 58 | 58 | 60 | 121 | 177 | 238 | 275 | 293 |
| 100 | --- | $Pt_{0.20}$ | 50 | 58 | 70 | 75 | 97 | 114 | 91 | 110 | 125 | 161 | 185 |
| | FAN | $P_{tF.20}$ | 32 | 37 | 44 | 46 | 62 | 71 | 64 | 83 | 105 | 135 | 165 |
| | CC | $P_{tC.20}$ | 47 | 50 | 54 | 50 | 55 | 57 | 118 | 171 | 232 | 258 | 283 |

*** Additional Cooling Necessary - Consult Factory**



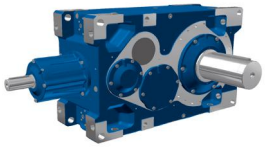
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 44 | 56 | 58 | 80 | 87 | 109 | 93 | 114 | 129 | 158 | 197 |
| | FAN | $P_{tF.20}$ | 27 | 35 | 35 | 49 | 54 | 68 | 64 | 83 | 103 | 132 | 162 |
| | CC | $P_{tC.20}$ | 40 | 47 | 43 | 54 | 48 | 55 | 117 | 171 | 229 | 253 | 280 |
| 125 | --- | $Pt_{0.20}$ | 43 | 49 | 56 | 61 | 84 | 98 | 90 | 110 | 125 | 160 | 191 |
| | FAN | $P_{tF.20}$ | 26 | 30 | 34 | 36 | 52 | 60 | 62 | 80 | 101 | 128 | 157 |
| | CC | $P_{tC.20}$ | 38 | 40 | 42 | 40 | 47 | 48 | 114 | 164 | 222 | 246 | 270 |
| 140 | --- | $Pt_{0.20}$ | 42 | 47 | 54 | 64 | 81 | 94 | 87 | 107 | 121 | 157 | 186 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 33 | 38 | 50 | 57 | 59 | 77 | 96 | 126 | 151 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 42 | 45 | 46 | 108 | 158 | 211 | 241 | 261 |
| 160 | --- | $Pt_{0.20}$ | 40 | 46 | 53 | 57 | 78 | 91 | 84 | 103 | 118 | 148 | 180 |
| | FAN | $P_{tF.20}$ | 24 | 28 | 32 | 34 | 48 | 55 | 57 | 74 | 93 | 118 | 146 |
| | CC | $P_{tC.20}$ | 36 | 38 | 39 | 37 | 43 | 44 | 105 | 152 | 205 | 225 | 252 |
| 180 | --- | $Pt_{0.20}$ | 39 | 45 | 53 | 60 | 77 | 87 | 83 | 102 | 117 | 145 | 178 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 36 | 47 | 53 | 55 | 72 | 90 | 115 | 140 |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 39 | 42 | 42 | 102 | 149 | 199 | 220 | 241 |
| 200 | --- | $Pt_{0.20}$ | 38 | 44 | 52 | 55 | 74 | 86 | 80 | 98 | 114 | 143 | 172 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 31 | 33 | 45 | 52 | 53 | 69 | 88 | 111 | 135 |
| | CC | $P_{tC.20}$ | 34 | 36 | 38 | 36 | 40 | 42 | 99 | 143 | 194 | 213 | 233 |
| 224 | --- | $Pt_{0.20}$ | 38 | 42 | 51 | 58 | 75 | 82 | 77 | 95 | 109 | 141 | 167 |
| | FAN | $P_{tF.20}$ | 23 | 25 | 31 | 35 | 46 | 49 | 51 | 66 | 83 | 109 | 130 |
| | CC | $P_{tC.20}$ | 34 | 34 | 37 | 38 | 41 | 40 | 94 | 137 | 183 | 208 | 224 |
| 250 | --- | $Pt_{0.20}$ | 37 | 43 | 49 | 53 | 72 | 84 | 75 | 92 | 106 | 132 | 162 |
| | FAN | $P_{tF.20}$ | 22 | 26 | 30 | 31 | 44 | 50 | 49 | 64 | 81 | 101 | 125 |
| | CC | $P_{tC.20}$ | 33 | 35 | 36 | 34 | 39 | 41 | 91 | 131 | 178 | 194 | 217 |
| 280 | --- | $Pt_{0.20}$ | 36 | 41 | 48 | 56 | 69 | 81 | 71 | 88 | 101 | 130 | 154 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 29 | 33 | 42 | 48 | 47 | 61 | 77 | 99 | 118 |
| | CC | $P_{tC.20}$ | 32 | 33 | 35 | 36 | 38 | 39 | 87 | 125 | 169 | 190 | 204 |
| 315 | --- | $Pt_{0.20}$ | 35 | 40 | 46 | 49 | 66 | 77 | 69 | 84 | 99 | 119 | 149 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 28 | 29 | 40 | 46 | 45 | 58 | 75 | 92 | 114 |
| | CC | $P_{tC.20}$ | 31 | 33 | 34 | 32 | 36 | 37 | 84 | 120 | 165 | 177 | 197 |
| 355 | --- | $Pt_{0.20}$ | 34 | 39 | 46 | 52 | 65 | 74 | 66 | 82 | 94 | 117 | 144 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 28 | 31 | 39 | 44 | 43 | 56 | 71 | 90 | 110 |
| | CC | $P_{tC.20}$ | 30 | 31 | 34 | 34 | 35 | 36 | 80 | 116 | 156 | 174 | 190 |
| 400 | --- | $Pt_{0.20}$ | 33 | 38 | 45 | 48 | 62 | 73 | 64 | 79 | 92 | 117 | 139 |
| | FAN | $P_{tF.20}$ | 20 | 23 | 27 | 28 | 38 | 43 | 42 | 54 | 69 | 90 | 106 |
| | CC | $P_{tC.20}$ | 29 | 31 | 33 | 31 | 34 | 35 | 77 | 111 | 152 | 174 | 183 |
| 450 | --- | $Pt_{0.20}$ | --- | 36 | --- | 51 | --- | 70 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 22 | --- | 30 | --- | 41 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 29 | --- | 33 | --- | 33 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1200 rpm
# @ 40°C = 104°F



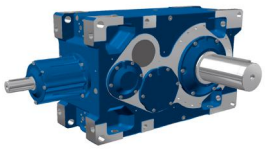
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 201 | 151 | 156 | --- | * |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 198 | 152 | 166 | * | * |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | 37 | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 235 | 219 | 267 | * | * |
| 18 | --- | $Pt_{0.40}$ | 53 | --- | 44 | --- | 26 | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 56 | --- | 76 | --- | 121 | --- | 41 | * | * | * | * |
| | CC | $P_{tC.20}$ | 98 | --- | 108 | --- | 128 | --- | 229 | 212 | 266 | 183 | * |
| 20 | --- | $Pt_{0.40}$ | 51 | 62 | 44 | 55 | 27 | 49 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 54 | 63 | 73 | 76 | 115 | 130 | 71 | * | * | * | * |
| | CC | $P_{tC.20}$ | 94 | 100 | 104 | 97 | 121 | 124 | 247 | 249 | 331 | 264 | * |
| 22,4 | --- | $Pt_{0.40}$ | 52 | 60 | 48 | 59 | 42 | 49 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 53 | 59 | 71 | 81 | 111 | 123 | 70 | * | * | * | * |
| | CC | $P_{tC.20}$ | 92 | 95 | 101 | 104 | 117 | 118 | 239 | 239 | 323 | 264 | * |
| 25 | --- | $Pt_{0.40}$ | 51 | 62 | 47 | 57 | 41 | 63 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 51 | 59 | 68 | 70 | 106 | 120 | 89 | * | * | * | * |
| | CC | $P_{tC.20}$ | 88 | 94 | 98 | 91 | 112 | 115 | 247 | 261 | 357 | 314 | * |
| 28 | --- | $Pt_{0.40}$ | 58 | 59 | 66 | 61 | 93 | 62 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 43 | 56 | 57 | 75 | 87 | 114 | 87 | * | * | * | * |
| | CC | $P_{tC.20}$ | 76 | 89 | 82 | 97 | 92 | 109 | 238 | 249 | 346 | 310 | * |
| 31,5 | --- | $Pt_{0.40}$ | 57 | 67 | 65 | 72 | 90 | 110 | 57 | 45 | 86 | * | * |
| | FAN | $P_{tF.40}$ | 42 | 48 | 55 | 58 | 83 | 96 | 111 | 138 | 200 | * | 247 |
| | CC | $P_{tC.20}$ | 73 | 77 | 79 | 74 | 88 | 92 | 238 | 327 | 496 | 333 | 542 |
| 35,5 | --- | $Pt_{0.40}$ | 56 | 64 | 65 | 77 | 93 | 106 | 56 | 45 | 85 | * | * |
| | FAN | $P_{tF.40}$ | 41 | 46 | 54 | 61 | 82 | 92 | 107 | 132 | 192 | * | 241 |
| | CC | $P_{tC.20}$ | 72 | 73 | 77 | 79 | 87 | 87 | 229 | 311 | 476 | 326 | 523 |
| 40 | --- | $Pt_{0.40}$ | 54 | 64 | 63 | 70 | 89 | 109 | 61 | 55 | 102 | 120 | * |
| | FAN | $P_{tF.40}$ | 39 | 46 | 52 | 54 | 78 | 90 | 102 | 126 | 178 | 213 | 275 |
| | CC | $P_{tC.20}$ | 69 | 73 | 75 | 70 | 83 | 86 | 218 | 300 | 446 | 467 | 540 |
| 45 | --- | $Pt_{0.40}$ | 53 | 61 | 62 | 74 | 89 | 104 | 60 | 54 | 100 | 135 | * |
| | FAN | $P_{tF.40}$ | 38 | 43 | 50 | 58 | 76 | 86 | 98 | 120 | 171 | 195 | 266 |
| | CC | $P_{tC.20}$ | 66 | 69 | 72 | 75 | 80 | 82 | 210 | 286 | 429 | 432 | 519 |
| 50 | --- | $Pt_{0.40}$ | 51 | 60 | 60 | 66 | 86 | 104 | 95 | 103 | 109 | 132 | 148 |
| | FAN | $P_{tF.40}$ | 36 | 42 | 49 | 50 | 72 | 84 | 79 | 101 | 122 | 190 | 211 |
| | CC | $P_{tC.20}$ | 64 | 68 | 70 | 65 | 77 | 80 | 171 | 245 | 318 | 420 | 420 |
| 56 | --- | $Pt_{0.40}$ | 50 | 58 | 70 | 71 | 98 | 100 | 92 | 99 | 106 | 169 | 144 |
| | FAN | $P_{tF.40}$ | 32 | 40 | 45 | 54 | 65 | 80 | 76 | 97 | 119 | 160 | 203 |
| | CC | $P_{tC.20}$ | 56 | 64 | 65 | 70 | 69 | 76 | 165 | 234 | 308 | 359 | 404 |
| 63 | --- | $Pt_{0.40}$ | 48 | 56 | 69 | 73 | 94 | 110 | 91 | 100 | 107 | 166 | 152 |
| | FAN | $P_{tF.40}$ | 31 | 36 | 44 | 46 | 62 | 72 | 73 | 94 | 113 | 156 | 194 |
| | CC | $P_{tC.20}$ | 54 | 57 | 63 | 60 | 66 | 68 | 159 | 228 | 295 | 350 | 387 |
| 71 | --- | $Pt_{0.40}$ | 47 | 53 | 66 | 78 | 92 | 106 | 88 | 96 | 105 | 162 | 148 |
| | FAN | $P_{tF.40}$ | 30 | 34 | 42 | 49 | 61 | 69 | 71 | 90 | 110 | 147 | 186 |
| | CC | $P_{tC.20}$ | 53 | 55 | 61 | 64 | 64 | 65 | 154 | 218 | 286 | 329 | 372 |
| 80 | --- | $Pt_{0.40}$ | 45 | 52 | 65 | 69 | 88 | 104 | 80 | 95 | 104 | 159 | 150 |
| | FAN | $P_{tF.40}$ | 29 | 33 | 41 | 43 | 58 | 67 | 59 | 77 | 99 | 143 | 155 |
| | CC | $P_{tC.20}$ | 51 | 54 | 59 | 56 | 61 | 64 | 129 | 187 | 255 | 321 | 311 |
| 90 | --- | $Pt_{0.40}$ | 44 | 50 | 62 | 74 | 86 | 100 | 78 | 94 | 103 | 134 | 151 |
| | FAN | $P_{tF.40}$ | 28 | 32 | 39 | 46 | 56 | 64 | 57 | 75 | 94 | 127 | 149 |
| | CC | $P_{tC.20}$ | 50 | 51 | 56 | 59 | 59 | 61 | 124 | 181 | 243 | 282 | 300 |
| 100 | --- | $Pt_{0.40}$ | 43 | 50 | 60 | 64 | 82 | 97 | 76 | 91 | 100 | 129 | 146 |
| | FAN | $P_{tF.40}$ | 27 | 31 | 38 | 40 | 53 | 61 | 55 | 72 | 92 | 119 | 144 |
| | CC | $P_{tC.20}$ | 48 | 50 | 55 | 51 | 56 | 59 | 120 | 174 | 236 | 265 | 290 |

*** Additional Cooling Necessary - Consult Factory**



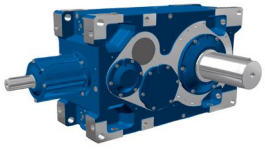
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 38 | 47 | 49 | 68 | 74 | 93 | 78 | 95 | 104 | 126 | 159 |
| | FAN | $P_{tF.40}$ | 23 | 30 | 30 | 42 | 47 | 59 | 55 | 72 | 90 | 116 | 142 |
| | CC | $P_{tC.20}$ | 40 | 48 | 44 | 55 | 49 | 56 | 120 | 174 | 233 | 260 | 287 |
| 125 | --- | $Pt_{0.40}$ | 37 | 42 | 48 | 52 | 72 | 83 | 75 | 91 | 102 | 129 | 153 |
| | FAN | $P_{tF.40}$ | 22 | 26 | 30 | 31 | 45 | 51 | 53 | 69 | 87 | 113 | 137 |
| | CC | $P_{tC.20}$ | 39 | 41 | 43 | 40 | 48 | 49 | 116 | 167 | 226 | 252 | 277 |
| 140 | --- | $Pt_{0.40}$ | 36 | 40 | 46 | 55 | 69 | 80 | 73 | 89 | 98 | 127 | 150 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 29 | 33 | 43 | 49 | 51 | 67 | 83 | 110 | 132 |
| | CC | $P_{tC.20}$ | 38 | 39 | 41 | 43 | 46 | 47 | 110 | 161 | 215 | 247 | 267 |
| 160 | --- | $Pt_{0.40}$ | 35 | 40 | 45 | 49 | 66 | 77 | 71 | 86 | 96 | 120 | 145 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 29 | 41 | 47 | 49 | 64 | 81 | 103 | 128 |
| | CC | $P_{tC.20}$ | 37 | 39 | 40 | 38 | 44 | 45 | 107 | 155 | 209 | 231 | 258 |
| 180 | --- | $Pt_{0.40}$ | 34 | 38 | 45 | 51 | 65 | 74 | 70 | 85 | 96 | 118 | 145 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 28 | 31 | 41 | 46 | 48 | 63 | 78 | 101 | 122 |
| | CC | $P_{tC.20}$ | 36 | 37 | 40 | 40 | 43 | 43 | 104 | 151 | 203 | 226 | 247 |
| 200 | --- | $Pt_{0.40}$ | 33 | 37 | 44 | 47 | 63 | 73 | 68 | 82 | 93 | 117 | 141 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 27 | 28 | 39 | 45 | 46 | 60 | 76 | 97 | 118 |
| | CC | $P_{tC.20}$ | 35 | 36 | 39 | 37 | 41 | 42 | 101 | 145 | 197 | 218 | 238 |
| 224 | --- | $Pt_{0.40}$ | 33 | 36 | 44 | 50 | 64 | 71 | 65 | 80 | 90 | 115 | 137 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 26 | 30 | 40 | 43 | 44 | 58 | 72 | 95 | 114 |
| | CC | $P_{tC.20}$ | 35 | 35 | 38 | 39 | 42 | 41 | 96 | 139 | 187 | 213 | 230 |
| 250 | --- | $Pt_{0.40}$ | 32 | 37 | 42 | 45 | 62 | 72 | 63 | 77 | 87 | 108 | 132 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 38 | 44 | 43 | 55 | 70 | 89 | 110 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 35 | 40 | 42 | 93 | 134 | 181 | 199 | 222 |
| 280 | --- | $Pt_{0.40}$ | 31 | 35 | 41 | 48 | 59 | 69 | 60 | 73 | 83 | 106 | 126 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 25 | 28 | 36 | 42 | 41 | 53 | 67 | 87 | 103 |
| | CC | $P_{tC.20}$ | 33 | 34 | 35 | 37 | 38 | 40 | 88 | 128 | 172 | 195 | 208 |
| 315 | --- | $Pt_{0.40}$ | 30 | 34 | 40 | 42 | 57 | 66 | 58 | 71 | 81 | 97 | 122 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 24 | 25 | 35 | 40 | 39 | 51 | 65 | 81 | 99 |
| | CC | $P_{tC.20}$ | 32 | 33 | 34 | 32 | 37 | 38 | 85 | 123 | 168 | 181 | 201 |
| 355 | --- | $Pt_{0.40}$ | 29 | 33 | 40 | 45 | 56 | 63 | 56 | 69 | 78 | 96 | 118 |
| | FAN | $P_{tF.40}$ | 17 | 20 | 24 | 27 | 34 | 38 | 37 | 49 | 62 | 79 | 96 |
| | CC | $P_{tC.20}$ | 31 | 32 | 34 | 34 | 36 | 36 | 81 | 118 | 159 | 178 | 194 |
| 400 | --- | $Pt_{0.40}$ | 28 | 32 | 39 | 41 | 53 | 62 | 54 | 66 | 76 | 96 | 114 |
| | FAN | $P_{tF.40}$ | 17 | 19 | 23 | 24 | 33 | 37 | 36 | 47 | 60 | 79 | 93 |
| | CC | $P_{tC.20}$ | 30 | 31 | 33 | 31 | 34 | 36 | 79 | 113 | 154 | 178 | 187 |
| 450 | --- | $Pt_{0.40}$ | --- | 31 | --- | 44 | --- | 60 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 19 | --- | 26 | --- | 36 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 30 | --- | 33 | --- | 34 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1500 rpm
# @ 20°C = 68°F



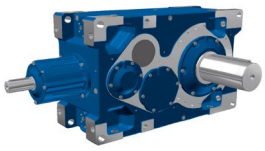
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 11 | * | * | * | * |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 98 | * | * | * | * |
| 18 | --- | $Pt_{0.20}$ | 49 | --- | 23 | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 71 | --- | 98 | --- | 128 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 105 | --- | 118 | --- | 113 | --- | 100 | * | * | * | * |
| 20 | --- | $Pt_{0.20}$ | 47 | 60 | 24 | 40 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 68 | 79 | 95 | 97 | 125 | 168 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 101 | 107 | 115 | 106 | 111 | 137 | 142 | 22 | * | * | * |
| 22,4 | --- | $Pt_{0.20}$ | 51 | 58 | 33 | 44 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 67 | 75 | 91 | 103 | 144 | 164 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 98 | 101 | 109 | 113 | 130 | 134 | 140 | 28 | * | * | * |
| 25 | --- | $Pt_{0.20}$ | 49 | 62 | 34 | 48 | * | 23 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 64 | 74 | 88 | 90 | 139 | 159 | 6 | * | * | * | * |
| | CC | $P_{tC.20}$ | 94 | 100 | 106 | 98 | 126 | 131 | 167 | 90 | 82 | * | * |
| 28 | --- | $Pt_{0.20}$ | 67 | 59 | 72 | 52 | 96 | 24 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 54 | 70 | 71 | 96 | 109 | 151 | 9 | * | * | * | * |
| | CC | $P_{tC.20}$ | 79 | 95 | 86 | 105 | 98 | 124 | 162 | 89 | 85 | * | * |
| 31,5 | --- | $Pt_{0.20}$ | 64 | 76 | 71 | 80 | 93 | 117 | 23 | * | 3 | * | * |
| | FAN | $P_{tF.20}$ | 52 | 60 | 69 | 71 | 104 | 120 | 145 | 174 | 277 | * | 117 |
| | CC | $P_{tC.20}$ | 76 | 81 | 83 | 78 | 94 | 97 | 260 | 351 | 563 | 53 | 404 |
| 35,5 | --- | $Pt_{0.20}$ | 65 | 73 | 71 | 85 | 98 | 113 | 24 | * | 8 | * | * |
| | FAN | $P_{tF.20}$ | 51 | 57 | 67 | 76 | 103 | 114 | 139 | 168 | 264 | * | 120 |
| | CC | $P_{tC.20}$ | 75 | 77 | 81 | 83 | 92 | 92 | 250 | 337 | 539 | 57 | 394 |
| 40 | --- | $Pt_{0.20}$ | 62 | 74 | 70 | 78 | 95 | 118 | 37 | 14 | 54 | 57 | * |
| | FAN | $P_{tF.20}$ | 49 | 57 | 65 | 67 | 98 | 113 | 131 | 165 | 234 | 282 | 196 |
| | CC | $P_{tC.20}$ | 72 | 77 | 79 | 74 | 88 | 91 | 236 | 328 | 491 | 521 | 445 |
| 45 | --- | $Pt_{0.20}$ | 61 | 71 | 69 | 83 | 96 | 113 | 37 | 15 | 54 | 96 | * |
| | FAN | $P_{tF.20}$ | 47 | 54 | 62 | 72 | 95 | 107 | 126 | 157 | 225 | 253 | 192 |
| | CC | $P_{tC.20}$ | 70 | 73 | 75 | 79 | 85 | 87 | 227 | 313 | 472 | 473 | 430 |
| 50 | --- | $Pt_{0.20}$ | 59 | 70 | 67 | 75 | 93 | 115 | 104 | 106 | 104 | 95 | 108 |
| | FAN | $P_{tF.20}$ | 45 | 52 | 60 | 63 | 90 | 104 | 97 | 126 | 152 | 246 | 273 |
| | CC | $P_{tC.20}$ | 67 | 71 | 73 | 69 | 81 | 84 | 180 | 259 | 336 | 460 | 460 |
| 56 | --- | $Pt_{0.20}$ | 59 | 67 | 84 | 80 | 115 | 110 | 101 | 102 | 102 | 173 | 106 |
| | FAN | $P_{tF.20}$ | 40 | 50 | 56 | 67 | 81 | 99 | 94 | 120 | 148 | 202 | 262 |
| | CC | $P_{tC.20}$ | 59 | 67 | 69 | 73 | 72 | 80 | 174 | 247 | 326 | 384 | 442 |
| 63 | --- | $Pt_{0.20}$ | 57 | 66 | 82 | 88 | 111 | 131 | 101 | 105 | 106 | 170 | 127 |
| | FAN | $P_{tF.20}$ | 38 | 44 | 55 | 57 | 77 | 89 | 91 | 117 | 141 | 197 | 248 |
| | CC | $P_{tC.20}$ | 57 | 60 | 67 | 62 | 69 | 72 | 168 | 241 | 311 | 375 | 421 |
| 71 | --- | $Pt_{0.20}$ | 56 | 64 | 79 | 93 | 109 | 126 | 98 | 101 | 104 | 170 | 124 |
| | FAN | $P_{tF.20}$ | 37 | 42 | 53 | 61 | 75 | 85 | 87 | 112 | 137 | 184 | 238 |
| | CC | $P_{tC.20}$ | 55 | 57 | 64 | 67 | 67 | 69 | 162 | 230 | 302 | 352 | 404 |
| 80 | --- | $Pt_{0.20}$ | 54 | 63 | 77 | 83 | 105 | 124 | 91 | 105 | 108 | 167 | 145 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 51 | 53 | 72 | 83 | 74 | 96 | 123 | 180 | 196 |
| | CC | $P_{tC.20}$ | 53 | 56 | 62 | 58 | 64 | 67 | 136 | 198 | 270 | 343 | 335 |
| 90 | --- | $Pt_{0.20}$ | 53 | 60 | 74 | 88 | 102 | 119 | 89 | 105 | 108 | 136 | 149 |
| | FAN | $P_{tF.20}$ | 35 | 39 | 49 | 57 | 69 | 79 | 71 | 93 | 117 | 160 | 189 |
| | CC | $P_{tC.20}$ | 52 | 54 | 59 | 62 | 62 | 64 | 130 | 191 | 257 | 303 | 323 |
| 100 | --- | $Pt_{0.20}$ | 51 | 59 | 72 | 77 | 98 | 115 | 87 | 101 | 105 | 133 | 145 |
| | FAN | $P_{tF.20}$ | 34 | 39 | 47 | 49 | 66 | 76 | 68 | 89 | 114 | 150 | 183 |
| | CC | $P_{tC.20}$ | 50 | 53 | 57 | 54 | 59 | 61 | 126 | 183 | 250 | 284 | 312 |

*** Additional Cooling Necessary - Consult Factory**



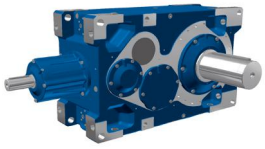
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 45 | 57 | 59 | 82 | 89 | 110 | 90 | 107 | 113 | 130 | 166 |
| | FAN | $P_{tF.20}$ | 29 | 37 | 38 | 52 | 58 | 73 | 68 | 89 | 112 | 147 | 178 |
| | CC | $P_{tC.20}$ | 42 | 50 | 46 | 57 | 52 | 59 | 126 | 184 | 246 | 279 | 306 |
| 125 | --- | $Pt_{0.20}$ | 44 | 51 | 58 | 63 | 86 | 100 | 87 | 103 | 110 | 137 | 161 |
| | FAN | $P_{tF.20}$ | 28 | 32 | 37 | 39 | 56 | 64 | 66 | 86 | 109 | 142 | 172 |
| | CC | $P_{tC.20}$ | 41 | 43 | 45 | 42 | 50 | 51 | 122 | 176 | 239 | 270 | 296 |
| 140 | --- | $Pt_{0.20}$ | 43 | 49 | 56 | 66 | 83 | 96 | 85 | 101 | 107 | 135 | 159 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 35 | 41 | 53 | 61 | 63 | 83 | 103 | 139 | 166 |
| | CC | $P_{tC.20}$ | 40 | 41 | 43 | 45 | 48 | 49 | 116 | 170 | 227 | 264 | 285 |
| 160 | --- | $Pt_{0.20}$ | 42 | 48 | 55 | 59 | 80 | 93 | 82 | 97 | 104 | 128 | 154 |
| | FAN | $P_{tF.20}$ | 26 | 30 | 34 | 36 | 51 | 59 | 61 | 79 | 101 | 130 | 160 |
| | CC | $P_{tC.20}$ | 39 | 41 | 42 | 40 | 46 | 47 | 112 | 163 | 221 | 247 | 275 |
| 180 | --- | $Pt_{0.20}$ | 41 | 46 | 55 | 62 | 78 | 90 | 81 | 98 | 106 | 126 | 158 |
| | FAN | $P_{tF.20}$ | 25 | 29 | 34 | 38 | 50 | 56 | 59 | 77 | 97 | 127 | 153 |
| | CC | $P_{tC.20}$ | 38 | 39 | 42 | 42 | 45 | 45 | 109 | 159 | 214 | 242 | 263 |
| 200 | --- | $Pt_{0.20}$ | 39 | 45 | 53 | 57 | 76 | 88 | 79 | 94 | 103 | 127 | 153 |
| | FAN | $P_{tF.20}$ | 25 | 28 | 33 | 35 | 48 | 55 | 57 | 74 | 95 | 122 | 147 |
| | CC | $P_{tC.20}$ | 36 | 38 | 41 | 38 | 43 | 44 | 106 | 153 | 208 | 233 | 254 |
| 224 | --- | $Pt_{0.20}$ | 40 | 44 | 53 | 60 | 77 | 85 | 76 | 91 | 99 | 124 | 149 |
| | FAN | $P_{tF.20}$ | 25 | 27 | 33 | 37 | 49 | 53 | 55 | 72 | 90 | 119 | 142 |
| | CC | $P_{tC.20}$ | 37 | 37 | 40 | 41 | 44 | 43 | 101 | 147 | 198 | 228 | 244 |
| 250 | --- | $Pt_{0.20}$ | 39 | 44 | 51 | 55 | 74 | 87 | 74 | 88 | 96 | 118 | 144 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 32 | 33 | 47 | 54 | 53 | 69 | 88 | 111 | 137 |
| | CC | $P_{tC.20}$ | 35 | 37 | 39 | 36 | 42 | 44 | 98 | 141 | 192 | 212 | 236 |
| 280 | --- | $Pt_{0.20}$ | 37 | 43 | 49 | 58 | 71 | 83 | 70 | 85 | 93 | 115 | 139 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 30 | 35 | 45 | 52 | 50 | 65 | 83 | 109 | 128 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 39 | 40 | 42 | 93 | 134 | 182 | 208 | 221 |
| 315 | --- | $Pt_{0.20}$ | 36 | 42 | 48 | 51 | 68 | 80 | 68 | 81 | 90 | 106 | 134 |
| | FAN | $P_{tF.20}$ | 22 | 26 | 30 | 31 | 43 | 49 | 49 | 63 | 81 | 101 | 124 |
| | CC | $P_{tC.20}$ | 33 | 35 | 36 | 34 | 39 | 40 | 90 | 129 | 177 | 193 | 214 |
| 355 | --- | $Pt_{0.20}$ | 35 | 40 | 48 | 54 | 67 | 77 | 66 | 79 | 87 | 104 | 130 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 33 | 42 | 47 | 46 | 60 | 77 | 99 | 120 |
| | CC | $P_{tC.20}$ | 32 | 33 | 36 | 36 | 38 | 38 | 85 | 124 | 168 | 190 | 206 |
| 400 | --- | $Pt_{0.20}$ | 34 | 39 | 47 | 50 | 64 | 75 | 64 | 76 | 84 | 104 | 126 |
| | FAN | $P_{tF.20}$ | 21 | 24 | 29 | 30 | 40 | 46 | 45 | 58 | 74 | 99 | 116 |
| | CC | $P_{tC.20}$ | 31 | 33 | 35 | 33 | 36 | 37 | 83 | 119 | 163 | 190 | 199 |
| 450 | --- | $Pt_{0.20}$ | --- | 38 | --- | 53 | --- | 72 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 23 | --- | 32 | --- | 44 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 31 | --- | 35 | --- | 36 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1500 rpm
# @ 40°C = 104°F



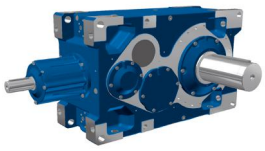
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | 49 | * | * | * | * |
| 18 | --- | $Pt_{0.40}$ | 30 | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 63 | --- | 86 | --- | 72 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 109 | --- | 122 | --- | 80 | --- | 54 | * | * | * | * |
| 20 | --- | $Pt_{0.40}$ | 30 | 41 | * | 13 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 61 | 70 | 85 | 88 | 72 | 107 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 104 | 110 | 120 | 112 | 79 | 101 | 101 | * | * | * | * |
| 22,4 | --- | $Pt_{0.40}$ | 34 | 39 | 8 | 15 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 59 | 66 | 83 | 94 | 92 | 106 | 0 | * | * | * | * |
| | CC | $P_{tC.20}$ | 101 | 104 | 116 | 119 | 99 | 99 | 101 | * | * | * | * |
| 25 | --- | $Pt_{0.40}$ | 33 | 43 | 9 | 24 | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 56 | 65 | 80 | 80 | 90 | 126 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 97 | 103 | 112 | 103 | 97 | 120 | 131 | 36 | * | * | * |
| 28 | --- | $Pt_{0.40}$ | 54 | 42 | 55 | 26 | 69 | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 47 | 62 | 61 | 86 | 96 | 122 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 81 | 97 | 88 | 110 | 101 | 116 | 128 | 38 | 2 | * | * |
| 31,5 | --- | $Pt_{0.40}$ | 52 | 62 | 54 | 62 | 68 | 88 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 45 | 52 | 60 | 62 | 91 | 105 | 116 | 110 | 188 | * | * |
| | CC | $P_{tC.20}$ | 78 | 83 | 85 | 80 | 96 | 100 | 256 | 318 | 520 | * | 330 |
| 35,5 | --- | $Pt_{0.40}$ | 52 | 59 | 55 | 66 | 73 | 85 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 44 | 49 | 58 | 66 | 90 | 100 | 114 | 107 | 184 | * | * |
| | CC | $P_{tC.20}$ | 77 | 79 | 83 | 85 | 95 | 95 | 247 | 305 | 504 | * | 323 |
| 40 | --- | $Pt_{0.40}$ | 51 | 60 | 54 | 62 | 71 | 91 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 42 | 49 | 56 | 58 | 85 | 98 | 120 | 121 | 206 | 242 | 53 |
| | CC | $P_{tC.20}$ | 74 | 78 | 80 | 75 | 90 | 94 | 248 | 312 | 504 | 528 | 379 |
| 45 | --- | $Pt_{0.40}$ | 50 | 58 | 54 | 66 | 73 | 87 | 1 | * | * | 24 | * |
| | FAN | $P_{tF.40}$ | 41 | 47 | 54 | 62 | 83 | 94 | 116 | 117 | 201 | 236 | 57 |
| | CC | $P_{tC.20}$ | 71 | 74 | 77 | 80 | 87 | 89 | 238 | 299 | 487 | 498 | 368 |
| 50 | --- | $Pt_{0.40}$ | 48 | 57 | 53 | 60 | 71 | 89 | 81 | 76 | 67 | 26 | 32 |
| | FAN | $P_{tF.40}$ | 39 | 45 | 52 | 54 | 79 | 91 | 84 | 109 | 133 | 229 | 253 |
| | CC | $P_{tC.20}$ | 68 | 72 | 75 | 70 | 83 | 86 | 183 | 264 | 342 | 485 | 486 |
| 56 | --- | $Pt_{0.40}$ | 49 | 55 | 70 | 64 | 96 | 86 | 79 | 73 | 67 | 123 | 34 |
| | FAN | $P_{tF.40}$ | 34 | 43 | 49 | 58 | 70 | 86 | 82 | 105 | 129 | 179 | 243 |
| | CC | $P_{tC.20}$ | 60 | 69 | 70 | 75 | 74 | 82 | 177 | 252 | 332 | 396 | 466 |
| 63 | --- | $Pt_{0.40}$ | 48 | 56 | 68 | 74 | 92 | 110 | 80 | 77 | 73 | 121 | 62 |
| | FAN | $P_{tF.40}$ | 33 | 38 | 47 | 49 | 67 | 77 | 79 | 102 | 123 | 175 | 225 |
| | CC | $P_{tC.20}$ | 58 | 61 | 68 | 64 | 71 | 73 | 171 | 245 | 317 | 386 | 439 |
| 71 | --- | $Pt_{0.40}$ | 47 | 53 | 66 | 79 | 91 | 105 | 77 | 74 | 72 | 125 | 62 |
| | FAN | $P_{tF.40}$ | 32 | 36 | 45 | 53 | 65 | 74 | 76 | 97 | 120 | 163 | 216 |
| | CC | $P_{tC.20}$ | 56 | 58 | 65 | 68 | 69 | 70 | 165 | 235 | 308 | 362 | 422 |
| 80 | --- | $Pt_{0.40}$ | 45 | 53 | 65 | 70 | 88 | 104 | 73 | 82 | 79 | 123 | 97 |
| | FAN | $P_{tF.40}$ | 31 | 36 | 44 | 46 | 62 | 72 | 64 | 84 | 108 | 159 | 175 |
| | CC | $P_{tC.20}$ | 54 | 57 | 63 | 59 | 66 | 68 | 138 | 202 | 276 | 353 | 347 |
| 90 | --- | $Pt_{0.40}$ | 44 | 50 | 62 | 74 | 85 | 100 | 72 | 83 | 80 | 96 | 103 |
| | FAN | $P_{tF.40}$ | 30 | 34 | 42 | 49 | 60 | 68 | 61 | 81 | 103 | 142 | 168 |
| | CC | $P_{tC.20}$ | 53 | 55 | 60 | 63 | 63 | 65 | 133 | 195 | 263 | 313 | 333 |
| 100 | --- | $Pt_{0.40}$ | 43 | 50 | 60 | 65 | 82 | 97 | 70 | 80 | 78 | 96 | 100 |
| | FAN | $P_{tF.40}$ | 29 | 34 | 41 | 42 | 57 | 66 | 59 | 78 | 100 | 133 | 162 |
| | CC | $P_{tC.20}$ | 51 | 54 | 59 | 55 | 60 | 63 | 129 | 187 | 256 | 293 | 322 |

*** Additional Cooling Necessary - Consult Factory**



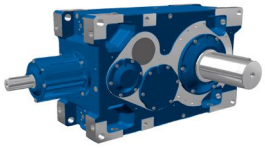
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 39 | 48 | 51 | 69 | 75 | 93 | 73 | 86 | 86 | 94 | 123 |
| | FAN | $P_{tF.40}$ | 25 | 32 | 32 | 45 | 50 | 63 | 59 | 78 | 98 | 131 | 157 |
| | CC | $P_{tC.20}$ | 43 | 51 | 47 | 59 | 53 | 60 | 128 | 187 | 251 | 287 | 315 |
| 125 | --- | $Pt_{0.40}$ | 37 | 43 | 49 | 53 | 72 | 85 | 71 | 83 | 84 | 103 | 120 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 32 | 33 | 48 | 55 | 57 | 75 | 95 | 125 | 152 |
| | CC | $P_{tC.20}$ | 42 | 44 | 45 | 43 | 51 | 53 | 124 | 180 | 244 | 277 | 304 |
| 140 | --- | $Pt_{0.40}$ | 37 | 42 | 48 | 56 | 70 | 82 | 69 | 81 | 82 | 101 | 119 |
| | FAN | $P_{tF.40}$ | 23 | 26 | 30 | 35 | 46 | 53 | 55 | 72 | 90 | 123 | 146 |
| | CC | $P_{tC.20}$ | 41 | 42 | 44 | 45 | 49 | 50 | 118 | 173 | 232 | 272 | 293 |
| 160 | --- | $Pt_{0.40}$ | 35 | 41 | 47 | 50 | 67 | 79 | 67 | 78 | 80 | 97 | 115 |
| | FAN | $P_{tF.40}$ | 22 | 26 | 30 | 31 | 44 | 51 | 53 | 69 | 88 | 115 | 141 |
| | CC | $P_{tC.20}$ | 39 | 41 | 43 | 40 | 47 | 48 | 115 | 166 | 225 | 254 | 283 |
| 180 | --- | $Pt_{0.40}$ | 35 | 39 | 46 | 53 | 67 | 76 | 67 | 79 | 82 | 95 | 121 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 30 | 33 | 43 | 49 | 51 | 67 | 85 | 112 | 134 |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 43 | 46 | 47 | 111 | 162 | 219 | 249 | 270 |
| 200 | --- | $Pt_{0.40}$ | 33 | 39 | 45 | 49 | 64 | 75 | 65 | 76 | 80 | 97 | 117 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 29 | 30 | 42 | 48 | 50 | 65 | 83 | 108 | 130 |
| | CC | $P_{tC.20}$ | 37 | 39 | 41 | 39 | 44 | 46 | 108 | 156 | 213 | 239 | 260 |
| 224 | --- | $Pt_{0.40}$ | 34 | 37 | 45 | 52 | 66 | 72 | 63 | 74 | 78 | 95 | 114 |
| | FAN | $P_{tF.40}$ | 21 | 23 | 28 | 32 | 42 | 46 | 48 | 62 | 79 | 105 | 125 |
| | CC | $P_{tC.20}$ | 37 | 37 | 40 | 41 | 45 | 44 | 103 | 150 | 202 | 234 | 251 |
| 250 | --- | $Pt_{0.40}$ | 33 | 38 | 44 | 47 | 63 | 74 | 61 | 72 | 76 | 90 | 111 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 27 | 29 | 41 | 47 | 46 | 60 | 76 | 99 | 121 |
| | CC | $P_{tC.20}$ | 36 | 38 | 39 | 37 | 43 | 45 | 100 | 144 | 196 | 218 | 242 |
| 280 | --- | $Pt_{0.40}$ | 32 | 36 | 42 | 50 | 60 | 71 | 58 | 69 | 73 | 89 | 108 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 26 | 30 | 39 | 45 | 44 | 57 | 72 | 97 | 113 |
| | CC | $P_{tC.20}$ | 35 | 36 | 38 | 39 | 41 | 43 | 94 | 137 | 186 | 214 | 227 |
| 315 | --- | $Pt_{0.40}$ | 31 | 36 | 41 | 44 | 58 | 68 | 56 | 66 | 71 | 82 | 104 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 37 | 43 | 42 | 55 | 70 | 89 | 109 |
| | CC | $P_{tC.20}$ | 34 | 35 | 37 | 35 | 39 | 41 | 91 | 132 | 181 | 199 | 219 |
| 355 | --- | $Pt_{0.40}$ | 30 | 34 | 41 | 46 | 57 | 65 | 54 | 65 | 68 | 80 | 102 |
| | FAN | $P_{tF.40}$ | 19 | 21 | 26 | 28 | 36 | 41 | 40 | 53 | 67 | 87 | 105 |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 37 | 38 | 39 | 87 | 127 | 172 | 195 | 212 |
| 400 | --- | $Pt_{0.40}$ | 29 | 33 | 40 | 43 | 55 | 64 | 53 | 62 | 67 | 80 | 98 |
| | FAN | $P_{tF.40}$ | 18 | 21 | 25 | 26 | 35 | 40 | 39 | 51 | 65 | 87 | 101 |
| | CC | $P_{tC.20}$ | 32 | 33 | 36 | 34 | 37 | 38 | 84 | 122 | 167 | 195 | 204 |
| 450 | --- | $Pt_{0.40}$ | --- | 32 | --- | 45 | --- | 62 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 20 | --- | 28 | --- | 38 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 32 | --- | 36 | --- | 37 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1800 rpm
# @ 20°C = 68°F



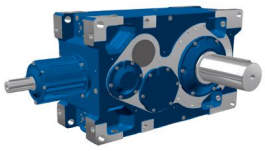
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 14 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| 16 | --- | $Pt_{0.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| 18 | --- | $Pt_{0.20}$ | 17 | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 81 | --- | 76 | --- | 19 | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 117 | --- | 99 | --- | * | --- | * | * | * | * | * |
| 20 | --- | $Pt_{0.20}$ | 18 | 30 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 78 | 88 | 76 | 98 | 23 | 68 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 112 | 118 | 98 | 108 | 2 | 27 | * | * | * | * | * |
| 22,4 | --- | $Pt_{0.20}$ | 24 | 30 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 75 | 83 | 86 | 105 | 59 | 70 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 109 | 112 | 107 | 116 | 41 | 32 | * | * | * | * | * |
| 25 | --- | $Pt_{0.20}$ | 24 | 36 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 72 | 82 | 85 | 105 | 60 | 102 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 104 | 109 | 105 | 114 | 42 | 68 | * | * | * | * | * |
| 28 | --- | $Pt_{0.20}$ | 60 | 36 | 56 | * | 64 | * | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 57 | 77 | 76 | 112 | 119 | 101 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 84 | 104 | 92 | 122 | 107 | 68 | * | * | * | * | * |
| 31,5 | --- | $Pt_{0.20}$ | 58 | 69 | 56 | 66 | 63 | 86 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 55 | 63 | 74 | 76 | 114 | 129 | 99 | 76 | 142 | * | * |
| | CC | $P_{tC.20}$ | 81 | 86 | 89 | 84 | 102 | 105 | 226 | 273 | 467 | * | 64 |
| 35,5 | --- | $Pt_{0.20}$ | 59 | 67 | 58 | 71 | 72 | 84 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 54 | 60 | 71 | 81 | 111 | 124 | 97 | 76 | 143 | * | * |
| | CC | $P_{tC.20}$ | 80 | 82 | 86 | 89 | 100 | 100 | 219 | 263 | 454 | * | 76 |
| 40 | --- | $Pt_{0.20}$ | 57 | 68 | 57 | 67 | 70 | 93 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 52 | 60 | 69 | 72 | 106 | 121 | 111 | 100 | 185 | 213 | * |
| | CC | $P_{tC.20}$ | 77 | 81 | 84 | 79 | 95 | 98 | 226 | 279 | 472 | 482 | 201 |
| 45 | --- | $Pt_{0.20}$ | 56 | 65 | 58 | 71 | 75 | 90 | * | * | * | * | * |
| | FAN | $P_{tF.20}$ | 50 | 57 | 66 | 76 | 102 | 116 | 108 | 98 | 182 | 251 | * |
| | CC | $P_{tC.20}$ | 74 | 77 | 80 | 84 | 92 | 94 | 219 | 268 | 457 | 495 | 199 |
| 50 | --- | $Pt_{0.20}$ | 54 | 65 | 56 | 66 | 72 | 95 | 85 | 70 | 49 | * | * |
| | FAN | $P_{tF.20}$ | 48 | 56 | 64 | 67 | 98 | 112 | 104 | 135 | 166 | 247 | 278 |
| | CC | $P_{tC.20}$ | 71 | 75 | 78 | 73 | 87 | 90 | 191 | 276 | 360 | 485 | 486 |
| 56 | --- | $Pt_{0.20}$ | 58 | 62 | 82 | 70 | 111 | 91 | 83 | 68 | 50 | 110 | * |
| | FAN | $P_{tF.20}$ | 42 | 53 | 60 | 71 | 85 | 107 | 100 | 130 | 161 | 225 | 271 |
| | CC | $P_{tC.20}$ | 62 | 72 | 73 | 78 | 77 | 86 | 184 | 265 | 350 | 422 | 471 |
| 63 | --- | $Pt_{0.20}$ | 56 | 66 | 80 | 87 | 107 | 128 | 86 | 75 | 61 | 109 | * |
| | FAN | $P_{tF.20}$ | 41 | 47 | 58 | 60 | 82 | 94 | 96 | 125 | 153 | 219 | 293 |
| | CC | $P_{tC.20}$ | 60 | 63 | 71 | 66 | 73 | 76 | 178 | 257 | 333 | 412 | 483 |
| 71 | --- | $Pt_{0.20}$ | 55 | 63 | 78 | 93 | 106 | 123 | 83 | 72 | 60 | 119 | * |
| | FAN | $P_{tF.20}$ | 39 | 45 | 56 | 64 | 80 | 90 | 93 | 120 | 148 | 203 | 284 |
| | CC | $P_{tC.20}$ | 58 | 60 | 68 | 71 | 71 | 73 | 172 | 246 | 324 | 384 | 466 |
| 80 | --- | $Pt_{0.20}$ | 53 | 62 | 76 | 83 | 102 | 122 | 81 | 88 | 74 | 118 | 70 |
| | FAN | $P_{tF.20}$ | 38 | 44 | 54 | 56 | 76 | 88 | 78 | 103 | 133 | 199 | 223 |
| | CC | $P_{tC.20}$ | 56 | 59 | 66 | 62 | 68 | 71 | 144 | 211 | 290 | 375 | 374 |
| 90 | --- | $Pt_{0.20}$ | 52 | 60 | 73 | 88 | 100 | 117 | 80 | 89 | 77 | 85 | 83 |
| | FAN | $P_{tF.20}$ | 37 | 42 | 51 | 60 | 73 | 84 | 75 | 100 | 127 | 179 | 212 |
| | CC | $P_{tC.20}$ | 55 | 56 | 62 | 66 | 65 | 68 | 138 | 204 | 276 | 335 | 358 |
| 100 | --- | $Pt_{0.20}$ | 50 | 59 | 71 | 77 | 96 | 114 | 78 | 86 | 75 | 87 | 81 |
| | FAN | $P_{tF.20}$ | 36 | 41 | 50 | 52 | 70 | 81 | 73 | 96 | 124 | 167 | 205 |
| | CC | $P_{tC.20}$ | 53 | 56 | 61 | 57 | 63 | 65 | 134 | 196 | 269 | 314 | 346 |

*** Additional Cooling Necessary - Consult Factory**



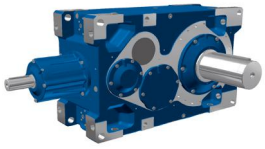
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.20}$ | 46 | 56 | 60 | 82 | 89 | 110 | 83 | 95 | 89 | 86 | 118 |
| | FAN | $P_{tF.20}$ | 30 | 39 | 40 | 55 | 61 | 77 | 72 | 95 | 120 | 164 | 196 |
| | CC | $P_{tC.20}$ | 45 | 53 | 48 | 61 | 55 | 62 | 133 | 195 | 263 | 307 | 334 |
| 125 | --- | $Pt_{0.20}$ | 45 | 52 | 59 | 64 | 86 | 101 | 81 | 92 | 87 | 101 | 115 |
| | FAN | $P_{tF.20}$ | 29 | 33 | 39 | 41 | 59 | 67 | 70 | 92 | 117 | 156 | 190 |
| | CC | $P_{tC.20}$ | 43 | 45 | 47 | 45 | 53 | 54 | 129 | 188 | 256 | 295 | 323 |
| 140 | --- | $Pt_{0.20}$ | 44 | 50 | 57 | 67 | 83 | 97 | 79 | 90 | 85 | 99 | 116 |
| | FAN | $P_{tF.20}$ | 28 | 32 | 37 | 43 | 57 | 65 | 67 | 88 | 111 | 153 | 182 |
| | CC | $P_{tC.20}$ | 42 | 43 | 45 | 47 | 51 | 52 | 123 | 181 | 243 | 289 | 311 |
| 160 | --- | $Pt_{0.20}$ | 42 | 49 | 56 | 60 | 80 | 94 | 77 | 87 | 83 | 96 | 112 |
| | FAN | $P_{tF.20}$ | 28 | 31 | 36 | 38 | 54 | 62 | 65 | 85 | 108 | 143 | 176 |
| | CC | $P_{tC.20}$ | 41 | 43 | 44 | 42 | 49 | 50 | 119 | 174 | 236 | 270 | 300 |
| 180 | --- | $Pt_{0.20}$ | 41 | 47 | 55 | 63 | 79 | 90 | 77 | 89 | 87 | 94 | 124 |
| | FAN | $P_{tF.20}$ | 27 | 30 | 36 | 40 | 53 | 60 | 63 | 82 | 105 | 140 | 167 |
| | CC | $P_{tC.20}$ | 40 | 41 | 44 | 44 | 48 | 48 | 116 | 169 | 229 | 264 | 285 |
| 200 | --- | $Pt_{0.20}$ | 40 | 46 | 54 | 58 | 76 | 89 | 75 | 86 | 85 | 100 | 120 |
| | FAN | $P_{tF.20}$ | 26 | 30 | 35 | 37 | 51 | 58 | 61 | 79 | 102 | 134 | 161 |
| | CC | $P_{tC.20}$ | 38 | 40 | 43 | 41 | 46 | 47 | 112 | 163 | 223 | 253 | 275 |
| 224 | --- | $Pt_{0.20}$ | 41 | 44 | 54 | 62 | 78 | 86 | 72 | 84 | 83 | 98 | 118 |
| | FAN | $P_{tF.20}$ | 26 | 28 | 34 | 39 | 52 | 56 | 58 | 76 | 97 | 131 | 155 |
| | CC | $P_{tC.20}$ | 39 | 39 | 42 | 43 | 47 | 45 | 107 | 156 | 211 | 248 | 265 |
| 250 | --- | $Pt_{0.20}$ | 39 | 45 | 52 | 56 | 75 | 88 | 70 | 80 | 81 | 93 | 114 |
| | FAN | $P_{tF.20}$ | 25 | 29 | 34 | 35 | 50 | 57 | 56 | 73 | 94 | 123 | 150 |
| | CC | $P_{tC.20}$ | 37 | 39 | 41 | 38 | 45 | 46 | 104 | 150 | 205 | 231 | 256 |
| 280 | --- | $Pt_{0.20}$ | 38 | 44 | 50 | 60 | 72 | 85 | 67 | 78 | 79 | 91 | 114 |
| | FAN | $P_{tF.20}$ | 24 | 28 | 32 | 37 | 48 | 55 | 53 | 70 | 89 | 120 | 139 |
| | CC | $P_{tC.20}$ | 36 | 37 | 39 | 41 | 43 | 44 | 98 | 143 | 194 | 227 | 239 |
| 315 | --- | $Pt_{0.20}$ | 37 | 43 | 49 | 53 | 69 | 81 | 65 | 75 | 77 | 84 | 110 |
| | FAN | $P_{tF.20}$ | 24 | 27 | 31 | 33 | 46 | 52 | 52 | 67 | 86 | 111 | 135 |
| | CC | $P_{tC.20}$ | 35 | 37 | 38 | 36 | 41 | 42 | 95 | 137 | 189 | 210 | 231 |
| 355 | --- | $Pt_{0.20}$ | 36 | 41 | 49 | 56 | 68 | 78 | 63 | 73 | 74 | 83 | 107 |
| | FAN | $P_{tF.20}$ | 23 | 26 | 31 | 35 | 44 | 50 | 49 | 64 | 82 | 109 | 130 |
| | CC | $P_{tC.20}$ | 34 | 35 | 38 | 38 | 40 | 40 | 91 | 132 | 180 | 206 | 223 |
| 400 | --- | $Pt_{0.20}$ | 35 | 40 | 48 | 51 | 65 | 76 | 61 | 70 | 72 | 83 | 104 |
| | FAN | $P_{tF.20}$ | 22 | 25 | 30 | 32 | 43 | 49 | 48 | 62 | 80 | 109 | 126 |
| | CC | $P_{tC.20}$ | 33 | 34 | 37 | 35 | 38 | 39 | 88 | 127 | 175 | 206 | 215 |
| 450 | --- | $Pt_{0.20}$ | --- | 39 | --- | 54 | --- | 73 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.20}$ | --- | 24 | --- | 34 | --- | 47 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 33 | --- | 37 | --- | 38 | --- | --- | --- | --- | --- |

# Thermal Rating
# M5 Mounting - 1800 rpm
# @ 40°C = 104°F



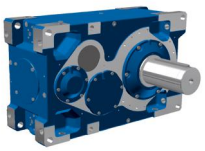
| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 12,5 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | --- | * |
| 14 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| 16 | --- | $Pt_{0.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | --- | --- | --- | --- | --- | --- | * | * | * | * | * |
| 18 | --- | $Pt_{0.40}$ | * | --- | * | --- | * | --- | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 69 | --- | 35 | --- | * | --- | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 119 | --- | 76 | --- | * | --- | * | * | * | * | * |
| 20 | --- | $Pt_{0.40}$ | * | 5 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 67 | 81 | 36 | 58 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 115 | 125 | 76 | 85 | * | * | * | * | * | * | * |
| 22,4 | --- | $Pt_{0.40}$ | 3 | 6 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 69 | 77 | 49 | 62 | * | * | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 115 | 118 | 86 | 91 | * | * | * | * | * | * | * |
| 25 | --- | $Pt_{0.40}$ | 4 | 14 | * | * | * | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 66 | 74 | 49 | 68 | * | 34 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 110 | 115 | 85 | 93 | 3 | 26 | * | * | * | * | * |
| 28 | --- | $Pt_{0.40}$ | 45 | 14 | 38 | * | 34 | * | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 50 | 70 | 66 | 73 | 106 | 36 | * | * | * | * | * |
| | CC | $P_{tC.20}$ | 86 | 109 | 94 | 100 | 112 | 28 | * | * | * | * | * |
| 31,5 | --- | $Pt_{0.40}$ | 44 | 54 | 37 | 47 | 34 | 54 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 48 | 55 | 64 | 67 | 101 | 114 | 38 | * | 21 | * | * |
| | CC | $P_{tC.20}$ | 83 | 88 | 92 | 86 | 107 | 109 | 195 | 237 | 417 | * | * |
| 35,5 | --- | $Pt_{0.40}$ | 45 | 52 | 40 | 50 | 44 | 53 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 47 | 52 | 62 | 71 | 98 | 109 | 39 | * | 28 | * | * |
| | CC | $P_{tC.20}$ | 82 | 84 | 89 | 91 | 103 | 104 | 190 | 229 | 406 | * | * |
| 40 | --- | $Pt_{0.40}$ | 44 | 54 | 40 | 49 | 44 | 63 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 45 | 52 | 60 | 63 | 94 | 107 | 57 | 32 | 89 | 96 | * |
| | CC | $P_{tC.20}$ | 79 | 83 | 86 | 81 | 99 | 102 | 198 | 246 | 427 | 427 | 118 |
| 45 | --- | $Pt_{0.40}$ | 44 | 51 | 41 | 52 | 50 | 62 | * | * | * | * | * |
| | FAN | $P_{tF.40}$ | 44 | 50 | 58 | 67 | 90 | 102 | 56 | 33 | 89 | 149 | * |
| | CC | $P_{tC.20}$ | 76 | 79 | 82 | 86 | 95 | 97 | 192 | 237 | 414 | 445 | 120 |
| 50 | --- | $Pt_{0.40}$ | 42 | 52 | 41 | 49 | 48 | 67 | 60 | 36 | 5 | * | * |
| | FAN | $P_{tF.40}$ | 42 | 48 | 56 | 58 | 86 | 98 | 90 | 120 | 150 | 148 | 168 |
| | CC | $P_{tC.20}$ | 73 | 77 | 80 | 75 | 91 | 93 | 195 | 284 | 373 | 436 | 431 |
| 56 | --- | $Pt_{0.40}$ | 48 | 49 | 68 | 52 | 91 | 65 | 59 | 36 | 7 | 50 | * |
| | FAN | $P_{tF.40}$ | 36 | 46 | 52 | 62 | 74 | 93 | 87 | 115 | 146 | 205 | 166 |
| | CC | $P_{tC.20}$ | 63 | 73 | 74 | 80 | 78 | 89 | 188 | 272 | 362 | 441 | 418 |
| 63 | --- | $Pt_{0.40}$ | 46 | 54 | 66 | 73 | 88 | 105 | 62 | 44 | 22 | 51 | * |
| | FAN | $P_{tF.40}$ | 35 | 40 | 50 | 52 | 71 | 82 | 84 | 110 | 136 | 200 | 194 |
| | CC | $P_{tC.20}$ | 61 | 64 | 72 | 68 | 75 | 78 | 181 | 263 | 343 | 430 | 432 |
| 71 | --- | $Pt_{0.40}$ | 45 | 52 | 65 | 77 | 87 | 101 | 61 | 43 | 23 | 67 | * |
| | FAN | $P_{tF.40}$ | 34 | 39 | 48 | 56 | 69 | 78 | 81 | 106 | 133 | 183 | 189 |
| | CC | $P_{tC.20}$ | 59 | 62 | 69 | 72 | 73 | 74 | 175 | 252 | 333 | 399 | 418 |
| 80 | --- | $Pt_{0.40}$ | 44 | 52 | 63 | 69 | 84 | 101 | 62 | 63 | 41 | 67 | 3 |
| | FAN | $P_{tF.40}$ | 33 | 38 | 47 | 49 | 66 | 76 | 68 | 90 | 118 | 179 | 212 |
| | CC | $P_{tC.20}$ | 57 | 60 | 67 | 63 | 70 | 72 | 147 | 216 | 298 | 389 | 400 |
| 90 | --- | $Pt_{0.40}$ | 43 | 49 | 61 | 73 | 82 | 97 | 62 | 65 | 45 | 36 | 23 |
| | FAN | $P_{tF.40}$ | 32 | 36 | 44 | 52 | 63 | 73 | 66 | 87 | 113 | 164 | 198 |
| | CC | $P_{tC.20}$ | 56 | 58 | 64 | 67 | 67 | 69 | 141 | 208 | 284 | 351 | 379 |
| 100 | --- | $Pt_{0.40}$ | 42 | 49 | 59 | 64 | 79 | 95 | 61 | 63 | 45 | 43 | 23 |
| | FAN | $P_{tF.40}$ | 31 | 35 | 43 | 45 | 61 | 70 | 64 | 84 | 110 | 153 | 191 |
| | CC | $P_{tC.20}$ | 54 | 57 | 62 | 58 | 64 | 66 | 137 | 200 | 277 | 328 | 366 |

*** Additional Cooling Necessary - Consult Factory**



| Nom. Ratio | Cooling Type | | SK 5407/ SK 5507 | SK 6407/ SK 6507 | SK 7407/ SK 7507 | SK 8407/ SK 8507 | SK 9407/ SK 9507 | SK 10407/ SK 10507 | SK 11407/ SK 11507 | SK 12407/ SK 12507 | SK 13407/ SK 13507 | SK 14407/ SK 14507 | SK 15407/ SK 15507 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Thermal Power | | | | | | | | | | |
| $i_N$ | | | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] | $P_N$ [kW] |
| 112 | --- | $Pt_{0.40}$ | 39 | 47 | 51 | 69 | 74 | 91 | 66 | 72 | 59 | 42 | 68 |
| | FAN | $P_{tF.40}$ | 26 | 34 | 34 | 48 | 53 | 67 | 63 | 83 | 106 | 150 | 177 |
| | CC | $P_{tC.20}$ | 45 | 54 | 49 | 62 | 56 | 64 | 136 | 200 | 269 | 321 | 347 |
| 125 | --- | $Pt_{0.40}$ | 38 | 44 | 50 | 54 | 72 | 85 | 64 | 70 | 58 | 61 | 66 |
| | FAN | $P_{tF.40}$ | 25 | 29 | 33 | 35 | 51 | 58 | 61 | 80 | 103 | 141 | 171 |
| | CC | $P_{tC.20}$ | 44 | 46 | 48 | 46 | 54 | 56 | 132 | 192 | 262 | 306 | 335 |
| 140 | --- | $Pt_{0.40}$ | 37 | 42 | 48 | 57 | 69 | 82 | 63 | 69 | 58 | 60 | 70 |
| | FAN | $P_{tF.40}$ | 24 | 28 | 32 | 37 | 49 | 56 | 58 | 77 | 98 | 138 | 164 |
| | CC | $P_{tC.20}$ | 43 | 44 | 46 | 48 | 52 | 53 | 126 | 185 | 249 | 299 | 322 |
| 160 | --- | $Pt_{0.40}$ | 36 | 41 | 47 | 51 | 67 | 79 | 61 | 67 | 57 | 59 | 68 |
| | FAN | $P_{tF.40}$ | 24 | 27 | 31 | 33 | 47 | 54 | 57 | 74 | 96 | 129 | 158 |
| | CC | $P_{tC.20}$ | 41 | 43 | 45 | 43 | 50 | 51 | 122 | 177 | 242 | 280 | 311 |
| 180 | --- | $Pt_{0.40}$ | 35 | 40 | 47 | 54 | 66 | 76 | 62 | 69 | 62 | 58 | 83 |
| | FAN | $P_{tF.40}$ | 23 | 26 | 31 | 35 | 46 | 52 | 55 | 72 | 92 | 126 | 148 |
| | CC | $P_{tC.20}$ | 40 | 42 | 45 | 45 | 49 | 49 | 118 | 173 | 234 | 274 | 294 |
| 200 | --- | $Pt_{0.40}$ | 34 | 39 | 46 | 50 | 64 | 75 | 60 | 67 | 61 | 66 | 80 |
| | FAN | $P_{tF.40}$ | 22 | 26 | 30 | 32 | 44 | 51 | 53 | 69 | 89 | 120 | 143 |
| | CC | $P_{tC.20}$ | 39 | 41 | 44 | 41 | 47 | 48 | 114 | 166 | 228 | 262 | 284 |
| 224 | --- | $Pt_{0.40}$ | 34 | 38 | 46 | 52 | 66 | 72 | 58 | 65 | 59 | 65 | 80 |
| | FAN | $P_{tF.40}$ | 22 | 24 | 30 | 34 | 45 | 49 | 51 | 67 | 85 | 117 | 138 |
| | CC | $P_{tC.20}$ | 39 | 39 | 43 | 44 | 48 | 46 | 109 | 160 | 216 | 256 | 274 |
| 250 | --- | $Pt_{0.40}$ | 33 | 39 | 44 | 48 | 63 | 74 | 56 | 63 | 58 | 62 | 77 |
| | FAN | $P_{tF.40}$ | 22 | 25 | 29 | 30 | 43 | 49 | 49 | 64 | 83 | 110 | 133 |
| | CC | $P_{tC.20}$ | 38 | 40 | 42 | 39 | 46 | 47 | 106 | 154 | 210 | 240 | 264 |
| 280 | --- | $Pt_{0.40}$ | 32 | 37 | 43 | 51 | 61 | 71 | 54 | 61 | 57 | 61 | 79 |
| | FAN | $P_{tF.40}$ | 21 | 24 | 28 | 32 | 41 | 47 | 46 | 61 | 78 | 108 | 123 |
| | CC | $P_{tC.20}$ | 37 | 38 | 40 | 42 | 44 | 45 | 100 | 146 | 199 | 235 | 246 |
| 315 | --- | $Pt_{0.40}$ | 31 | 36 | 42 | 45 | 58 | 69 | 53 | 59 | 56 | 57 | 77 |
| | FAN | $P_{tF.40}$ | 20 | 23 | 27 | 28 | 39 | 45 | 45 | 58 | 76 | 99 | 119 |
| | CC | $P_{tC.20}$ | 36 | 37 | 39 | 37 | 42 | 43 | 97 | 140 | 193 | 217 | 238 |
| 355 | --- | $Pt_{0.40}$ | 30 | 35 | 42 | 47 | 57 | 66 | 51 | 58 | 54 | 56 | 75 |
| | FAN | $P_{tF.40}$ | 20 | 22 | 27 | 30 | 39 | 43 | 43 | 56 | 72 | 97 | 115 |
| | CC | $P_{tC.20}$ | 34 | 36 | 39 | 39 | 41 | 41 | 93 | 135 | 184 | 212 | 230 |
| 400 | --- | $Pt_{0.40}$ | 29 | 34 | 40 | 43 | 55 | 65 | 49 | 56 | 53 | 56 | 73 |
| | FAN | $P_{tF.40}$ | 19 | 22 | 26 | 27 | 37 | 42 | 42 | 54 | 70 | 97 | 111 |
| | CC | $P_{tC.20}$ | 33 | 35 | 38 | 35 | 39 | 40 | 90 | 130 | 179 | 212 | 222 |
| 450 | --- | $Pt_{0.40}$ | --- | 33 | --- | 46 | --- | 62 | --- | --- | --- | --- | --- |
| | FAN | $P_{tF.40}$ | --- | 21 | --- | 29 | --- | 41 | --- | --- | --- | --- | --- |
| | CC | $P_{tC.20}$ | --- | 33 | --- | 38 | --- | 39 | --- | --- | --- | --- | --- |

# Notes



DRIVESYSTEMS

# Right-Angle Dimensions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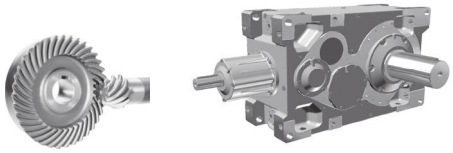
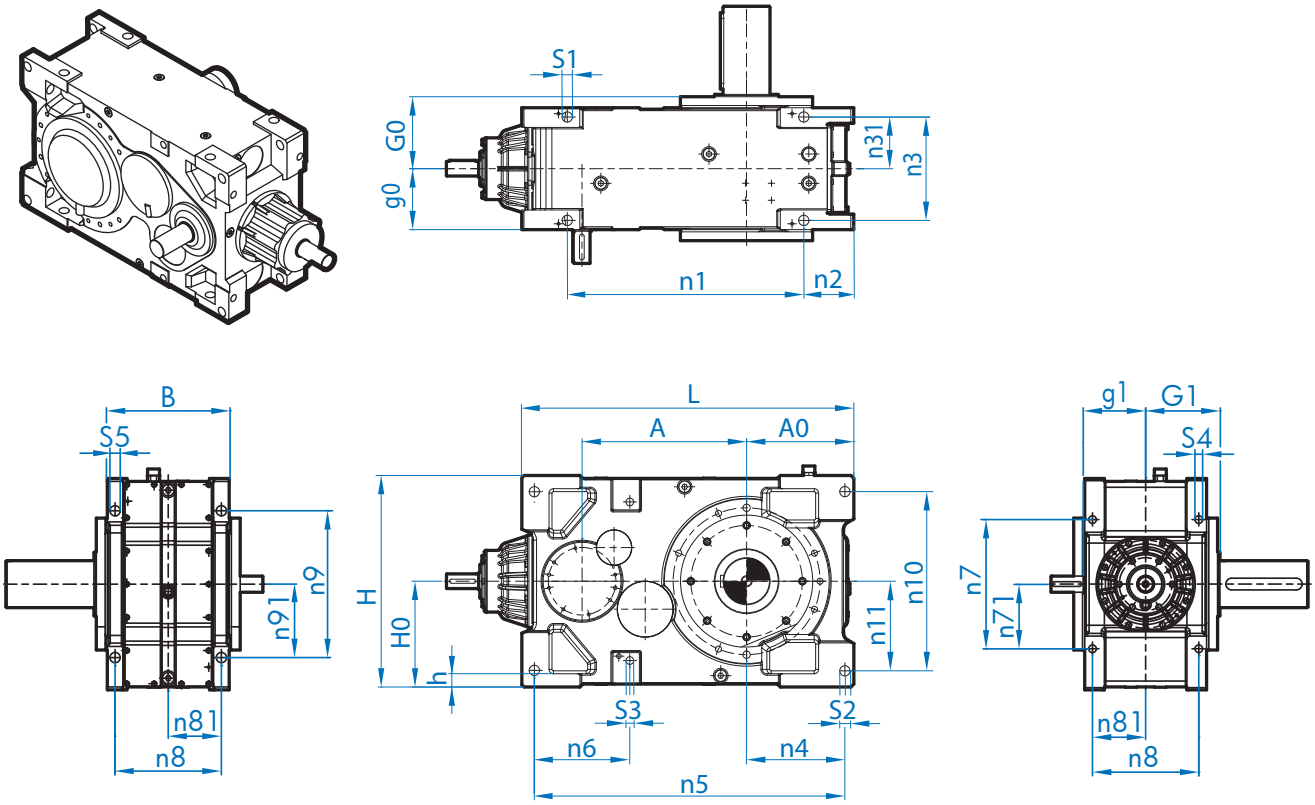
# Overview Dimension

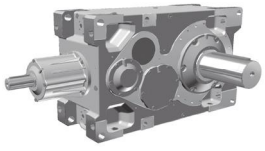


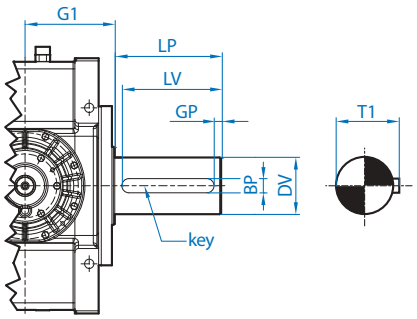



| | OVERALL DIMENSIONS | | | | | | | | | | | MOUNTING HOLE DIM. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | A0 | B | g0 | G0 | g1 | G1 | h | H | H0 | L | S1/S2 | S4/S5 | S3 | ⇨🕮 |
| **SK 5.07** | 377 | 230 | 345 | 172,5 | 172,5 | 182,5 | 192,5 | 30 | 455 | 227,5 | 730 | ø 28 | M24 x 40 | M24 x 36 | 220 |
| **SK 6.07** | 402 | 255 | 345 | 172,5 | 172,5 | 182,5 | 192,5 | 30 | 495 | 247,5 | 780 | ø 28 | M24 x 40 | M24 x 36 | 222 |
| **SK 7.07** | 440 | 295 | 350 | 175 | 189 | 179 | 197 (215)* | 35 | 530 | 265 | 870 | ø 28 | M24 x 30 | M24 | 226 |
| **SK 8.07** | 465 | 325 | 350 | 175 | 189 | 179 | 197 (215)* | 35 | 590 | 295 | 925 | ø 28 | M24 x 30 | M24 | 228 |
| **SK 9.07** | 530 | 330 | 415 | 207,5 | 248 | 212,5 | 253 | 45 | 650 | 325 | 1055 | ø 35 | M30 x 45 | M30 | 230 |
| **SK 10.07** | 560 | 365 | 415 | 207,5 | 248 | 212,5 | 253 | 45 | 720 | 360 | 1130 | ø 35 | M30 x 45 | M30 | 232 |
| **SK 11.07** | 630 | 370 | 440 | 254 | 270 | 260 | 280 | 52 | 750 | 375 | 1210 | ø 42 | M36 x 58 | M36 | 234 |
| **SK 12.07** | 695 | 405 | 510 | 288,5 | 305 | 294 | 315 | 57 | 850 | 425 | 1345 | ø 48 | M42 x 65 | M42 | 236 |
| **SK 13.07** | 780 | 475 | 550 | 323 | 343 | 328 | 353 | 60 | 950 | 475 | 1530 | ø 55 | M48 x 75 | M48 | 238 |
| **SK 14.07** | 835 | 505 | 610 | 325 | 373 | 355 | 383 | 55 | 1050 | 525 | 1615 | ø 55 | M48 x 75 | M48 | 240 |
| **SK 15.07** | 935 | 545 | 650 | 361 | 385 | 371 | 395 | 70 | 1100 | 550 | 1800 | ø 65 | M56 x 90 | M56 | 242 |

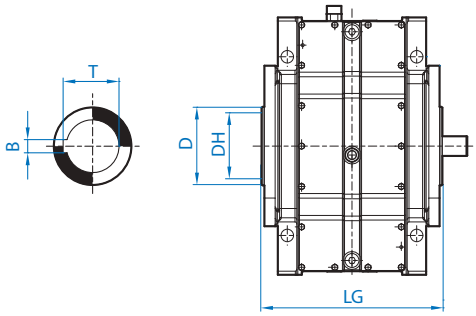
| | CENTER DISTANCE DIMENSIONS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | n1 | n2 | n3 | n31 | n4 | n5 | n6 | n7 | n71 | n8 | n81 | n9 | n91 | n10 | n11 | ⇨🕮 |
| **SK 5.07** | 490 | 125 | 295 | 147,5 | 205 | 680 | 196 | 320 | 160 | 295 | 147,5 | 320 | 160 | 400 | 200 | 220 |
| **SK 6.07** | 530 | 130 | 295 | 147,5 | 230 | 730 | 196 | 320 | 160 | 295 | 147,5 | 320 | 160 | 400 | 200 | 222 |
| **SK 7.07** | 590 | 160 | 305 | 152,5 | 270 | 820 | 220 | 380 | 190 | 300 | 150 | 380 | 190 | 460 | 230 | 226 |
| **SK 8.07** | 645 | 160 | 305 | 152,5 | 300 | 875 | 220 | 440 | 220 | 300 | 150 | 380 | 190 | 540 | 270 | 228 |
| **SK 9.07** | 730 | 175 | 352 | 176 | 302,5 | 995 | 325 | 440 | 220 | 362 | 181 | 440 | 220 | 540 | 270 | 230 |
| **SK 10.07** | 805 | 170 | 352 | 176 | 335 | 1057 | 325 | 500 | 250 | 362 | 181 | 440 | 220 | 640 | 320 | 232 |
| **SK 11.07** | 850 | 217,5 | 370 | 185 | 330 | 1130 | 340 | 520 | 260 | 385 | 192,5 | 520 | 260 | 670 | 335 | 234 |
| **SK 12.07** | 930 | 257,5 | 430 | 215 | 365 | 1265 | 410 | 600 | 300 | 440 | 220 | 600 | 300 | 770 | 385 | 236 |
| **SK 13.07** | 1050 | 290 | 465 | 232,5 | 425 | 1430 | 450 | 700 | 350 | 475 | 237,5 | 700 | 350 | 850 | 425 | 238 |
| **SK 14.07** | 1100 | 295 | 525 | 262,5 | 455 | 1515 | 150 | 780 | 390 | 535 | 267,5 | 700 | 350 | 950 | 475 | 240 |
| **SK 15.07** | 1230 | 345 | 550 | 275 | 490 | 1690 | 530 | 800 | 400 | 560 | 280 | 800 | 400 | 990 | 495 | 242 |

* values in brakets at option „DRY“

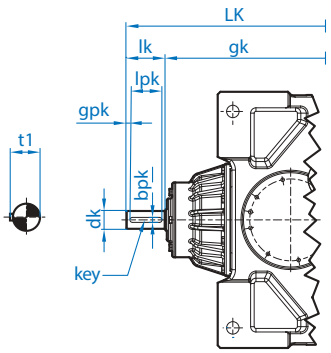





**Solid Output Shaft**




**Hollow Shaft**

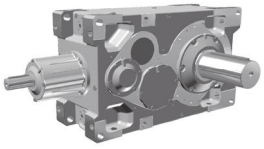



**Solid Input Shaft**

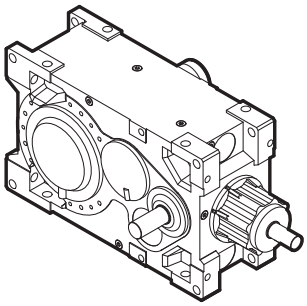
| | SOLID OUTPUT SHAFT | | | | | | | HOLLOW SHAFT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DV | LP | LV | BP | GP | T1 | Key | ø D | ø DH H7 | LG | B | T | ⇨🕮 |
| **SK 5.07** | 120 | 210 | 180 | 32 | 15 | 127 | 32 x 18 x180 | 140 | 105 | 385 | 28 | 111,4 | 220 |
| **SK 6.07** | 120 | 210 | 180 | 32 | 15 | 127 | 32 x 18 x 180 | 140 | 105 | 385 | 28 | 111,4 | 222 |
| **SK 7.07** | 140 | 250 | 200 | 36 | 25 | 148 | 36 x 20 x 200 | 160 | 125 | 394 | 32 | 132,4 | 226 |
| **SK 8.07** | 140 | 250 | 200 | 36 | 25 | 148 | 36 x 20 x 200 | 160 | 125 | 394 | 32 | 132,4 | 228 |
| **SK 9.07** | 160 | 300 | 260 | 40 | 20 | 169 | 40 x 20 x 260 | 220 | 160 (145)* | 506 | 40 | 169,4 | 230 |
| **SK 10.07** | 160 | 300 | 260 | 40 | 20 | 169 | 40 x 20 x 260 | 220 | 160 (145)* | 506 | 40 | 169,4 | 232 |
| **SK 11.07** | 170 | 300 | 260 | 40 | 20 | 179 | 40 x 22 x 260 | 240 | 170 | 560 | 40 | 179,4 | 234 |
| **SK 12.07** | 200 | 350 | 300 | 45 | 25 | 210 | 45 x 25 x 300 | 250 | 190 | 630 | 45 | 200,4 | 236 |
| **SK 13.07** | 230 | 410 | 350 | 50 | 31 | 241 | 50 x 28 x 350 | 285 | 230 | 706 | 50 | 241,4 | 238 |
| **SK 14.07** | 250 | 410 | 360 | 56 | 25 | 262 | 56 x 32 x 360 | 285 | 230 | 766 | 50 | 241,4 | 240 |
| **SK 15.07** | 250 | 410 | 360 | 56 | 25 | 262 | 56 x 32 x 360 | 320 | 250 | 790 | 56 | 262,4 | 242 |

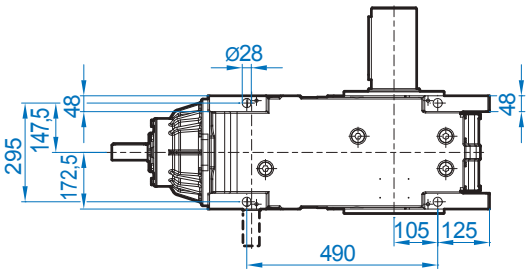
| | SK..407 SOLID INPUT SHAFT | | | | | | | | | | SK..507 SOLID INPUT SHAFT | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $i_N$ | LK | gk | dk | lk | lpk | bpk | t1 | gpk | Key | $i_N$ | LK | gk | dk | lk | lpk | bpk | t1 | gpk | Key | ⇨🕮 |
| **SK 5.07** | 18 -100 | 976 | 896 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | **112 - 400** | 908 | 848 | ø 28 | 60 | 50 | 8 | 31,0 | 5,0 | 8 x 7 x 50 | 220 |
| **SK 6.07** | 20 -112 | 1026 | 946 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | **125 - 450** | 958 | 898 | ø 28 | 60 | 50 | 8 | 31,0 | 5,0 | 8 x 7 x 50 | 222 |
| **SK 7.07** | 18 - 50 | 1167 | 1057 | ø 48 | 110 | 100 | 14 | 51,5 | 5,0 | 14 x 9 x 100 | **112 - 400** | 1065 | 1005 | ø 28 | 60 | 50 | 8 | 31,0 | 5,0 | 8 x 7 x 50 | 226 |
| | 56 -100 | 1137 | 1057 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | | | | | | | | | | | |
| **SK 8.07** | 20 - 56 | 1222 | 1112 | ø 48 | 110 | 100 | 14 | 51,5 | 5,0 | 14 x 9 x 100 | **125 - 450** | 1120 | 1060 | ø 28 | 60 | 50 | 8 | 31,0 | 5,0 | 8 x 7 x 50 | 228 |
| | 63 -112 | 1192 | 1112 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | | | | | | | | | | | |
| **SK 9.07** | 18 - 50 | 1322 | 1212 | ø 50 | 110 | 90 | 14 | 54,5 | 10,0 | 14 x 9 x 90 | **112 - 400** | 1262 | 1182 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | 230 |
| | 56 -100 | 1312 | 1212 | ø 40 | 100 | 80 | 12 | 43,0 | 10,0 | 12 x 8 x 80 | | | | | | | | | | | |
| **SK 10.07** | 20 - 56 | 1387 | 1277 | ø 50 | 110 | 90 | 14 | 53,5 | 10,0 | 14 x 9 x 90 | **125 - 450** | 1337 | 1257 | ø 38 | 80 | 70 | 10 | 41,0 | 5,0 | 10 x 8 x 70 | 232 |
| | 63 -112 | 1377 | 1277 | ø 40 | 100 | 80 | 12 | 43,0 | 10,0 | 12 x 8 x 80 | | | | | | | | | | | |
| **SK 11.07** | 12,6 - 45 | 1564 | 1424 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | **80 - 400** | 1481 | 1371 | ø 50 | 110 | 90 | 14 | 53,5 | 10,0 | 14 x 9 x 90 | 234 |
| | 50 - 71 | 1534 | 1424 | ø 50 | 110 | 90 | 14 | 53,5 | 10,0 | 14 x 9 x 90 | | | | | | | | | | | |
| **SK 12.07** | 12,6 - 45 | 1782 | 1612 | ø 80 | 170 | 140 | 22 | 85,0 | 15,0 | 22 x 14 x 140 | **80 - 400** | 1634 | 1524 | ø 50 | 110 | 90 | 14 | 54,5 | 10,0 | 14 x 9 x 90 | 236 |
| | 50 - 71 | 1752 | 1612 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | | | | | | | | | | | |
| **SK 13.07** | 12,6 - 45 | 1997 | 1827 | ø 80 | 170 | 140 | 22 | 85,0 | 15,0 | 22 x 14 x 140 | **80 - 400** | 1907 | 1767 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | 238 |
| | 50 - 71 | 1967 | 1827 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | | | | | | | | | | | |
| **SK 14.07** | 20 - 50 | 2082 | 1912 | ø 80 | 170 | 140 | 22 | 85,0 | 15,0 | 22 x 14 x 140 | **100 - 400** | 2052 | 1912 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | 240 |
| | 55 - 90 | 2052 | 1912 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | | | | | | | | | | | |
| **SK 15.07** | 12,6 - 45 | 2332 | 2132 | ø100 | 210 | 180 | 28 | 106 | 15,0 | 28 x 16 x 180 | **80 - 400** | 2192 | 2052 | ø 70 | 140 | 125 | 20 | 74,5 | 7,5 | 20 x 12 x 125 | 242 |
| | 50 - 71 | 2302 | 2132 | ø 80 | 170 | 140 | 22 | 85,0 | 15,0 | 22 x 14 x 140 | | | | | | | | | | | |

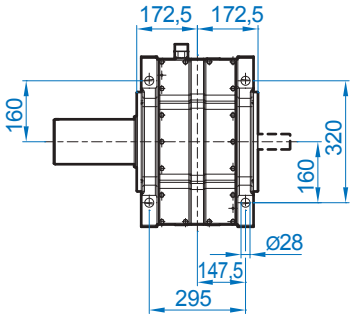
* values in brakets at option „DRY“

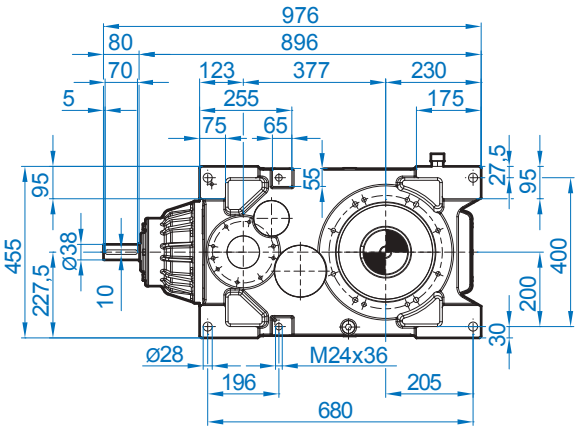


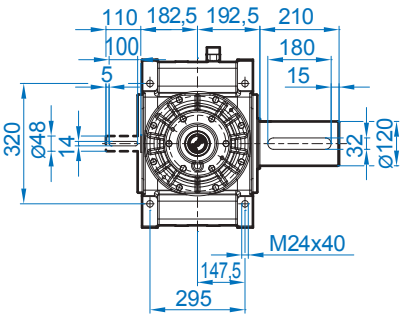
## SK 5407 / 5507 V *



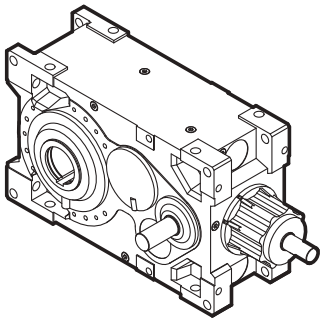


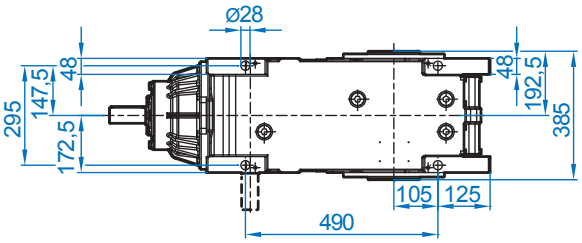



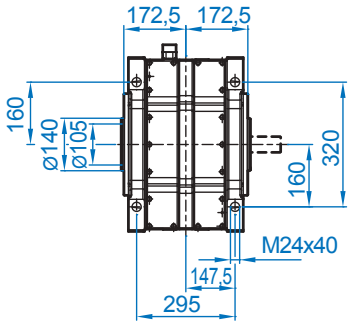



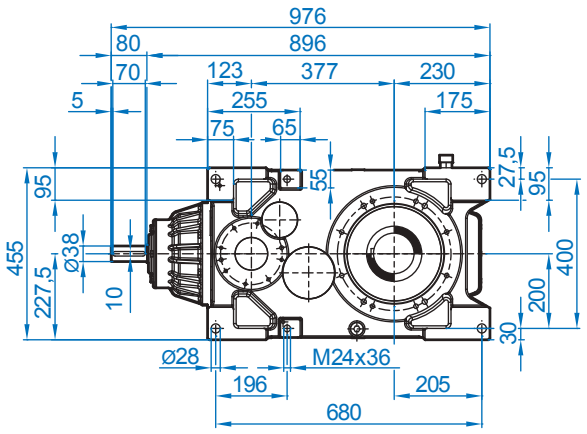



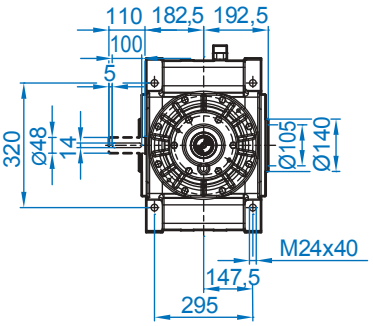

## SK 5407 / 5507 A *



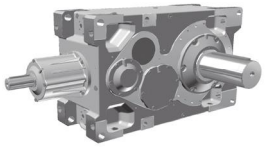


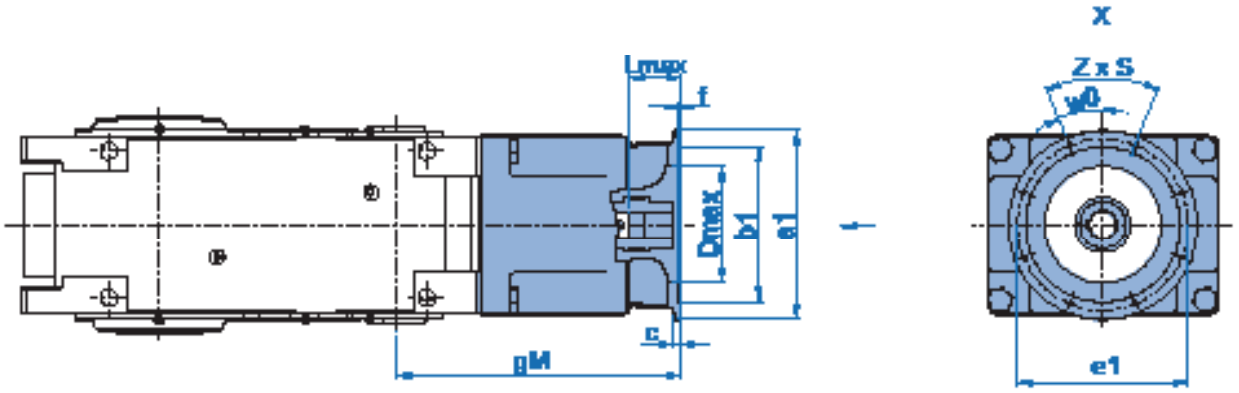




* Dimensions for option "DRY" please see 📖 244



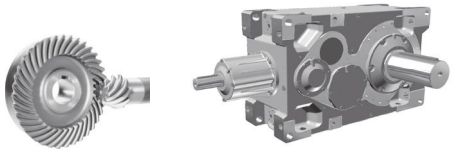
## SK 5407 / SK 5507



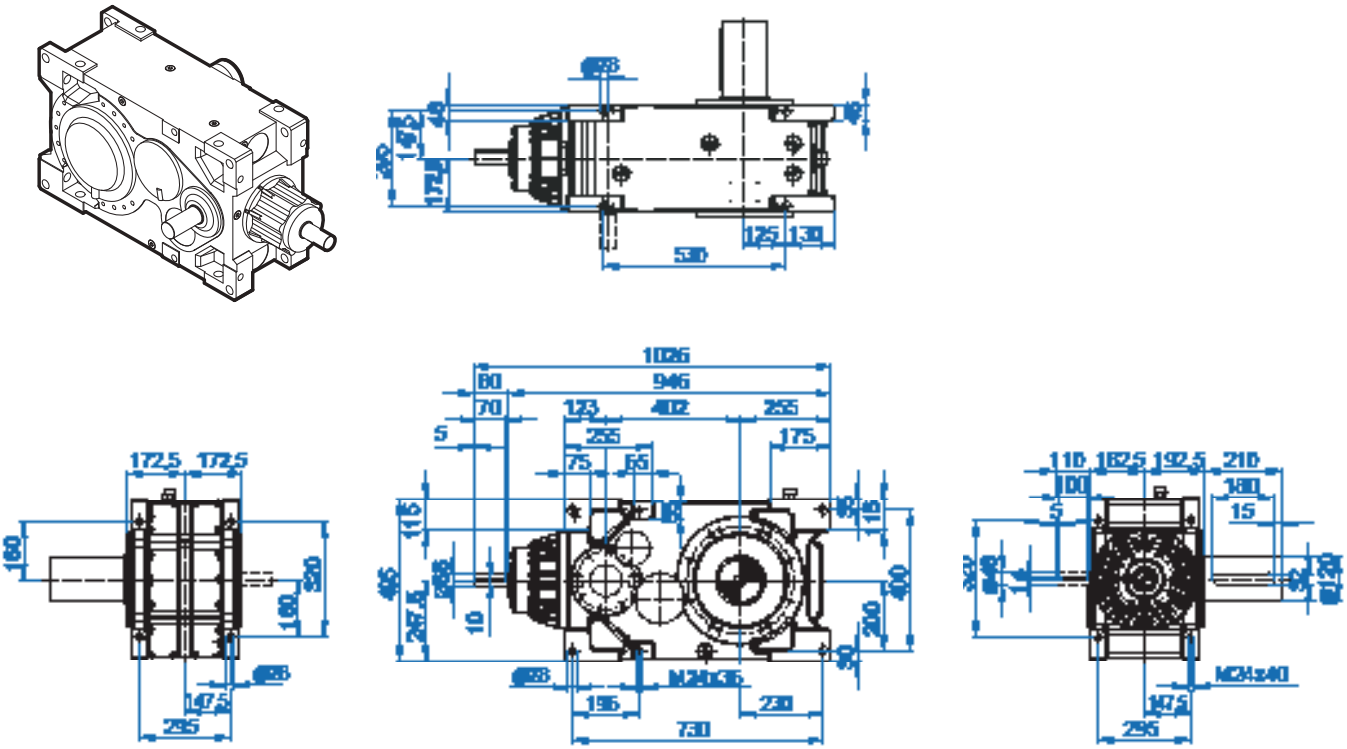

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| SK 5507 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |

[1] Type designation and dimensions up to 200kW correspond to NORD motors

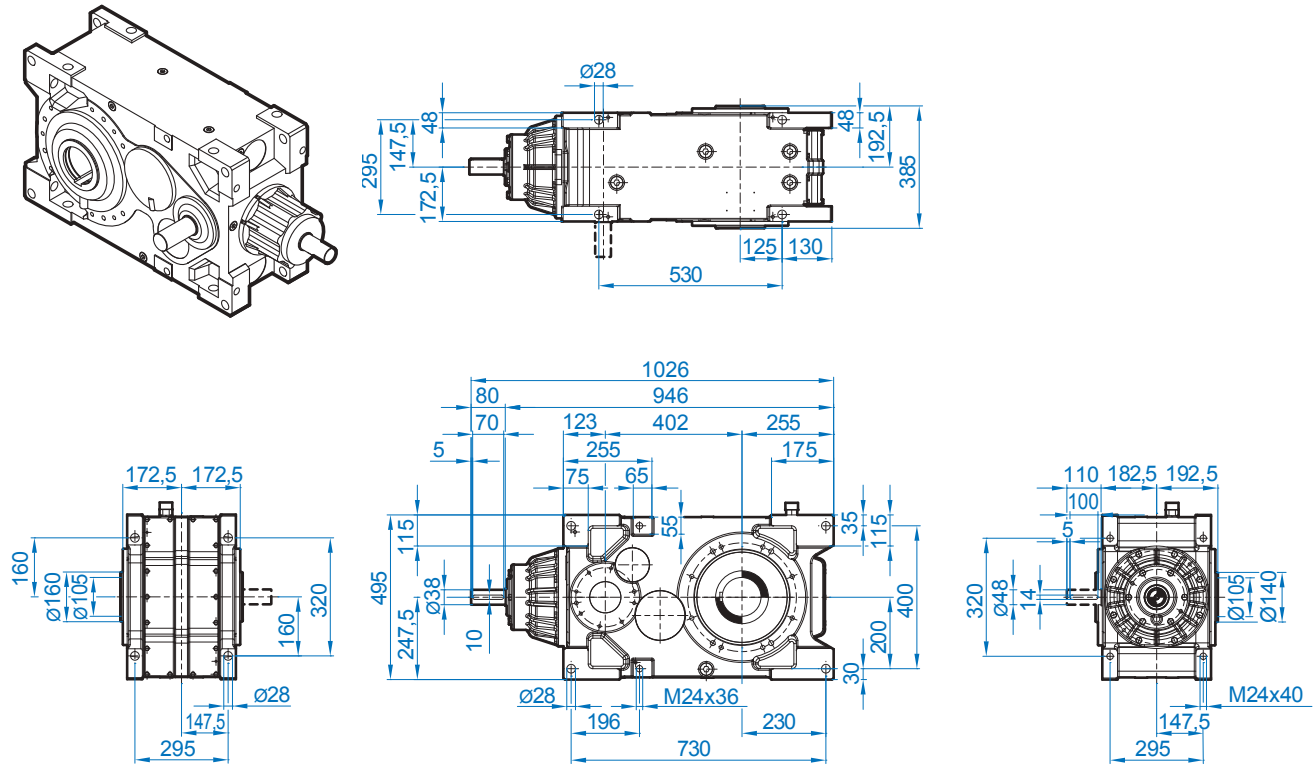
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407 | NEMA | 254/256 TC | 537 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 113 |
| | | 284/286 TC | 537 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 113 |
| | | 324/326 TC | 550 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 181 |
| | | 364/365 TC | 580 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 211 |
| | | 404/405 TC | 594 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 225 |
| SK 5507 | NEMA | 254/256 TC | 463 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 162 |
| | | 284/286 TC | 463 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 162 |



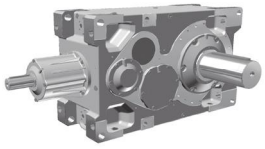
## SK 6407/6507 V *



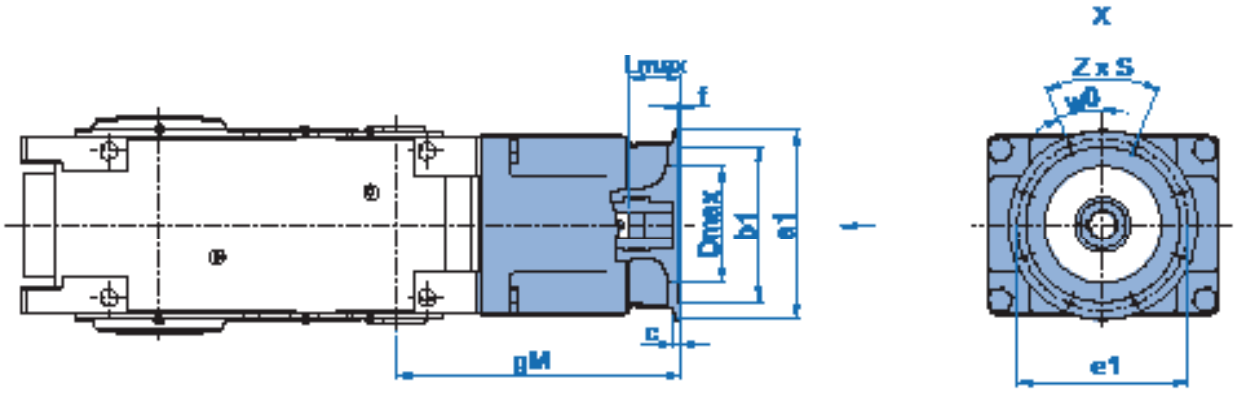

## SK 6407/6507 A *




* Dimensions for option "DRY" please see 📖 244



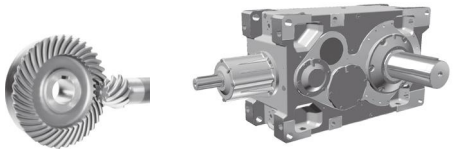
## SK 6407 / SK 6507



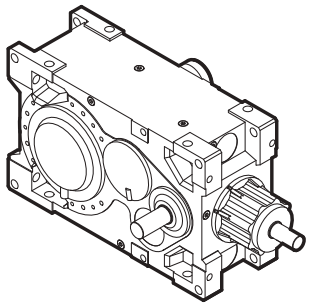

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 6407 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| SK 6507 | IEC [1] | 100 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 112 | 381,5 | 250 | 180 | 215 | 11 | 4 | 4 x 14,5 | 0 | 160 | 89 |
| | | 132 | 406,5 | 300 | 230 | 265 | 12 | 4 | 4 x 14,5 | 0 | 210 | 114 |
| | | 160 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 180 | 436,5 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45 | 220 | 144 |
| | | 200 | 436,5 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45 | 250 | 144 |
| | | 225 | 466,5 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 174 |
| | | 250 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |
| | | 280 | 466,5 | 550 | 450 | 500 | 22 | 8 | 8 x M16 | 22,5 | 250 | 174 |

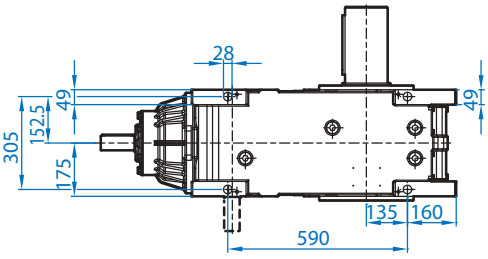
[1] Type designation and dimensions up to 200kW correspond to NORD motors

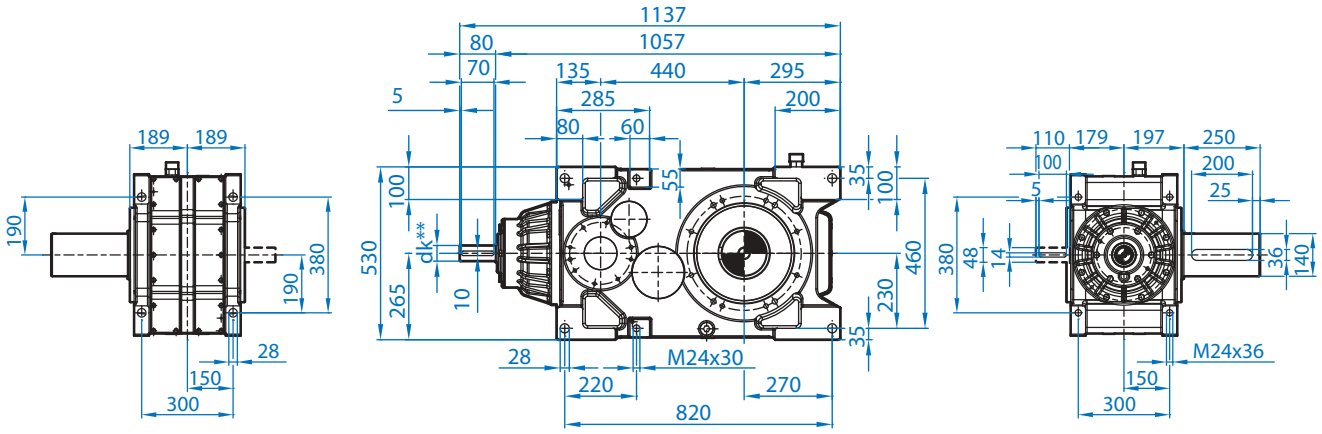
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 6407 | NEMA | 254/256 TC | 537 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 113 |
| | | 284/286 TC | 537 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 113 |
| | | 324/326 TC | 550 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 181 |
| | | 364/365 TC | 580 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 211 |
| | | 404/405 TC | 594 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 225 |
| SK 6507 | NEMA | 254/256 TC | 463 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 162 |
| | | 284/286 TC | 463 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 162 |



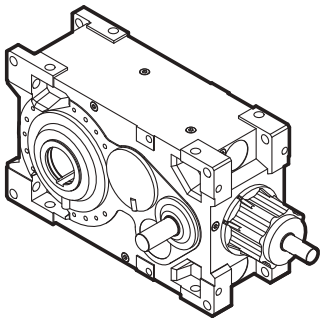
## SK 7407 / 7507 V *

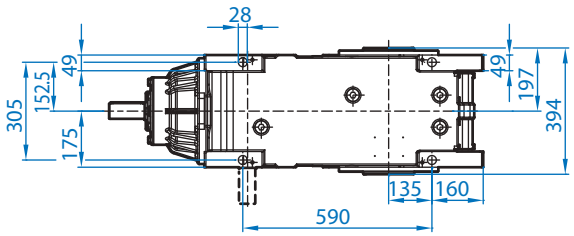


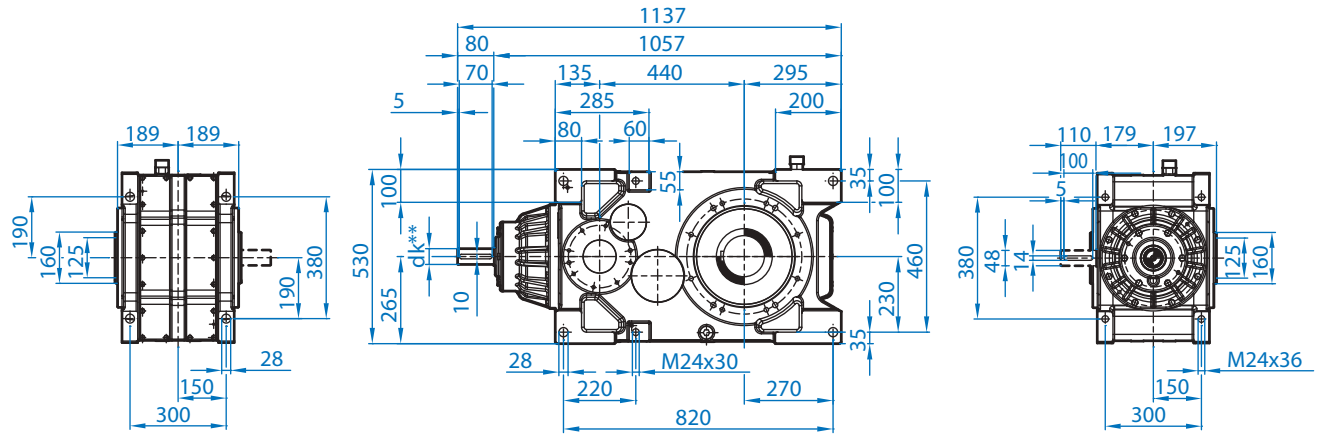


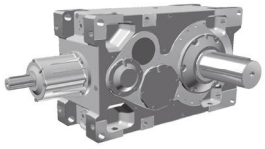

## SK 7407 / 7507 A *



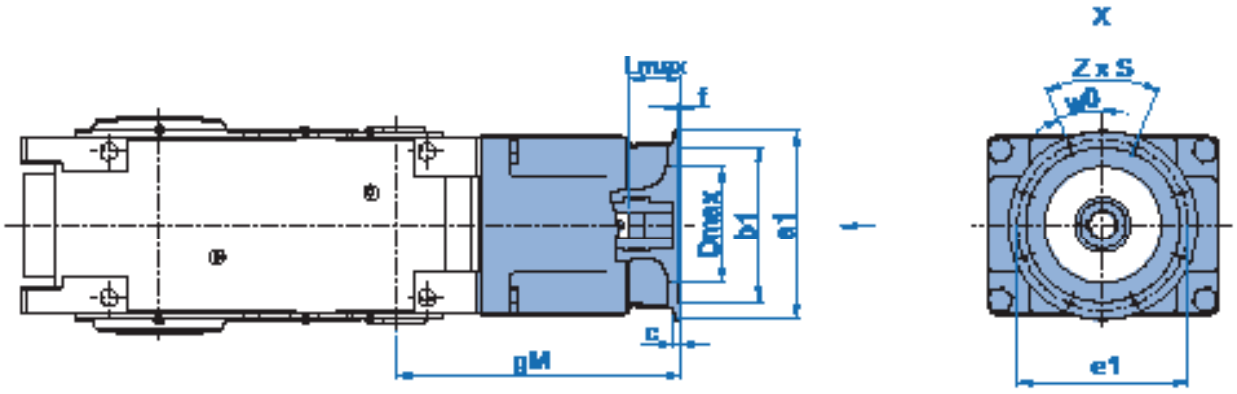



* Dimensions for option "DRY" please see 📖 244
** please see 📖 221



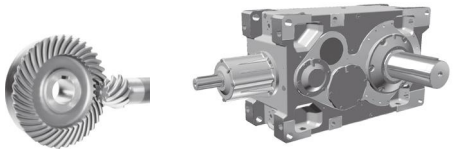
## SK 7407 / SK 7507



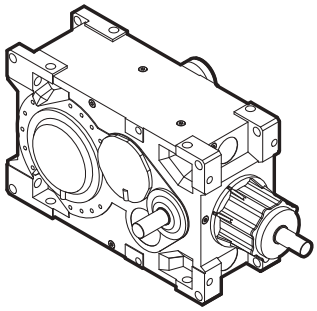

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0°° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7407 | IEC [1] | 100 | 527 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 / 125 |
| | | 112 | 527 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 / 125 |
| | | 132 | 547 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 115 / 145 |
| | | 160 | 577 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 / 175 |
| | | 180 | 577 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 / 175 |
| | | 200 | 577 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 145 / 175 |
| | | 225 | 607 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 175 / 205 |
| | | 250 | 607 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 / 205 |
| | | 280 | 607 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 / 205 |
| | | 315 | 637 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| | TN [2] | 315 | 637 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| | | 355 | 637 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| SK 7507 | IEC [1] | 100 | 425 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 |
| | | 112 | 425 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 |
| | | 132 | 445 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 115 |
| | | 160 | 475 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 |
| | | 180 | 475 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 |
| | | 200 | 475 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 145 |
| | | 225 | 505 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 175 |
| | | 250 | 505 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 |
| | | 280 | 505 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 |
| | | 315 | 535 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 205 |
| | TN [2] | 315 | 535 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 |
| | | 355 | 535 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 |

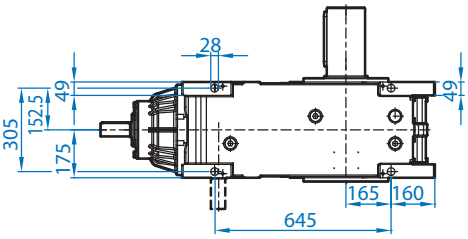
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

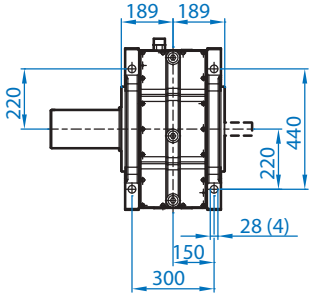
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0°° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 7407 | NEMA | 254/256 TC | 600 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 / 198 |
| | | 284/286 TC | 600 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 / 198 |
| | | 324/326 TC | 611 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 179 / 209 |
| | | 364/365 TC | 641 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 209 / 239 |
| | | 404/405 TC | 655 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 223 / 253 |
| | | 444/445 TC | 687 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 255 / 285 |
| | | 447/449 TC | 682 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 250 / 280 |
| SK 7507 | NEMA | 254/256 TC | 498 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 |
| | | 284/286 TC | 498 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 |
| | | 324/326 TC | 509 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 179 |
| | | 364/365 TC | 539 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 209 |
| | | 404/405 TC | 553 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 223 |
| | | 444/445 TC | 585 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 255 |
| | | 447/449 TC | 580 | 660 | 406.4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 250 |

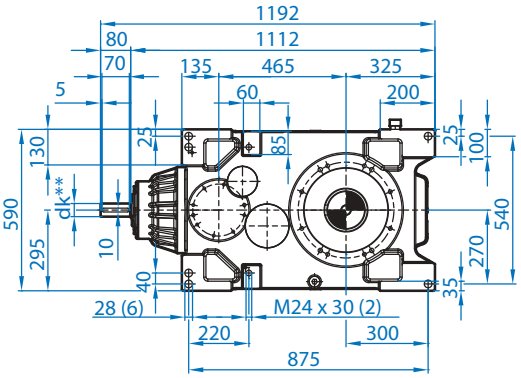


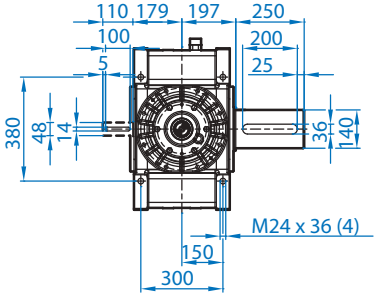
## SK 8407 / 8507 V *



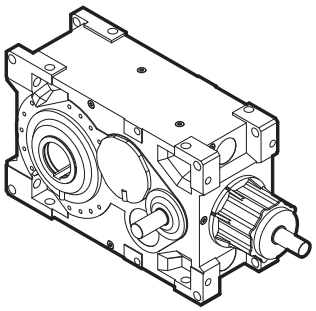


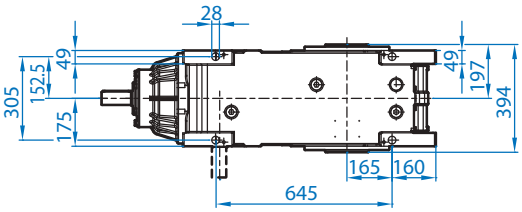



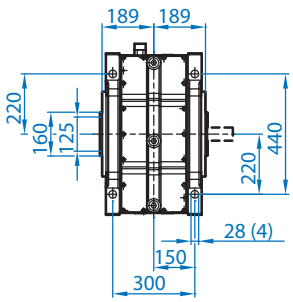



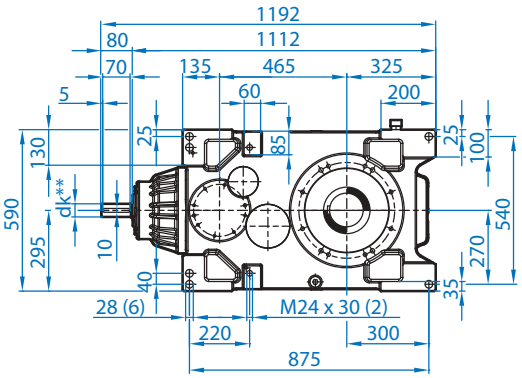



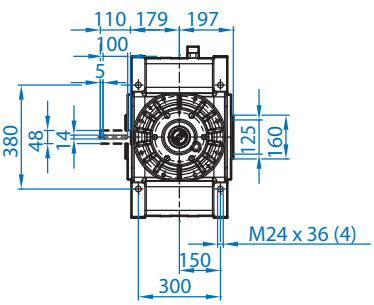

## SK 8407 / 8507 A *



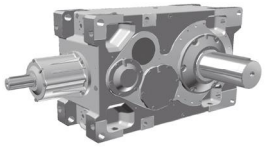


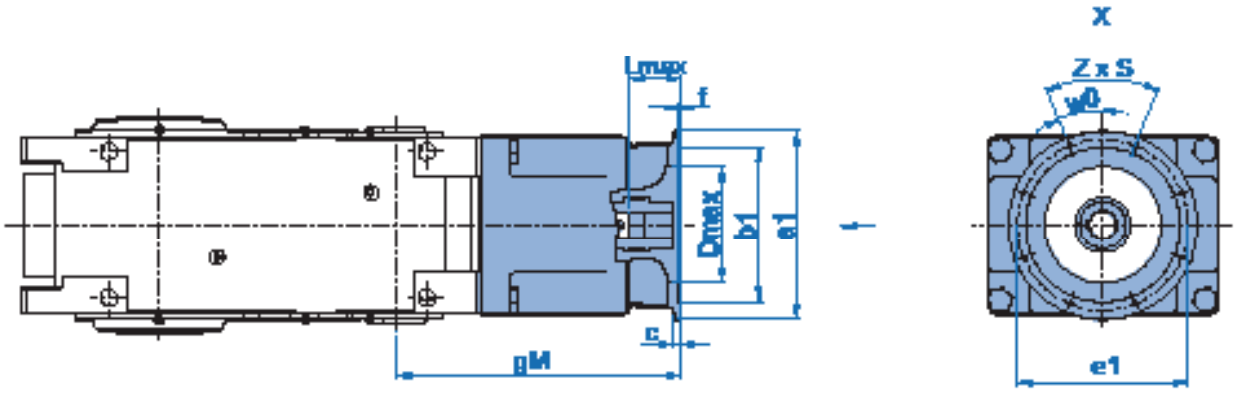




* Dimensions for option "DRY" please see 📖 244
** please see 📖 221



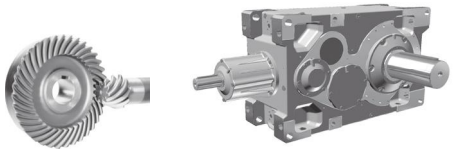
## SK 8407 / SK 8507



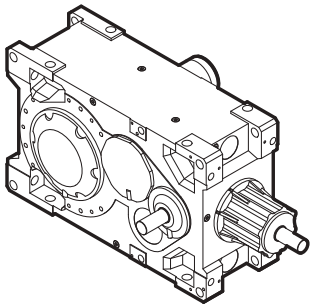

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 8407 | IEC [1] | 100 | 527 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 / 125 |
| | | 112 | 527 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 95 / 125 |
| | | 132 | 547 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 115 / 145 |
| | | 160 | 577 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 / 175 |
| | | 180 | 577 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 145 / 175 |
| | | 200 | 577 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 145 / 175 |
| | | 225 | 607 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 175 / 205 |
| | | 250 | 607 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 / 205 |
| | | 280 | 607 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 175 / 205 |
| | | 315 | 637 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| | TN [2] | 315 | 637 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| | | 355 | 637 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 205 / 235 |
| SK 8507 | IEC [1] | 100 | 425 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 75 |
| | | 112 | 425 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 75 |
| | | 132 | 445 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 95 |
| | | 160 | 475 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 125 |
| | | 180 | 475 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 125 |
| | | 200 | 475 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 125 |
| | | 225 | 505 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 155 |
| | | 250 | 505 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 155 |
| | | 280 | 505 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 155 |
| | | 315 | 535 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 185 |
| | TN [2] | 315 | 535 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 185 |
| | | 355 | 535 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 185 |

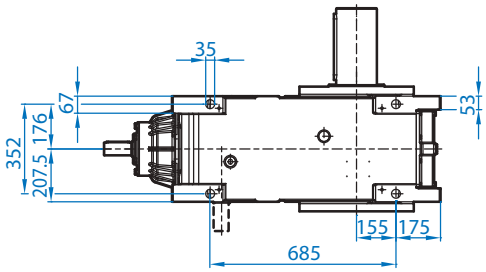
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

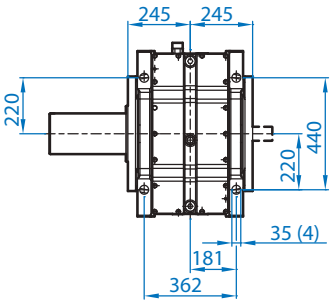
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 8407 | NEMA | 254/256 TC | 600 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 / 198 |
| | | 284/286 TC | 600 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 168 / 198 |
| | | 324/326 TC | 611 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 179 / 209 |
| | | 364/365 TC | 641 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 209 / 239 |
| | | 404/405 TC | 655 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 223 / 253 |
| | | 444/445 TC | 687 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 255 / 285 |
| | | 447/449 TC | 682 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 250 / 280 |
| SK 8507 | NEMA | 254/256 TC | 498 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 148 |
| | | 284/286 TC | 498 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 148 |
| | | 324/326 TC | 509 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 159 |
| | | 364/365 TC | 539 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 189 |
| | | 404/405 TC | 553 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 203 |
| | | 444/445 TC | 585 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 235 |
| | | 447/449 TC | 580 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 230 |

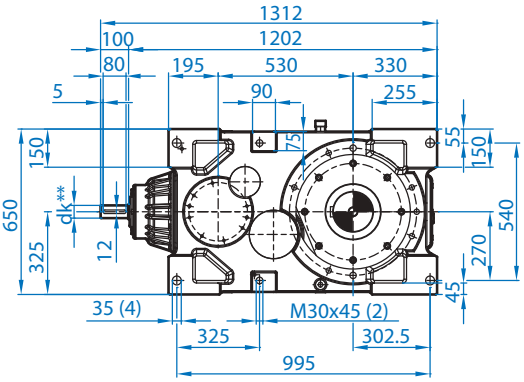


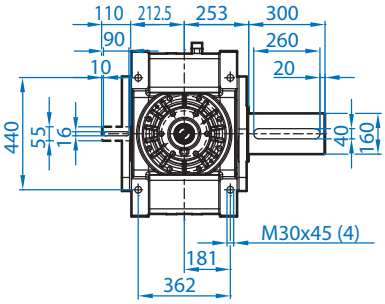
## SK 9407 / 9507 V



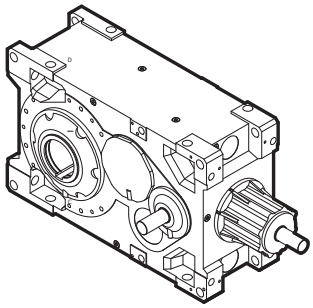


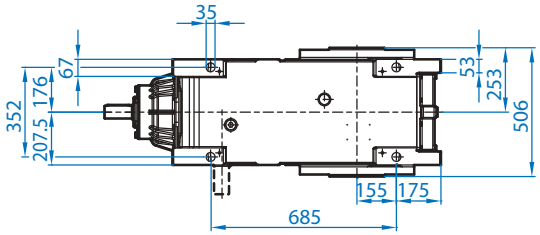



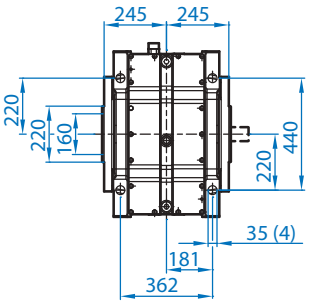



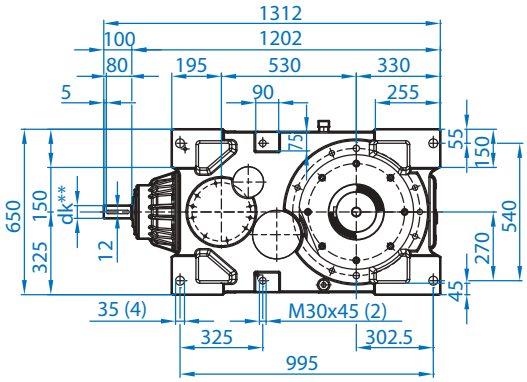



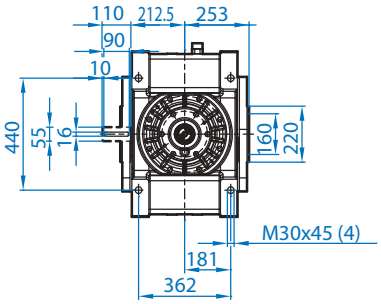

## SK 9407 / 9507 A *



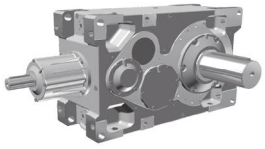


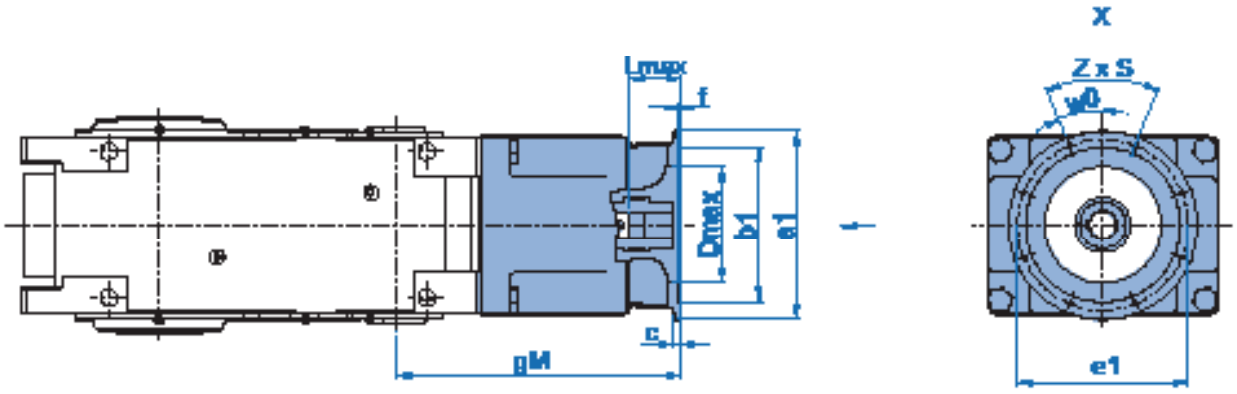




* Dimensions for option "DRY" please see 📖 244
** please see 📖 221



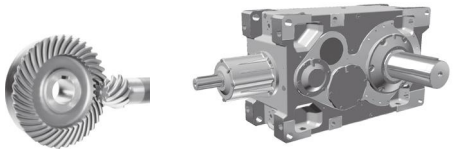
## SK 9407 / SK 9507



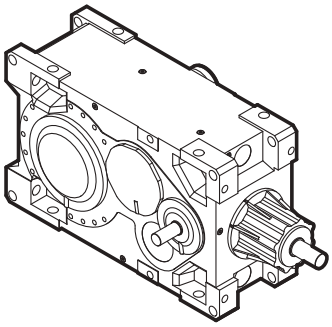

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0°° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 9407 | IEC [1] | 100 | 587 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 125 / 135 |
| | | 112 | 587 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 125 / 135 |
| | | 132 | 607 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 145 / 155 |
| | | 160 | 637 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 175 / 185 |
| | | 180 | 637 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 175 / 185 |
| | | 200 | 637 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 175 / 185 |
| | | 225 | 667 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 205 / 215 |
| | | 250 | 667 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 205 / 215 |
| | | 280 | 667 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 205 / 215 |
| | | 315 | 697 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 235 / 245 |
| | TN [2] | 315 | 697 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 235 / 245 |
| | | 355 | 697 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 235 / 245 |
| SK 9507 | IEC [1] | 100 | 485 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 83 |
| | | 112 | 485 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 83 |
| | | 132 | 505 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 103 |
| | | 160 | 535 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 133 |
| | | 180 | 535 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 133 |
| | | 200 | 535 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 133 |
| | | 225 | 565 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 163 |
| | | 250 | 565 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 163 |
| | | 280 | 565 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 163 |
| | | 315 | 595 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |
| | TN [2] | 315 | 595 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |
| | | 355 | 595 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |

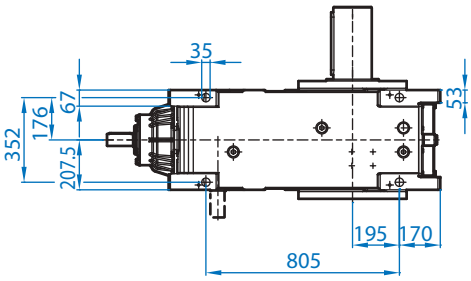
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

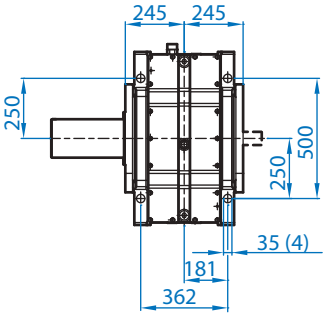
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0°° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 9407 | NEMA | 254/256 TC | 660 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 198 / 208 |
| | | 284/286 TC | 660 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 198 / 208 |
| | | 324/326 TC | 671 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 209 / 219 |
| | | 364/365 TC | 701 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 209 / 219 |
| | | 404/405 TC | 715 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 253 / 263 |
| | | 444/445 TC | 747 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 285 / 295 |
| | | 447/449 TC | 742 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 280 / 290 |
| SK 9507 | NEMA | 254/256 TC | 558 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 156 |
| | | 284/286 TC | 558 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 156 |
| | | 324/326 TC | 569 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 167 |
| | | 364/365 TC | 599 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 197 |
| | | 404/405 TC | 613 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 211 |
| | | 444/445 TC | 645 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 243 |
| | | 447/449 TC | 640 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 238 |

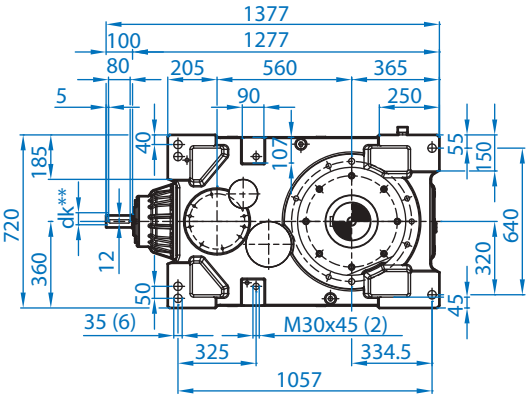


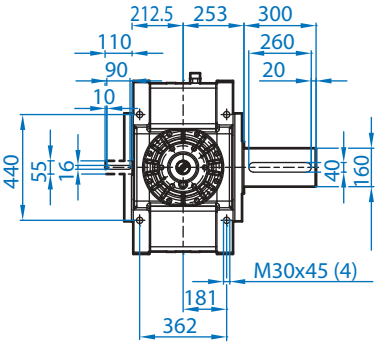
## SK 10407 / 10507 V



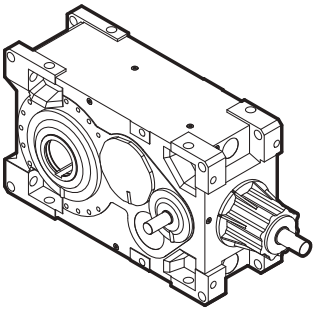


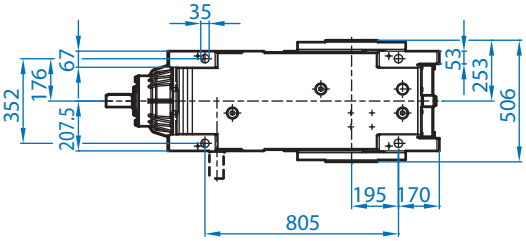



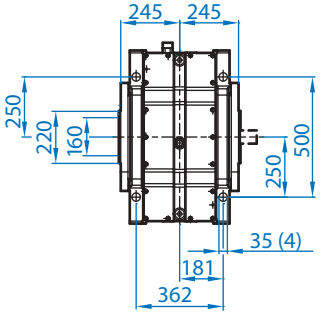



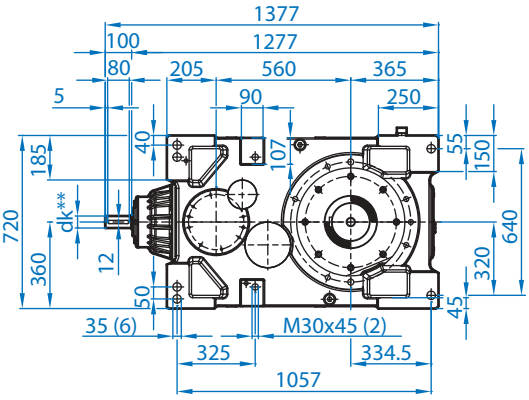



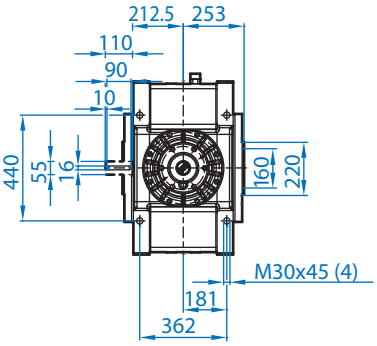

## SK 10407 / 10507 A *



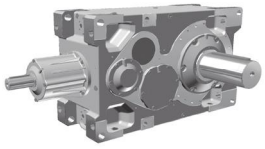


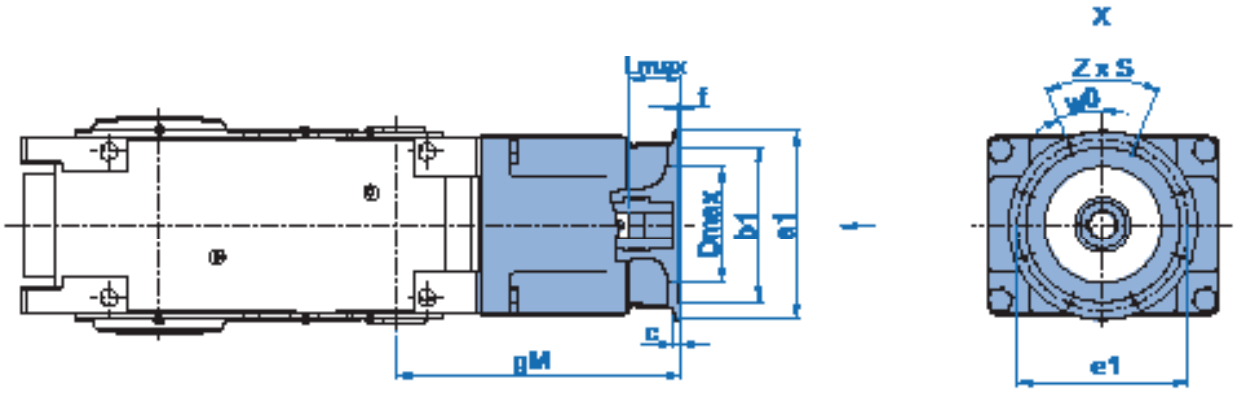




* Dimensions for option "DRY" please see 📖 244
** please see 📖 221



# SK 10407 / SK 10507
# IEC & NEMA

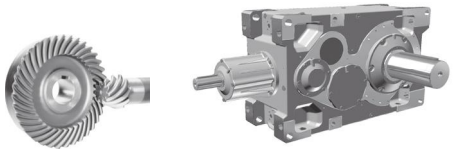
## SK 10407 / SK 10507



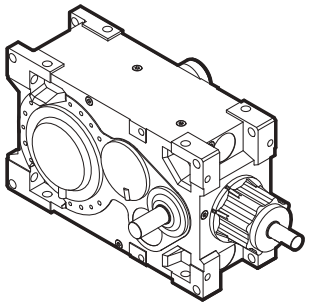

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 10407 | IEC [1] | 100 | 597 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 135 / 145 |
| | | 112 | 597 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 135 / 145 |
| | | 132 | 617 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 155 / 165 |
| | | 160 | 647 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 185 / 195 |
| | | 180 | 647 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 185 / 195 |
| | | 200 | 647 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 185 / 195 |
| | | 225 | 677 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 215 / 225 |
| | | 250 | 677 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 215 / 225 |
| | | 280 | 677 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 215 / 225 |
| | | 315 | 707 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 245 / 255 |
| | TN [2] | 315 | 707 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 245 / 255 |
| | | 355 | 707 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 245 / 255 |
| SK 10507 | IEC [1] | 100 | 495 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 83 |
| | | 112 | 495 | 250 | 180 | 215 | 11 | 4,0 | 4 x 14,5 | 0 | 160 | 83 |
| | | 132 | 515 | 300 | 230 | 265 | 12 | 4,0 | 4 x 14,5 | 0 | 210 | 103 |
| | | 160 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 133 |
| | | 180 | 545 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 220 | 133 |
| | | 200 | 545 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 250 | 133 |
| | | 225 | 575 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 250 | 163 |
| | | 250 | 575 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 163 |
| | | 280 | 575 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 250 | 163 |
| | | 315 | 605 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |
| | TN [2] | 315 | 605 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |
| | | 355 | 605 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 250 | 193 |

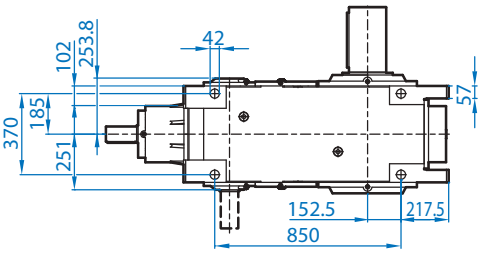
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

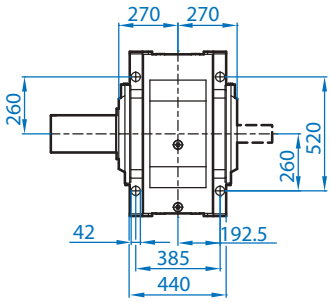
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 10407 | NEMA | 254/256 TC | 670 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 208 / 218 |
| | | 284/286 TC | 670 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 208 / 218 |
| | | 324/326 TC | 681 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 219 / 229 |
| | | 364/365 TC | 711 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 249 / 259 |
| | | 404/405 TC | 725 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 263 / 273 |
| | | 444/445 TC | 757 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 295 / 305 |
| | | 447/449 TC | 752 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 290 / 300 |
| SK 10507 | NEMA | 254/256 TC | 568 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 156 |
| | | 284/286 TC | 568 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 156 |
| | | 324/326 TC | 579 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 167 |
| | | 364/365 TC | 609 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 197 |
| | | 404/405 TC | 623 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 211 |
| | | 444/445 TC | 655 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 243 |
| | | 447/449 TC | 650 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 238 |

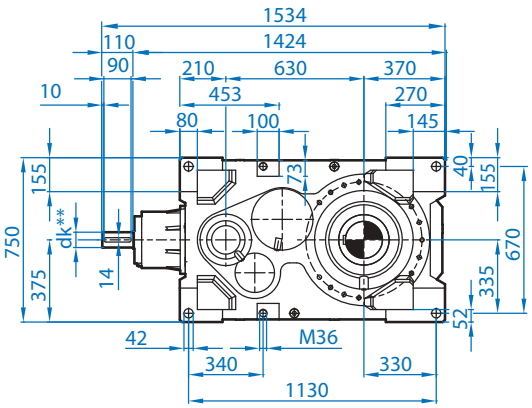


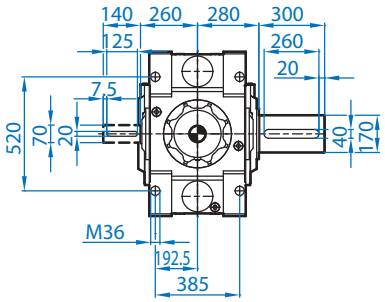
## SK 11407 / 11507 V



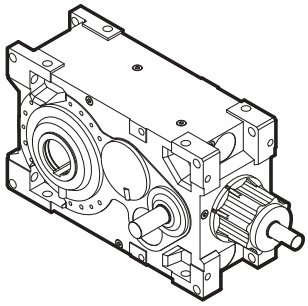


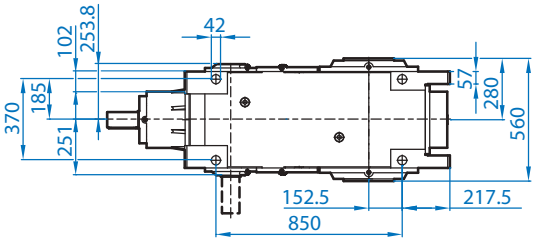



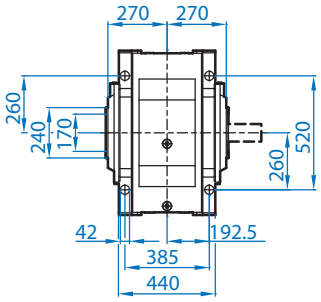



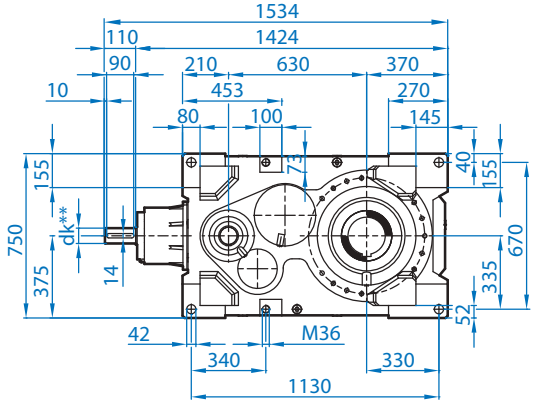



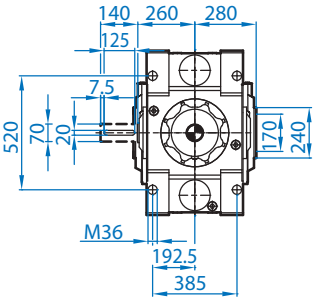

## SK 11407 / 11507 A



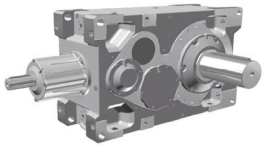


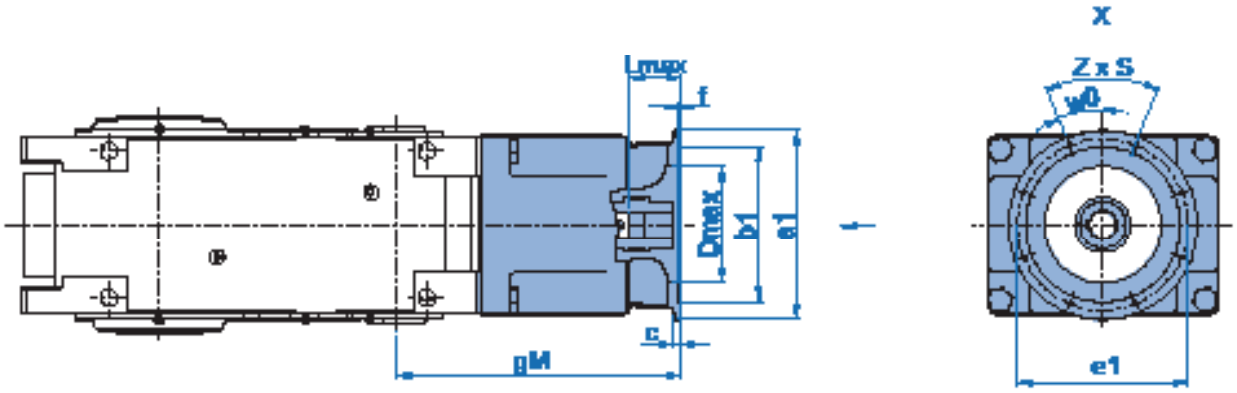




** please see 📖 221



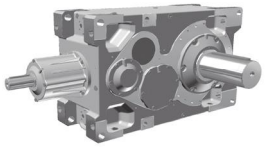
## SK 11407 / SK 11507



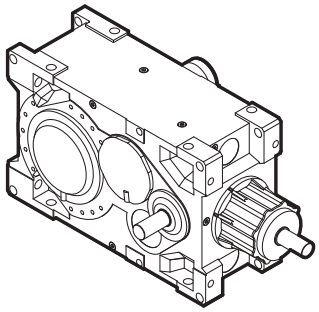

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11407 | IEC [1] | 160 | 684 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 180 | 684 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 200 | 684 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 / 150 |
| | | 225 | 714 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 / 180 |
| | | 250 | 714 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 280 | 714 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 315 | 744 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | TN [2] | 315T | 744 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | | 355T | 744 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| SK 11507 | IEC [1] | 160 | 601 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 |
| | | 180 | 601 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 |
| | | 200 | 601 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 |
| | | 225 | 631 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 |
| | | 250 | 631 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 |
| | | 280 | 631 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 |
| | | 315 | 661 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |
| | TN [2] | 315T | 661 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |
| | | 355T | 661 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |

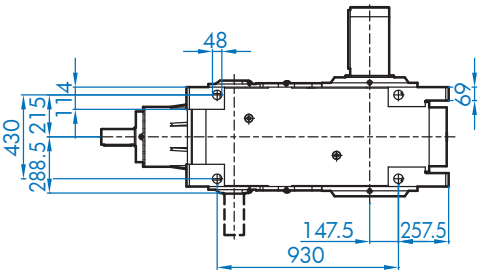
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

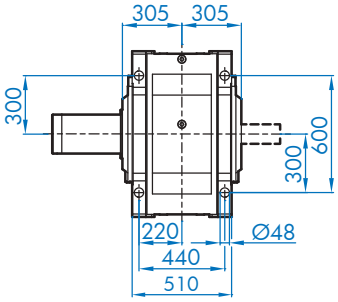
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 11407 | NEMA | 254/256 TC | 707 | 350 | 215.9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 284/286 TC | 707 | 350 | 266.7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 324/326 TC | 718 | 400 | 317.5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 / 184 |
| | | 364/365 TC | 748 | 450 | 317.5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 / 214 |
| | | 404/405 TC | 762 | 550 | 317.5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 / 228 |
| | | 444/445 TC | 794 | 550 | 406.4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 / 260 |
| | | 447/449 TC | 789 | 660 | 406.4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 / 255 |
| SK 11507 | NEMA | 254/256 TC | 624 | 350 | 215.9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 |
| | | 284/286 TC | 624 | 350 | 266.7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 |
| | | 324/326 TC | 635 | 400 | 317.5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 |
| | | 364/365 TC | 665 | 450 | 317.5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 |
| | | 404/405 TC | 679 | 550 | 317.5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 |
| | | 444/445 TC | 711 | 550 | 406.4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 |
| | | 447/449 TC | 706 | 660 | 406.4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 |

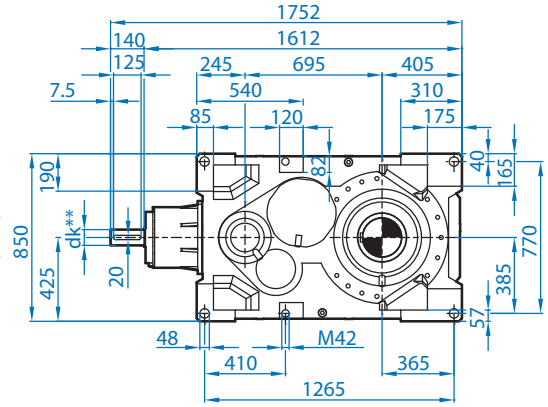


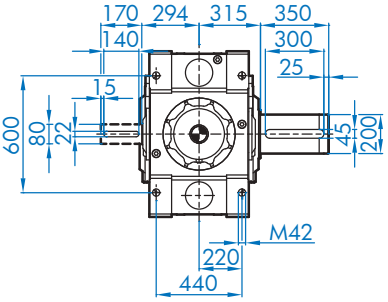
## SK 12407 / 12507 V



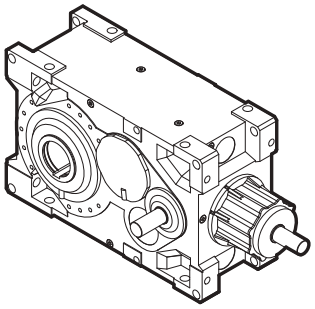


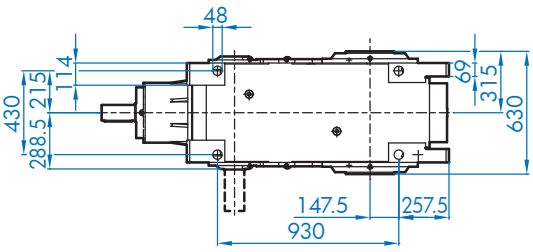



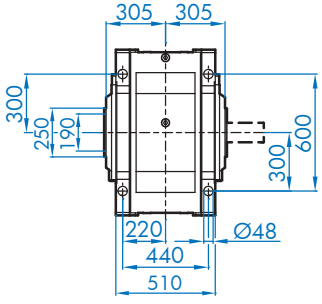



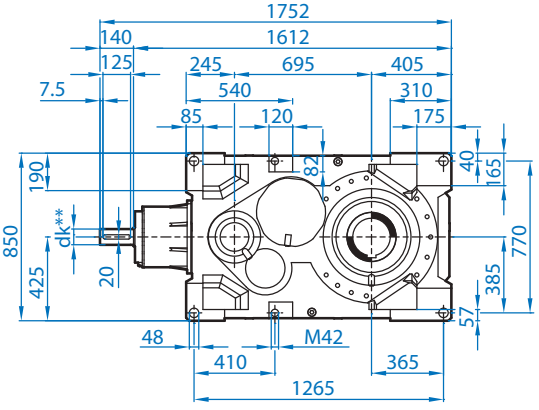



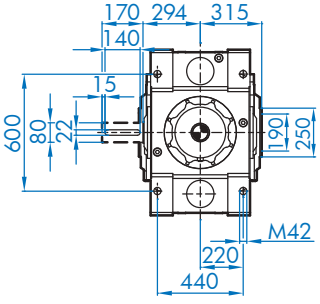

## SK 12407 / 12507 A



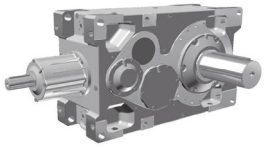


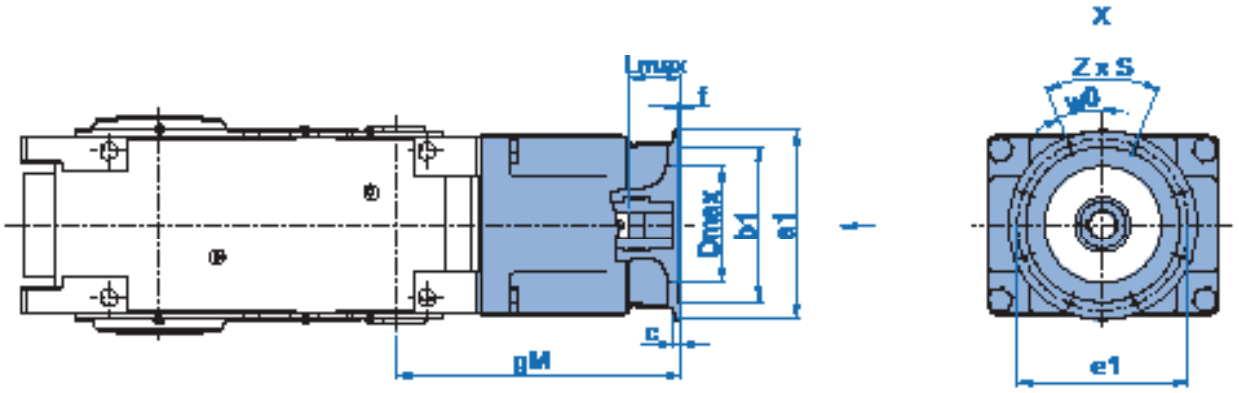




** please see 🕮 221



# SK 12407 / SK 12507
# IEC & NEMA

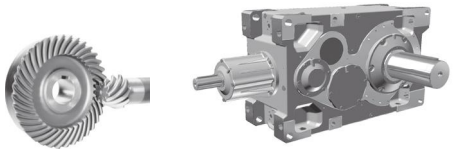
## SK 12407 / SK 12507



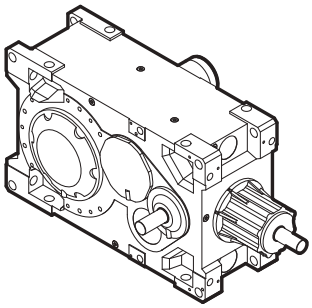

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | IEC [1] | 160 | 801 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45,0 | 228 | 119 / 149 |
| | | 180 | 801 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45,0 | 228 | 119 / 149 |
| | | 200 | 801 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45,0 | 276 | 119 / 149 |
| | | 225 | 831 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 290 | 149 / 179 |
| | | 250 | 831 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 149 / 179 |
| | | 280 | 831 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 149 / 179 |
| | | 315 | 861 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 179 / 209 |
| | TN [2] | 315T | 861 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 179 / 209 |
| | | 355T | 861 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 179 / 209 |
| SK 12507 | IEC [1] | 160 | 650 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45,0 | 228 | 116 |
| | | 180 | 650 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17.5 | 45,0 | 228 | 116 |
| | | 200 | 650 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17.5 | 45,0 | 276 | 116 |
| | | 225 | 680 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17.5 | 22,5 | 290 | 146 |
| | | 250 | 680 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 146 |
| | | 280 | 680 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 146 |
| | | 315 | 710 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 176 |
| | TN [2] | 315T | 710 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 176 |
| | | 355T | 710 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 176 |

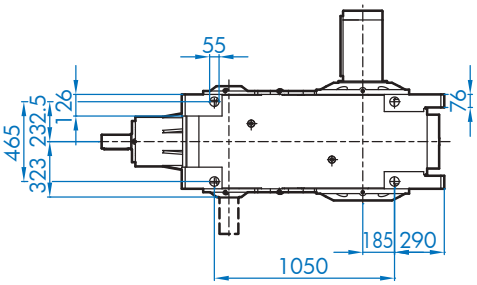
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

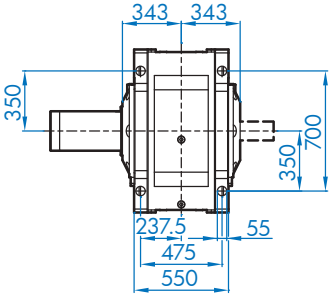
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | NEMA | 254/256 TC | 824 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 / 172 |
| | | 284/286 TC | 824 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 172 / 172 |
| | | 324/326 TC | 835 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 153 / 183 |
| | | 364/365 TC | 865 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 183 / 213 |
| | | 404/405 TC | 879 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 197 / 227 |
| | | 444/445 TC | 911 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 229 / 259 |
| | | 447/449 TC | 906 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 224 / 254 |
| SK 12507 | NEMA | 254/256 TC | 673 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 139 |
| | | 284/286 TC | 673 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 139 |
| | | 324/326 TC | 684 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 150 |
| | | 364/365 TC | 714 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 180 |
| | | 404/405 TC | 728 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 194 |
| | | 444/445 TC | 760 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 226 |
| | | 447/449 TC | 755 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 221 |

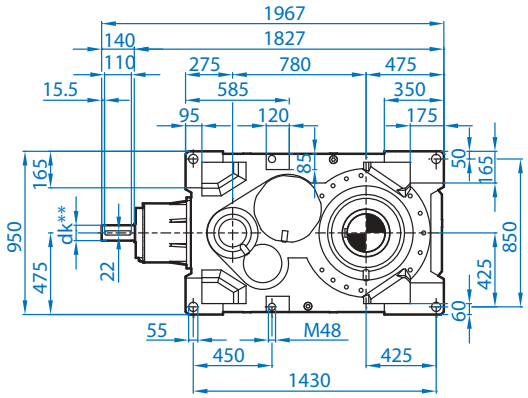


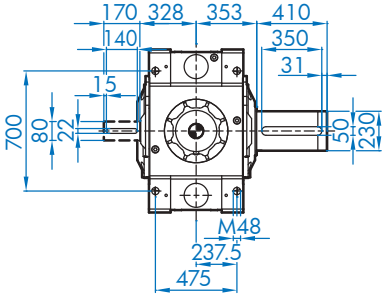
## SK 13407 / 13507 V



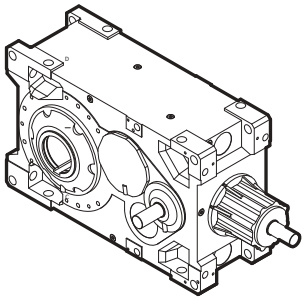


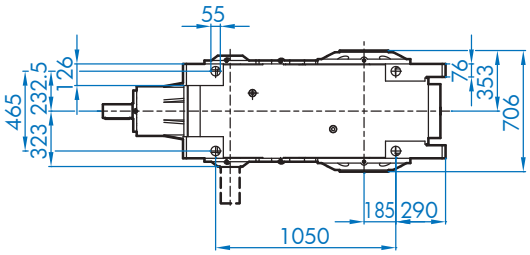



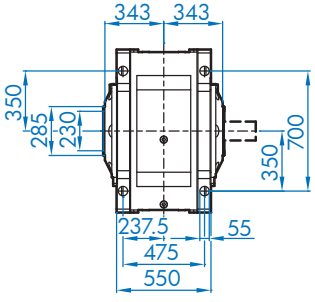



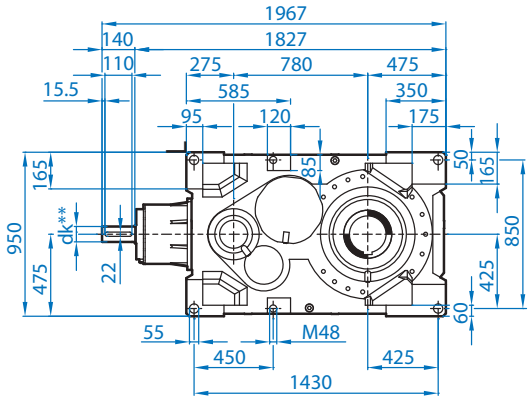



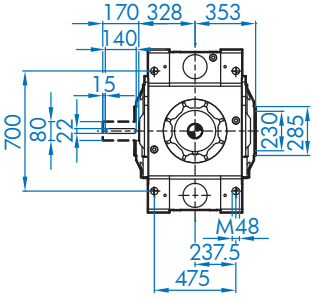

## SK 13407 / 13507 A



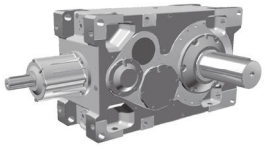


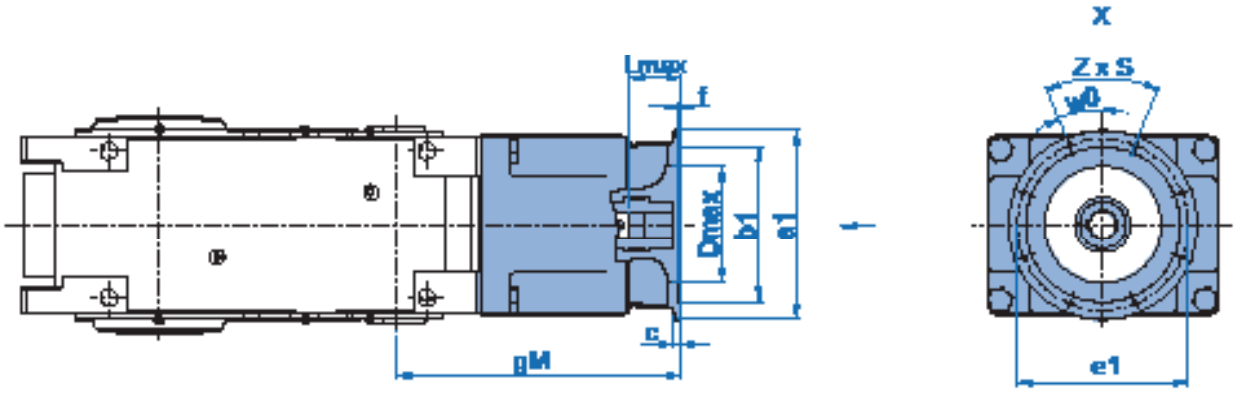




** please see 📖 221



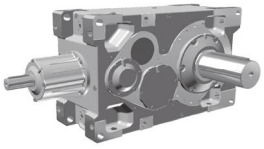
## SK 13407 / SK 13507



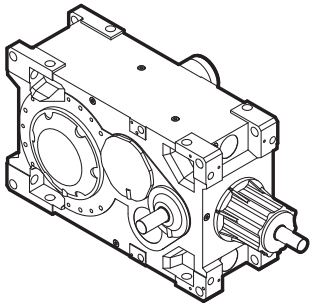

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 13407 | IEC [1] | 160 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 180 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 200 | 862 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 / 150 |
| | | 225 | 892 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 / 180 |
| | | 250 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 280 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 315 | 922 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | TN [2] | 315T | 922 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | | 355T | 922 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| SK 13507 | IEC [1] | 160 | 771 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 119 |
| | | 180 | 771 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 119 |
| | | 200 | 771 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 119 |
| | | 225 | 801 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 149 |
| | | 250 | 801 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 149 |
| | | 280 | 801 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 149 |
| | | 315 | 831 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 179 |
| | TN [2] | 315T | 831 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 179 |
| | | 355T | 831 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 179 |

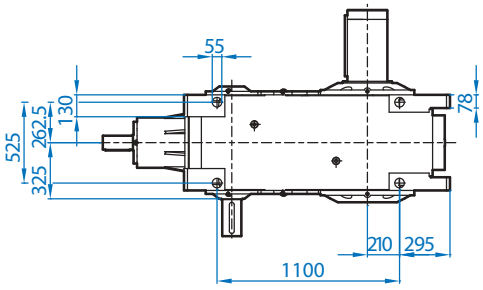
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

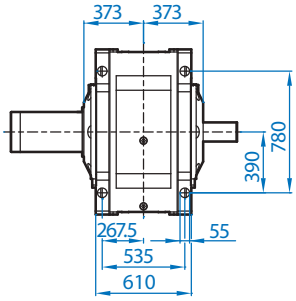
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 13407 | NEMA | 254/256 TC | 885 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 284/286 TC | 885 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 324/326 TC | 896 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 / 184 |
| | | 364/365 TC | 926 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 / 214 |
| | | 404/405 TC | 940 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 / 228 |
| | | 444/445 TC | 972 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 / 260 |
| | | 447/449 TC | 967 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 / 255 |
| SK 13507 | NEMA | 254/256 TC | 794 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 284/286 TC | 794 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 324/326 TC | 805 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 153 |
| | | 364/365 TC | 835 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 183 |
| | | 404/405 TC | 849 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 197 |
| | | 444/445 TC | 881 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 229 |
| | | 447/449 TC | 876 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 224 |

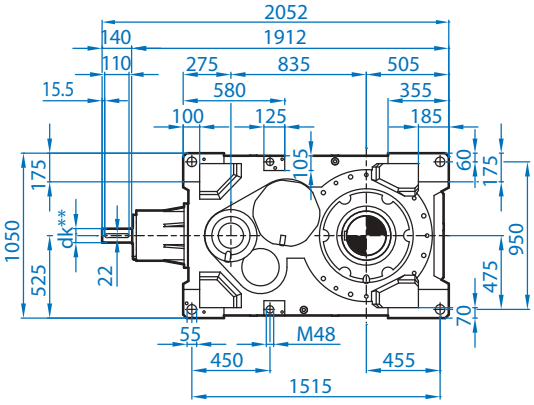


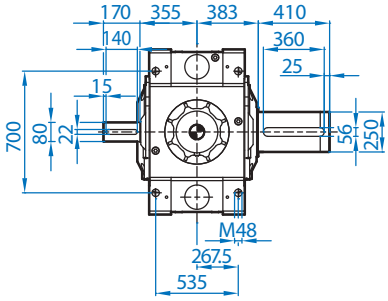
## SK 14407 / 14507 V



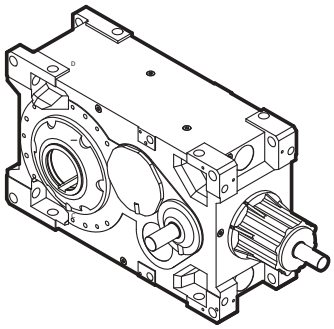


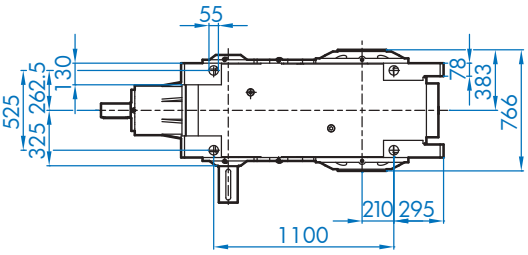



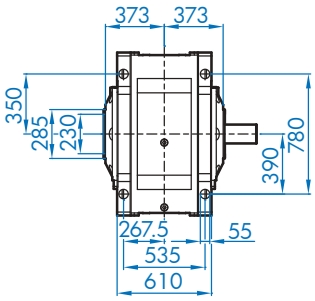



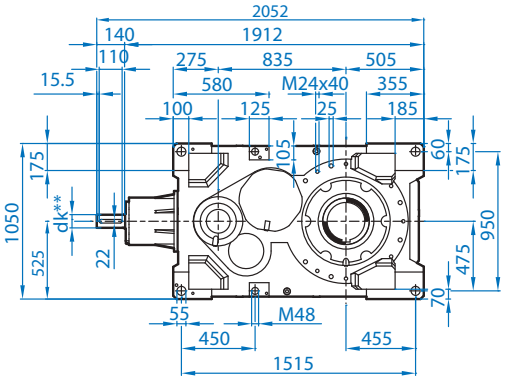



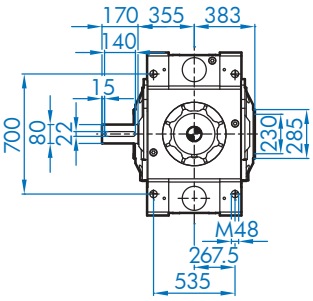

## SK 14407 / 14507 A



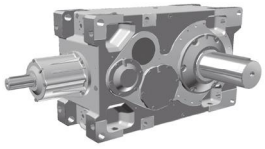


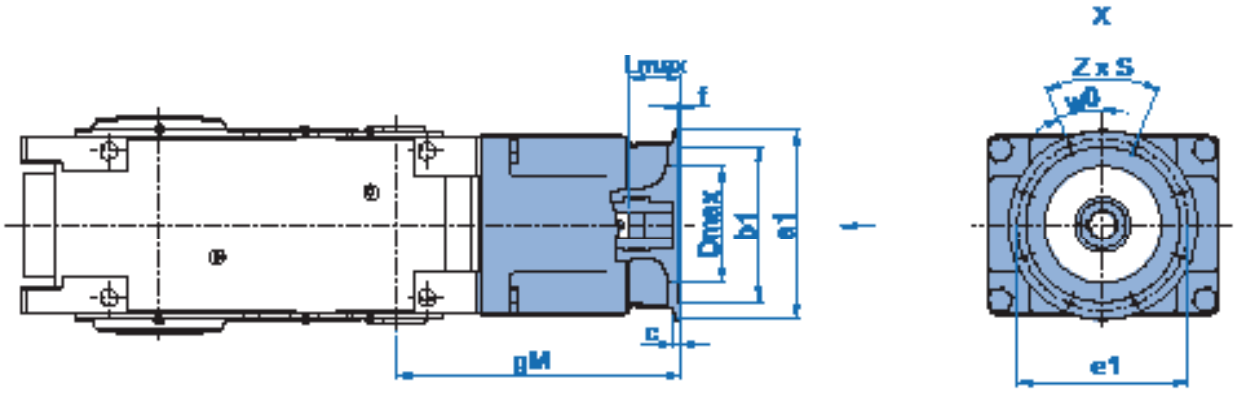




** please see 📖 221



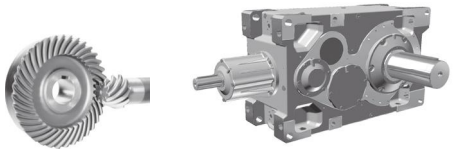
## SK 14407 / SK 14507



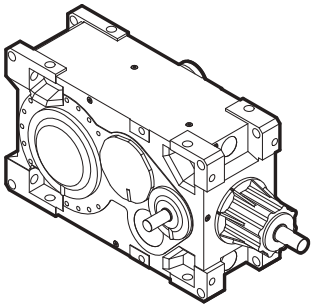

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 14407 | IEC [1] | 160 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 180 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 200 | 862 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 / 150 |
| | | 225 | 892 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 / 180 |
| | | 250 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 280 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 315 | 922 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | TN [2] | 315 | 922 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | | 355 | 922 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| SK 14507 | IEC [1] | 160 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 150 |
| | | 180 | 862 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 150 |
| | | 200 | 862 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 150 |
| | | 225 | 892 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 180 |
| | | 250 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 180 |
| | | 280 | 892 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 180 |
| | | 315 | 922 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 210 |
| | TN [2] | 315 | 922 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 210 |
| | | 355 | 922 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 210 |

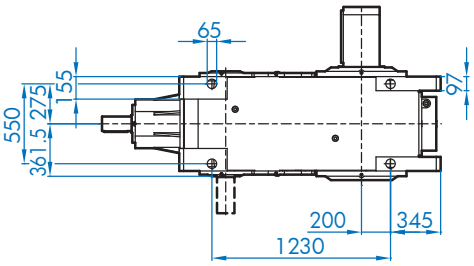
[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

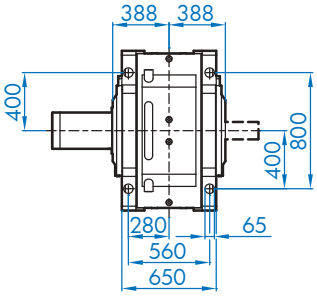
| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 14407 | NEMA | 254/256 TC | 885 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 284/286 TC | 885 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 324/326 TC | 896 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 / 184 |
| | | 364/365 TC | 926 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 / 214 |
| | | 404/405 TC | 940 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 / 228 |
| | | 444/445 TC | 972 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 / 260 |
| | | 447/449 TC | 967 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 / 255 |
| SK 14507 | NEMA | 254/256 TC | 794 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 284/286 TC | 794 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 142 |
| | | 324/326 TC | 805 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 153 |
| | | 364/365 TC | 835 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 183 |
| | | 404/405 TC | 849 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 197 |
| | | 444/445 TC | 881 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 229 |
| | | 447/449 TC | 876 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 224 |

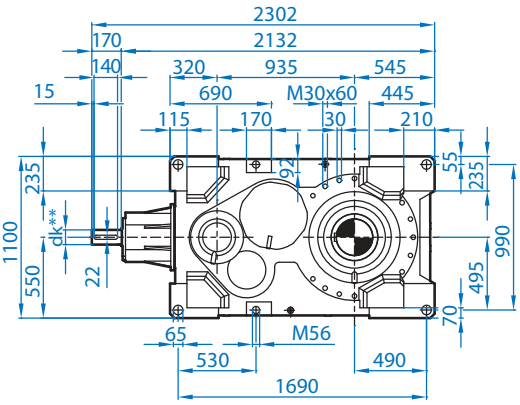


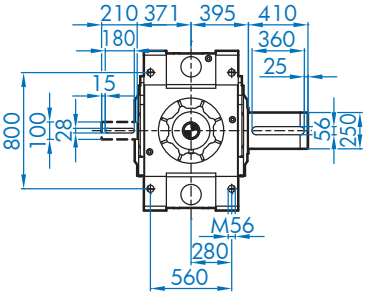
## SK 15407 / 15507 V



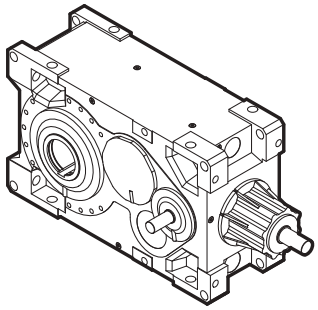


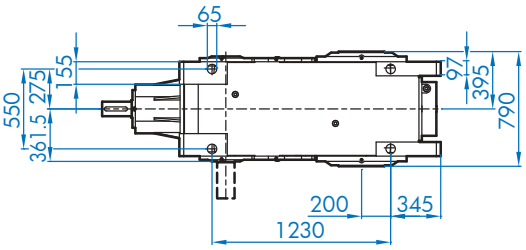



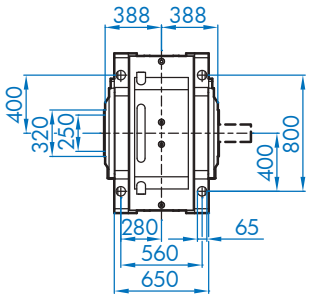



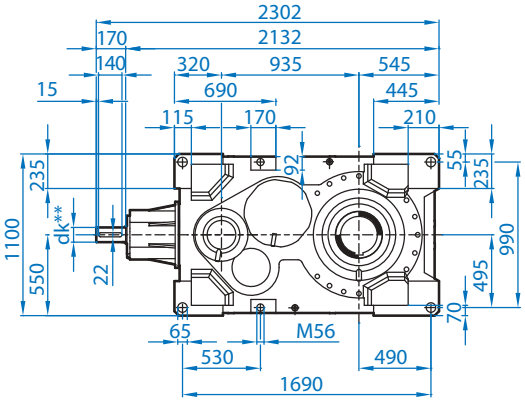



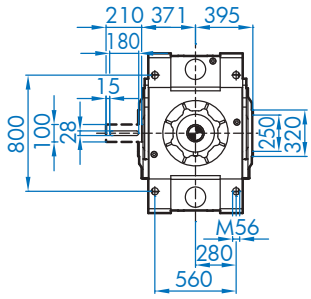

## SK 15407 / 15507 A



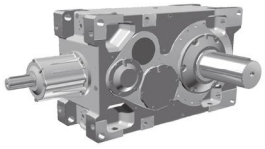


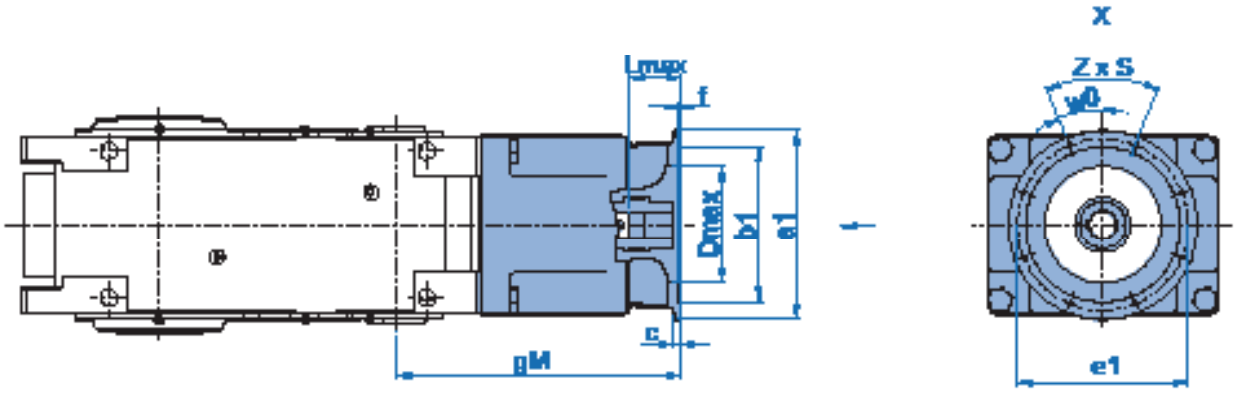




** please see 📖 221



# SK 15407 / SK 15507
# IEC & NEMA

## SK 15407 / SK 15507



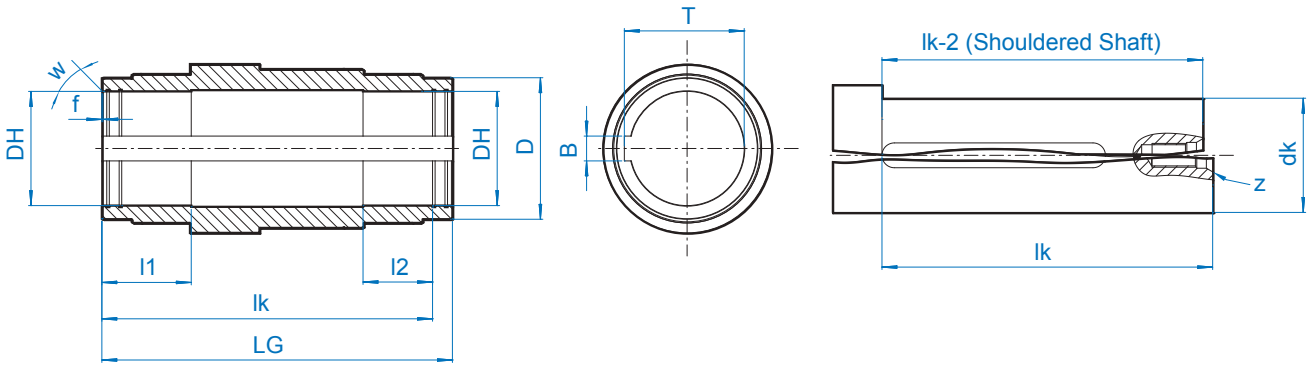

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 15407 | IEC [1] | 160 | 972 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 180 | 972 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 / 150 |
| | | 200 | 972 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 / 150 |
| | | 225 | 1002 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 / 180 |
| | | 250 | 1002 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 280 | 1002 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 / 180 |
| | | 315 | 1032 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | TN [2] | 315T | 1032 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| | | 355T | 1032 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 / 210 |
| SK 15507 | IEC [1] | 160 | 832 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 |
| | | 180 | 832 | 350 | 250 | 300 | 15 | 6,5 | 4 x 17,5 | 45,0 | 228 | 120 |
| | | 200 | 832 | 400 | 300 | 350 | 17 | 6,5 | 4 x 17,5 | 45,0 | 276 | 120 |
| | | 225 | 862 | 450 | 350 | 400 | 18 | 6,5 | 8 x 17,5 | 22,5 | 290 | 150 |
| | | 250 | 862 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 |
| | | 280 | 862 | 550 | 450 | 500 | 22 | 8,0 | 8 x M16 | 22,5 | 340 | 150 |
| | | 315 | 892 | 660 | 550 | 600 | 22 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |
| | TN [2] | 315T | 892 | 800 | 680 | 740 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |
| | | 355T | 892 | 900 | 780 | 840 | 25 | 8,0 | 8 x 22 | 22,5 | 340 | 180 |

[1] Type designation and dimensions up to 200kW correspond to NORD motors [2] Data for Transnorm motors available on request

| | | | gM | ø a1 | ø b1 | ø e1 | c | f | z x s | w0° | ø Dmax | Lmax |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 15407 | NEMA | 254/256 TC | 995 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 284/286 TC | 995 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 / 173 |
| | | 324/326 TC | 1006 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 / 184 |
| | | 364/365 TC | 1036 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 / 214 |
| | | 404/405 TC | 1050 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 / 228 |
| | | 444/445 TC | 1082 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 / 260 |
| | | 447/449 TC | 1077 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 / 255 |
| SK 15507 | NEMA | 254/256 TC | 855 | 350 | 215,9 | 184,15 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 |
| | | 284/286 TC | 855 | 350 | 266,7 | 228,6 | 38 | 4 | 4 x 1/2-13 | 45 | 220 | 143 |
| | | 324/326 TC | 866 | 400 | 317,5 | 279,4 | 51 | 4 | 4 x 5/8-11 | 45 | 265 | 154 |
| | | 364/365 TC | 896 | 450 | 317,5 | 279,4 | 52 | 4 | 4 x 5/8-11 | 45 | 280 | 184 |
| | | 404/405 TC | 910 | 550 | 317,5 | 279,4 | 70 | 6 | 4 x 5/8-11 | 45 | 330 | 198 |
| | | 444/445 TC | 942 | 550 | 406,4 | 355,6 | 102 | 6 | 4 x 5/8-11 | 45 | 330 | 230 |
| | | 447/449 TC | 937 | 660 | 406,4 | 355,6 | 67 | 6 | 4 x 5/8-11 | 45 | 330 | 225 |

# A - Keyed Hollow Shaft
# AVL2 / 3 / 4 - Agitator & Drywell Hollow Shaft

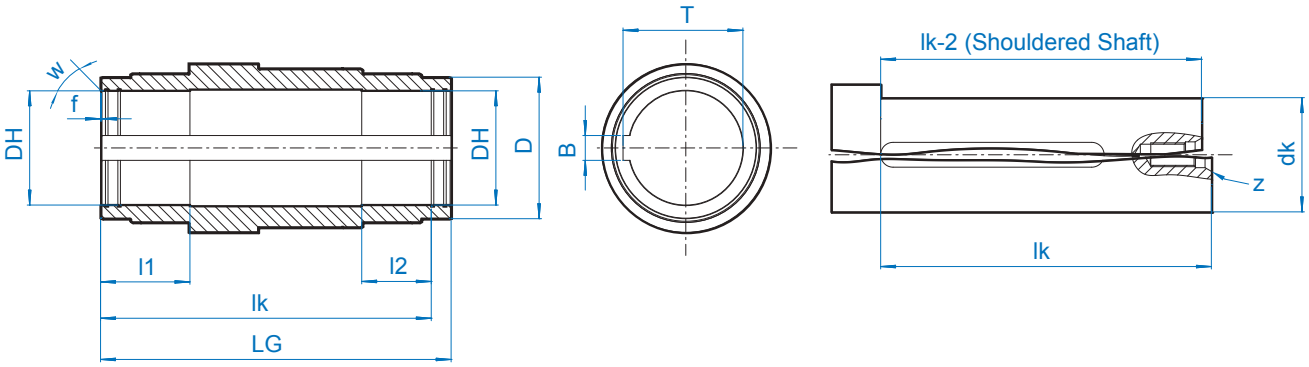
## A - Keyed Hollow Shaft & Customer Shaft Detail




| | ø DH H7 | LG | ø dk h6 | lk | lk-2 | l1 | l2 | ø D | f | w | B | T | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 105 | 385 | 105 | 355 | 353 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 6.07** | 105 | 385 | 105 | 355 | 353 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 7.07** | 125 | 394 | 125 | 359 | 357 | 100 | 65 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 8.07** | 125 | 394 | 125 | 359 | 357 | 100 | 65 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 9.07** * | 160 (145) | 506 | 160 | 486 | 484 | 130 | 110 | 220 | 2 | 30 | 40 | 169,4 | M36 |
| **SK 10.07*** | 160 (145) | 506 | 160 | 486 | 484 | 130 | 110 | 220 | 2 | 30 | 40 | 169,4 | M36 |
| **SK 11.07** | 170 | 560 | 170 | 525 | 523 | 140 | 105 | 240 | 2 | 30 | 40 | 179,4 | M36 |
| **SK 12.07** | 190 | 630 | 190 | 595 | 593 | 160 | 125 | 250 | 2 | 30 | 45 | 200,4 | M36 |
| **SK 13.07** | 230 | 706 | 230 | 666 | 664 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M48 |
| **SK 14.07** | 230 | 766 | 230 | 726 | 724 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M48 |
| **SK 15.07** | 250 | 790 | 250 | 745 | 743 | 200 | 155 | 320 | 2 | 30 | 56 | 262,4 | M48 |

* to Option DRY max. ø145

## AVL2/3/4 - Agitator & Drywell - Hollow Shaft

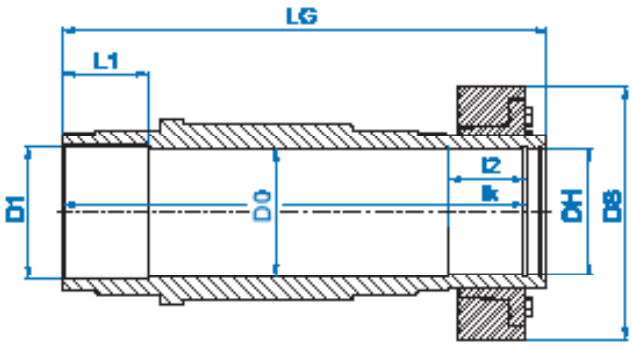


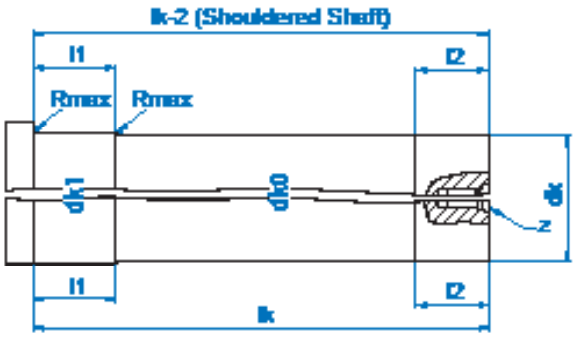

| | ø DH H7 | LG | ø dk h6 | lk | lk-2 | l1 | l2 | ø D | f | w | B | T | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 105 | 594 | 105 | 564 | 562 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 6.07** | 105 | 594 | 105 | 564 | 562 | 100 | 70 | 140 | 3 | 15 | 28 | 111,4 | M24 |
| **SK 7.07** | 125 | 682 | 125 | 647 | 645 | 100 | 80 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 8.07** | 125 | 682 | 125 | 647 | 645 | 100 | 80 | 160 | 2 | 30 | 32 | 132,4 | M24 |
| **SK 9.07** | 130 | 770,5 | 160 | 745,5 | 743,5 | 110 | 80 | 220 | 2 | 30 | 40 | 169,4 | M36 |
| **SK 10.07** | 130 | 770,5 | 160 | 745,5 | 743,5 | 110 | 80 | 220 | 2 | 30 | 40 | 169,4 | M36 |
| **SK 11.07** | 170 | 730 | 170 | 695 | 693 | 140 | 105 | 240 | 2 | 30 | 40 | 179,4 | M36 |
| **SK 12.07** | 190 | 800 | 190 | 765 | 763 | 160 | 125 | 250 | 2 | 30 | 45 | 200,4 | M36 |
| **SK 13.07** | 230 | 896 | 230 | 856 | 854 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M48 |
| **SK 14.07** | 230 | 956 | 230 | 916 | 914 | 180 | 140 | 285 | 2 | 30 | 50 | 241,4 | M48 |
| **SK 15.07** | 250 | 1040 | 250 | 995 | 993 | 200 | 155 | 320 | 2 | 30 | 56 | 262,4 | M48 |

For Tolerance Info see ⇨ 56

# AS - Shrink Disc with Hollow Shaft
# ASVL2/3 - Agitator & Drywell Hollow Shaft with Shrink Disc

## AS - Shrink Disc Hollow Shaft

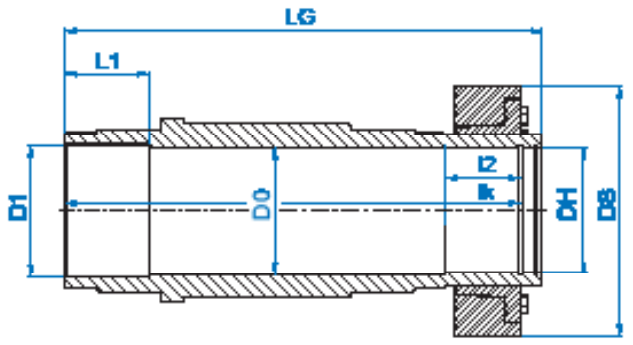


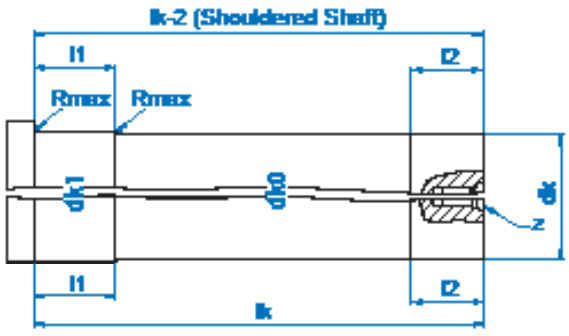




| | ø DH H7 | ø D0 | ø D1 | L1 | ø DS | LG | ø dk1 h8 | ø dk0 | ø dk | lk | lk-2 | l1 | l2 | Rmax | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 110 | 110,5 | 110 | 85 | 230 | 458 | 110 | 110 | 110 h6 | 448 | 446 | 80 | 65 | 3 | M24 |
| **SK 6.07** | 110 | 110,5 | 110 | 85 | 230 | 458 | 110 | 110 | 110 h6 | 448 | 446 | 80 | 65 | 3 | M24 |
| **SK 7.07** | 125 | 125,5 | 125 | 90 | 290 | 484 | 125 | 125 | 125 h6 | 465 | 463 | 100 | 65 | 3 | M24 |
| **SK 8.07** | 125 | 125,5 | 125 | 90 | 290 | 484 | 125 | 125 | 125 h6 | 465 | 463 | 100 | 65 | 3 | M24 |
| **SK 9.07** * | 160 (145) | 160,5 | 160 | 110 | 320 | 628 | 160 | 160 | 160 h6 | 596 | 594 | 110 | 85 | 3 | M30 |
| **SK 10.07*** | 160 (145) | 160,5 | 160 | 110 | 320 | 628 | 160 | 160 | 160 h6 | 596 | 594 | 110 | 85 | 3 | M30 |
| **SK 11.07** | 170 | 172 | 180 | 125 | 370 | 690 | 180 | 170 | 170 g6 | 658 | 656 | 125 | 105 | 5 | M30 |
| **SK 12.07** | 190 | 192 | 200 | 135 | 405 | 770 | 200 | 190 | 190 g6 | 736 | 734 | 130 | 120 | 5 | M30 |
| **SK 13.07** | 230 | 232 | 240 | 155 | 460 | 880 | 240 | 230 | 230 g6 | 838 | 836 | 150 | 135 | 5 | M36 |
| **SK 14.07** | 230 | 232 | 240 | 155 | 460 | 940 | 240 | 230 | 230 g6 | 898 | 896 | 150 | 135 | 5 | M36 |
| **SK 15.07** | 250 | 252 | 260 | 175 | 485 | 970 | 260 | 250 | 250 g6 | 928 | 926 | 175 | 150 | 5 | M36 |

* to Option DRY max. ø145

## ASVL2/3/4 - Agitator & Drywell - Hollow Shaft with Shrink Disc

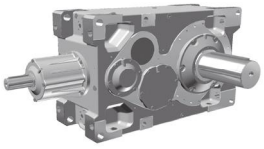


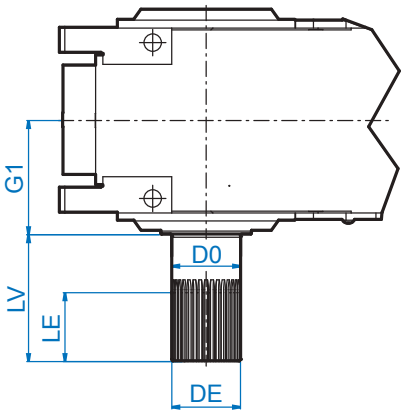

| | ø DH H7 | ø D0 | ø D1 | L1 | ø DS | LG | ø dk1 h8 | ø dk0 | ø dk | lk | lk2 | l1 | l2 | Rmax | z |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 110 | 110,5 | 110 | 85 | 230 | 667 | 110 | 110 | 110 h6 | 657 | 655 | 80 | 65 | 3 | M24 |
| **SK 6.07** | 110 | 110,5 | 110 | 85 | 230 | 667 | 110 | 110 | 110 h6 | 657 | 655 | 80 | 65 | 3 | M24 |
| **SK 7.07** | 125 | 125,5 | 125 | 90 | 300 | 767 | 125 | 125 | 125 h6 | 752 | 750 | 100 | 65 | 3 | M24 |
| **SK 8.07** | 125 | 125,5 | 125 | 90 | 300 | 767 | 125 | 125 | 125 h6 | 752 | 750 | 100 | 65 | 3 | M24 |
| **SK 9.07** | 130 | 160,5 | 160 | 110 | 320 | 889,5 | 160 | 160 | 130 h6 | 854,5 | 852,5 | 110 | 82 | 3 | M24 |
| **SK 10.07** | 130 | 160,5 | 160 | 110 | 320 | 889,5 | 160 | 160 | 130 h6 | 854,5 | 852,5 | 110 | 82 | 3 | M24 |
| **SK 11.07** | 170 | 172 | 180 | 125 | 370 | 860 | 180 | 170 | 170 g6 | 835 | 833 | 125 | 105 | 5 | M30 |
| **SK 12.07** | 190 | 192 | 200 | 135 | 405 | 940 | 200 | 190 | 190 g6 | 926 | 924 | 130 | 120 | 5 | M30 |
| **SK 13.07** | 230 | 232 | 240 | 155 | 460 | 1070 | 240 | 230 | 230 g6 | 1034 | 1032 | 155 | 135 | 5 | M36 |
| **SK 14.07** | 230 | 232 | 240 | 155 | 460 | 1130 | 240 | 230 | 230 g6 | 1084 | 1082 | 155 | 135 | 5 | M36 |
| **SK 15.07** | 250 | 252 | 260 | 175 | 485 | 1220 | 260 | 250 | 250 g6 | 1194 | 1192 | 170 | 150 | 5 | M36 |

For Tolerance info see ⇨ 56

# EV - Splined Solid Shaft
# EA - Splined Hollow Shaft

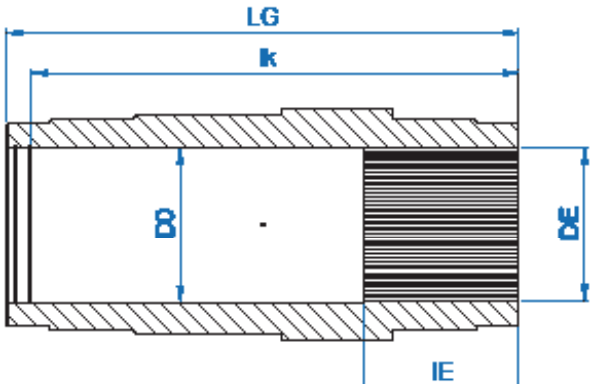


## EV - Splined Solid Shaft



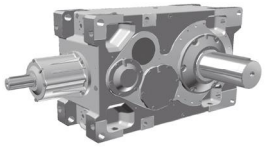

| | DE | LE | G1 | LV | ø D0 |
|---|---|---|---|---|---|
| **SK 5.07** | W 100 x 5 x 30 x 18 - DIN 5480 | 85 | 192,5 | 210 | 100 |
| **SK 6.07** | W 100 x 5 x 30 x 18 - DIN 5480 | 85 | 192,5 | 210 | 100 |
| **SK 7.07** | W 130 x 5 x 30 x 24 - DIN 5480 | 85 | 197 | 250 | 130 |
| **SK 8.07** | W 130 x 5 x 30 x 24 - DIN 5480 | 85 | 197 | 250 | 130 |
| **SK 9.07** | W 140 x 3 x 30 x 45 - DIN 5480 | 100 | 253 | 300 | 140 |
| **SK 10.07** | W 140 x 3 x 30 x 45 - DIN 5480 | 100 | 253 | 300 | 140 |
| **SK 11.07** | W 170 x 5 x 30 x 32 - DIN 5480 | 160 | 280 | 300 | 170 |
| **SK 12.07** | W 190 x 5 x 30 x 36 - DIN 5480 | 190 | 315 | 350 | 190 |
| **SK 13.07** | W 220 x 5 x 30 x 42 - DIN 5480 | 215 | 353 | 410 | 220 |
| **SK 14.07** | W 220 x 5 x 30 x 42 - DIN 5480 | 215 | 353 | 410 | 220 |
| **SK 15.07** | W 250 x 5 x 30 x 48 - DIN 5480 | 245 | 395 | 410 | 250 |

## EA - Splined Hollow Shaft



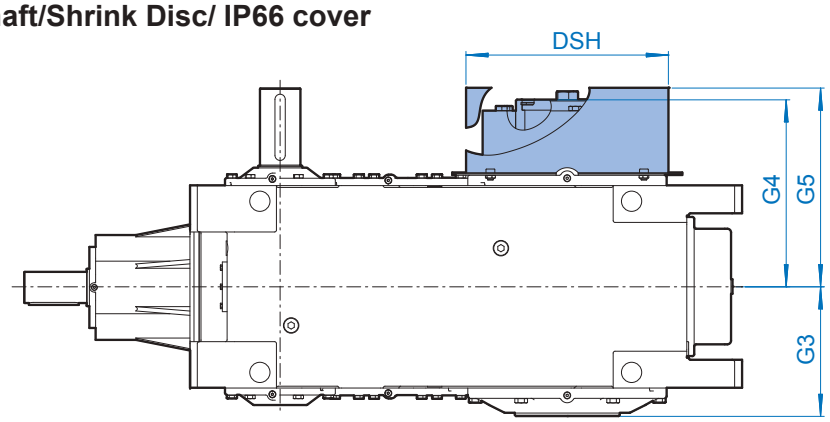

| | DE | LE | LG | ø D0 | lk |
|---|---|---|---|---|---|
| **SK 5.07** | N 100 x 5 x 30 x 18 - DIN 5480 | 85 | 385 | 100 | 355 |
| **SK 6.07** | N 100 x 5 x 30 x 18 - DIN 5480 | 85 | 385 | 100 | 355 |
| **SK 7.07** | N 130 x 5 x 30 x 24 - DIN 5480 | 85 | 394 | 130 | 374 |
| **SK 8.07** | N 130 x 5 x 30 x 24 - DIN 5480 | 85 | 394 | 130 | 374 |
| **SK 9.07** * | N 140 x 3 x 30 x 45 - DIN 5480 | 100 | 506 | 140 | 476 |
| **SK 10.07*** | N 140 x 3 x 30 x 45 - DIN 5480 | 100 | 506 | 140 | 476 |
| **SK 11.07** | N 170 x 5 x 30 x 32 - DIN 5480 | 160 | 560 | 170 | 525 |
| **SK 12.07** | N 190 x 5 x 30 x 36 - DIN 5480 | 190 | 630 | 190 | 595 |
| **SK 13.07** | N 220 x 5 x 30 x 42 - DIN 5480 | 215 | 706 | 220 | 666 |
| **SK 14.07** | N 220 x 5 x 30 x 42 - DIN 5480 | 215 | 706 | 220 | 666 |
| **SK 15.07** | N 250 x 5 x 30 x 48 - DIN 5480 | 245 | 790 | 250 | 745 |

* Deviating dimensions with option DRY, please contact NORD DRIVESYSTEMS.



# H/H66 - Hollow Shaft Shrink Disc/IP66 Cover B - Fixing Kit

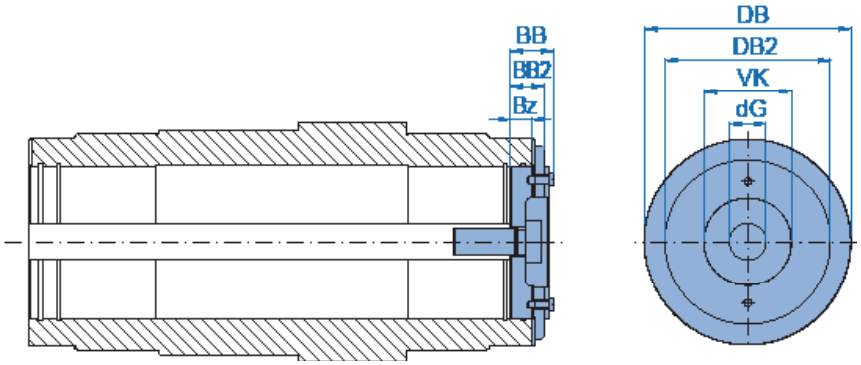
## H/H66 - Hollow Shaft/Shrink Disc/ IP66 cover




| | ø DSH | G3 | G4 | G5 |
|---|---|---|---|---|
| **SK 5.07** | 258 | 192,5 | 255,5 | 287,5 |
| **SK 6.07** | 258 | 192,5 | 255,5 | 287,5 |
| **SK 7.07** | 319 | 199 | 286 | 308 |
| **SK 8.07** | 319 | 199 | 286 | 308 |
| **SK 9.07** | 453 | 253 | 373 | 393 |
| **SK 10.07** | 453 | 253 | 373 | 393 |
| **SK 11.07** | 460 | 280 | 410 | 440 |
| **SK 12.07** | 500 | 315 | 455 | 480 |
| **SK 13.07** | 550 | 353 | 527 | 555 |
| **SK 14.07** | 550 | 383 | 557 | 585 |
| **SK 15.07** | 630 | 395 | 575 | 605 |

**Other cover sizes available upon request**

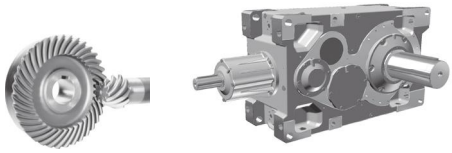
## B - Fixing Kit



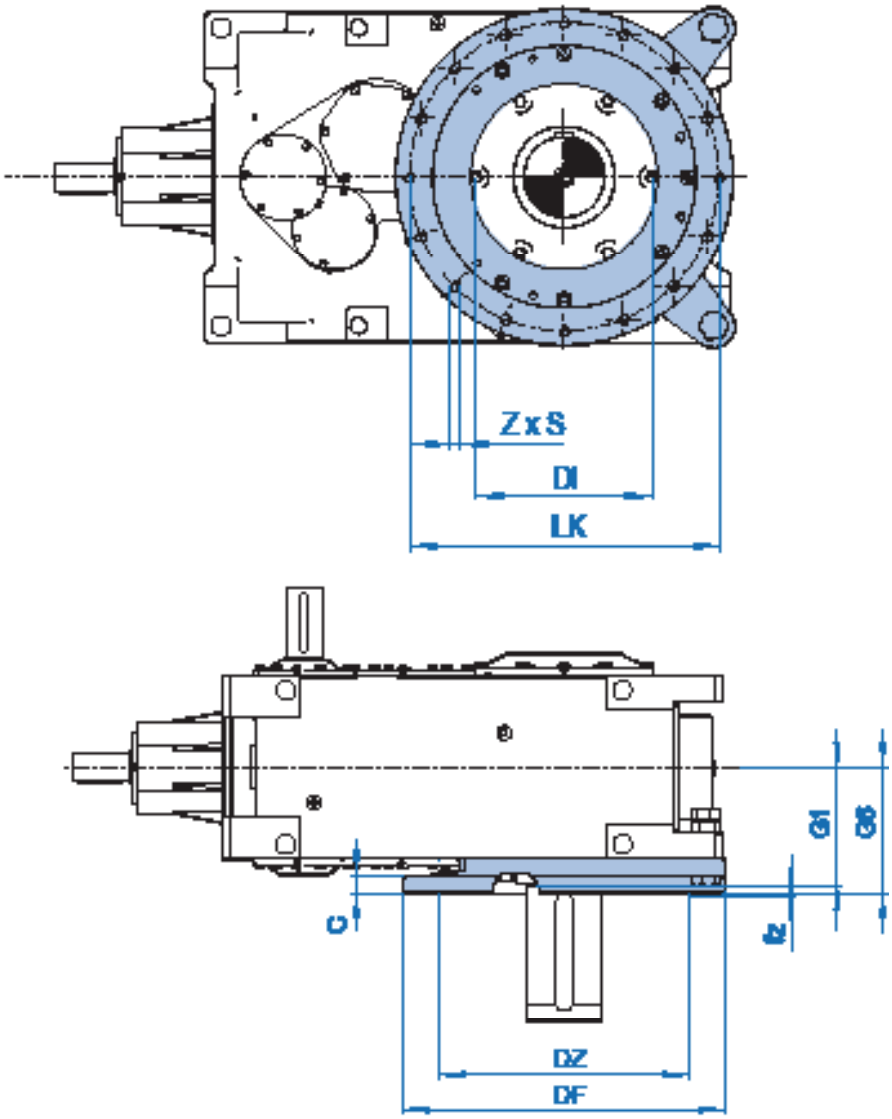

| | ø DB | ø DB2 | ø VK | BB | BB2 | Bz | ø dG |
|---|---|---|---|---|---|---|---|
| **SK 5.07** | 135 | - | 62 | 30,0 | 30,0 | 10,0 | 26 (M24) |
| **SK 6.07** | 135 | - | 62 | 30,0 | 30,0 | 10,0 | 26 (M24) |
| **SK 7.07** | 155 | 124,8 | 49 | 27,0 | 22,0 | 10,0 | 26 (M24) |
| **SK 8.07** | 155 | 124,8 | 49 | 27,0 | 22,0 | 10,0 | 26 (M24) |
| **SK 9.07** | 215 | 159,8 | 100 | 42,5 | 27,5 | 15,5 | 39 (M36) |
| **SK 10.07** | 215 | 159,8 | 100 | 42,5 | 27,5 | 15,5 | 39 (M36) |
| **SK 11.07** | 215 | 169,8 | 100 | 42,5 | 37,5 | 27,5 | 39 (M36) |
| **SK 12.07** | 235 | 189,8 | 100 | 44,5 | 39,5 | 29,5 | 39 (M36) |
| **SK 13.07** | 275 | 229,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |
| **SK 14.07** | 275 | 229,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |
| **SK 15.07** | 295 | ø 249,8 | 100 | 56,5 | 51,5 | 36,5 | 52 (M48) |

**Other sizes available upon request**

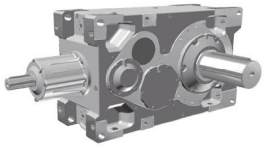
For Tolerance Info sSee ⇨ 56



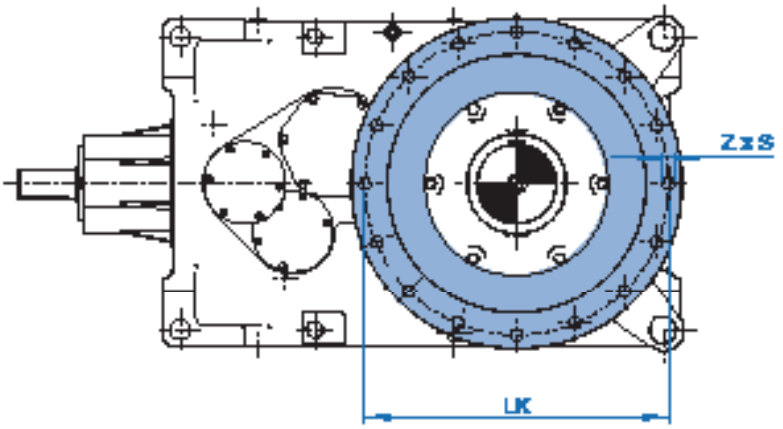
## F - Low Output Flange

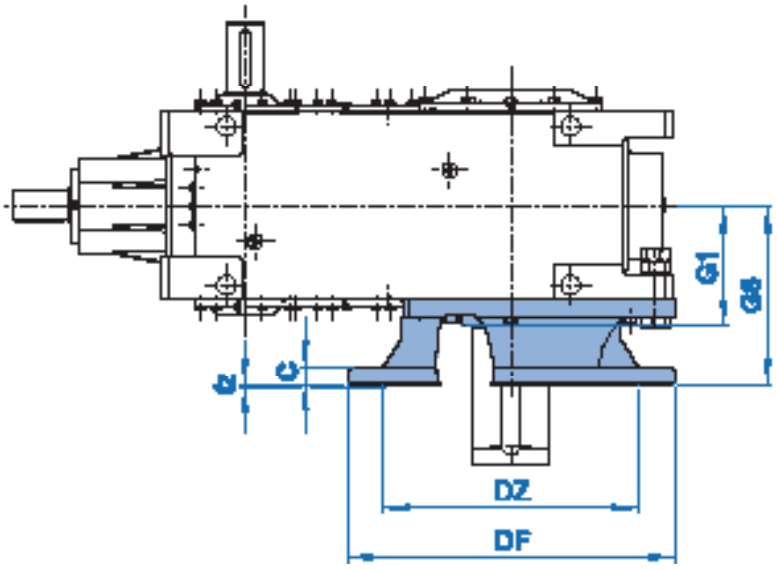



| | ø DF | G1 | G6 | ø LK | ø DZ | ø DI | c | fz | z | s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | M16 |
| **SK 6.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | M16 |
| **SK 7.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | M16 |
| **SK 8.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | M16 |
| **SK 9.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | M24 |
| **SK 10.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | M24 |
| **SK 11.07** | 730 | 280 | 300 | 680 | 580 | 420 | 40 | 5 | 12 | M24 |
| **SK 12.07** | 840 | 315 | 340 | 760 | 650 | 470 | 50 | 5 | 12 | M30 |
| **SK 13.07** | 960 | 353 | 375 | 880 | 750 | 530 | 50 | 5 | 16 | M30 |
| **SK 14.07** | 960 | 383 | 405 | 880 | 750 | 530 | 50 | 5 | 16 | M30 |
| **SK 15.07** | 1100 | 395 | 435 | 980 | 900 | 600 | 60 | 10 | 16 | M36 |

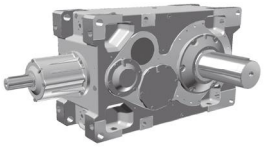


## FK - High Output Flange



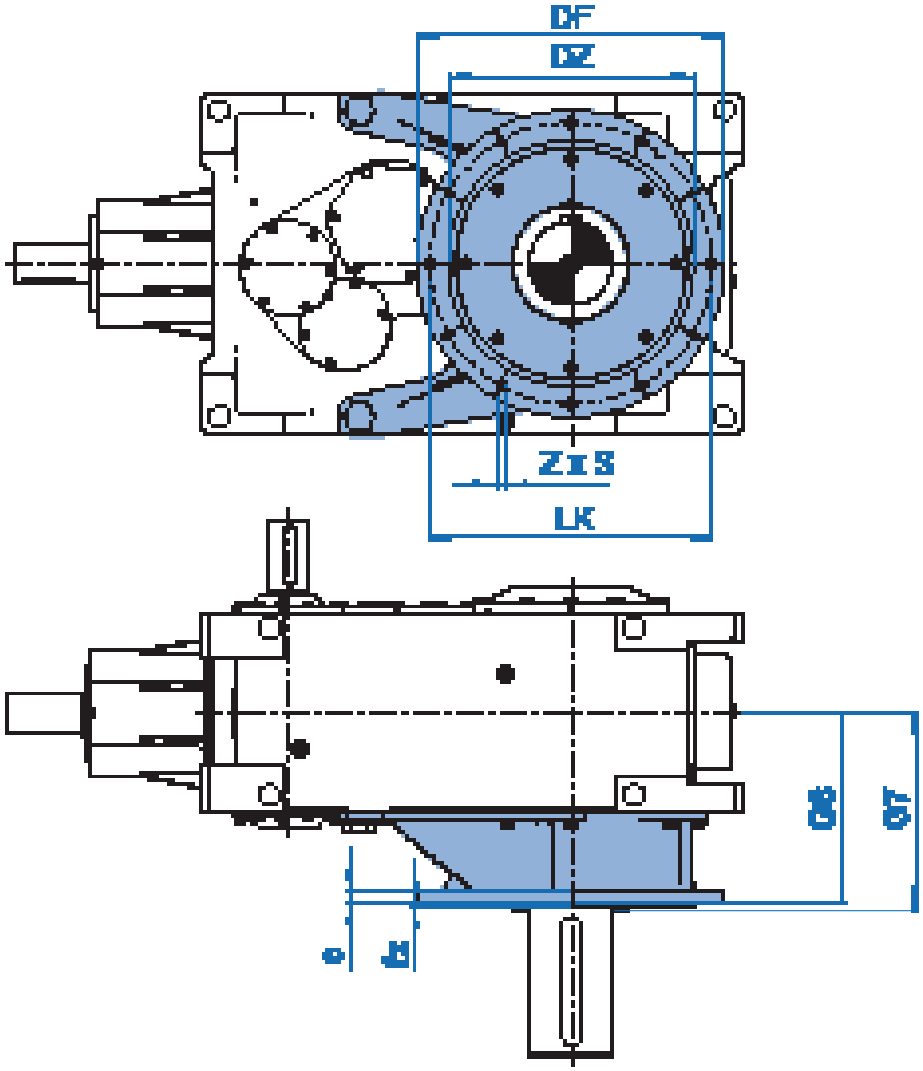




| | ø DF | G1 | G6 | ø LK | DZ | DI | c | fz | z | ø s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 450 | 192,5 | 234,5 | 400 | 350 | 250 | 22 | 5 | 8 | 17,5 |
| **SK 6.07** | 450 | 192,5 | 234,5 | 400 | 350 | 259 | 22 | 5 | 8 | 17,5 |
| **SK 7.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | 17,5 |
| **SK 8.07** | 550 | 197 | 237 | 500 | 450 | 308 | 28 | 5 | 8 | 17,5 |
| **SK 9.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | 26 |
| **SK 10.07** | 660 | 253 | 297,5 | 600 | 550 | 434 | 35 | 8 | 8 | 26 |
| **SK 11.07** | 730 | 280 | 420 | 680 | 560 | 420 | 40 | 5 | 12 | 26 |
| **SK 12.07** | 840 | 315 | 470 | 760 | 650 | 470 | 35 | 5 | 16 | 33 |
| **SK 13.07** | 960 | 353 | 525 | 880 | 750 | 530 | 50 | 5 | 16 | 33 |
| **SK 14.07** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SK 15.07** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

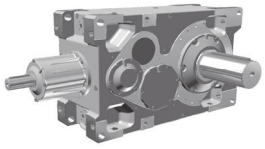




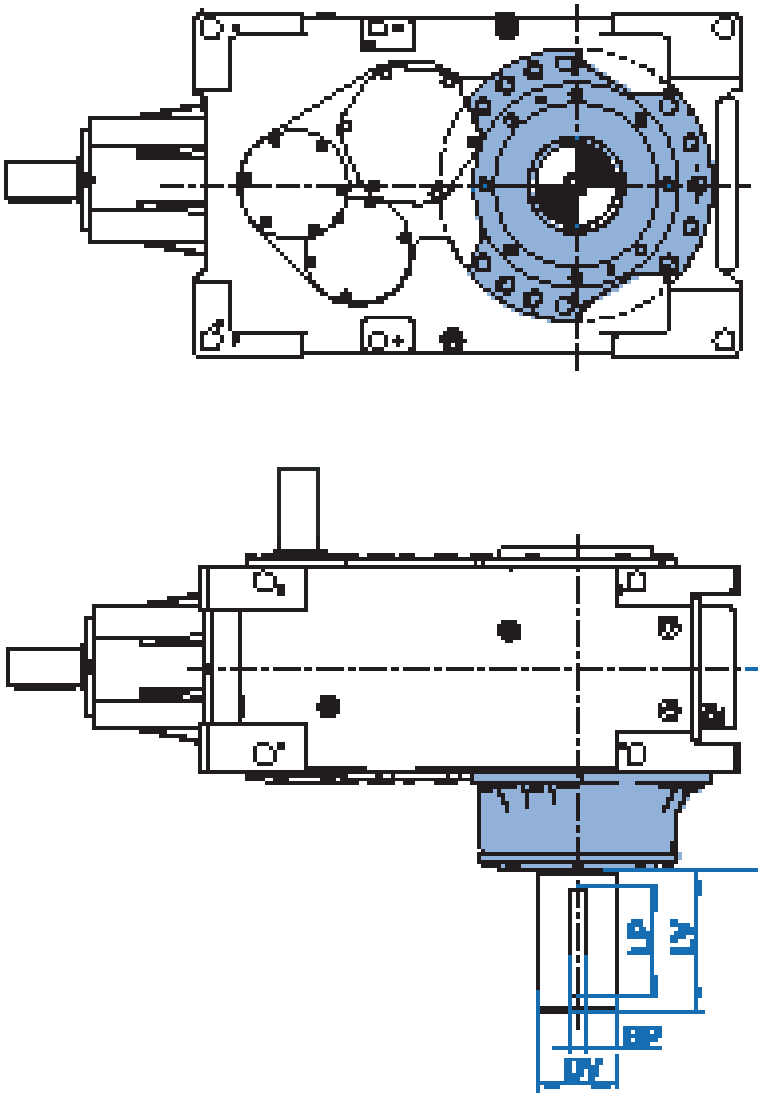
## FVL2/FVL3/FVL4 - Agitator & Drywell Flange



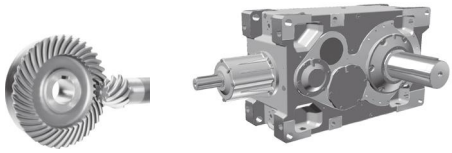

| | G7 | G8 | ø DF | ø DZ | ø LK | fz | c | z | s |
|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 401,5 | 396,5 | 550 | 450 | 500 | 5 | 29,5 | 8 | 17,5 |
| **SK 6.07** | 401,5 | 396,5 | 550 | 450 | 500 | 5 | 29,5 | 8 | 17,5 |
| **SK 7.07** | 485 | 477 | 660 | 550 | 600 | 6 | 28,5 | 8 | 22 |
| **SK 8.07** | 485 | 477 | 660 | 550 | 600 | 6 | 28,5 | 8 | 22 |
| **SK 9.07** | 517,5 | 509,5 | 660 | 550 | 600 | 8 | 35 | 8 | 26 |
| **SK 10.07** | 517,5 | 509,5 | 660 | 550 | 600 | 8 | 35 | 8 | 26 |
| **SK 11.07** | 450 | 440 | 675 | 540 | 620 | 5 | 40 | 10 | 22 |
| | 465 | 455 | 760 | 600 | 700 | 5 | 50 | 12 | 22 |
| **SK 12.07** | 485 | 470 | 760 | 600 | 700 | 5 | 50 | 12 | 22 |
| **SK 13.07** | 543 | 530 | 850 | 680 | 780 | 5 | 50 | 12 | 26 |
| **SK 14.07** | 575 | 560 | 850 | 680 | 780 | 5 | 50 | 12 | 26 |
| **SK 15.07** | 645 | 630 | 1000 | 800 | 930 | 8 | 60 | 16 | 33 |



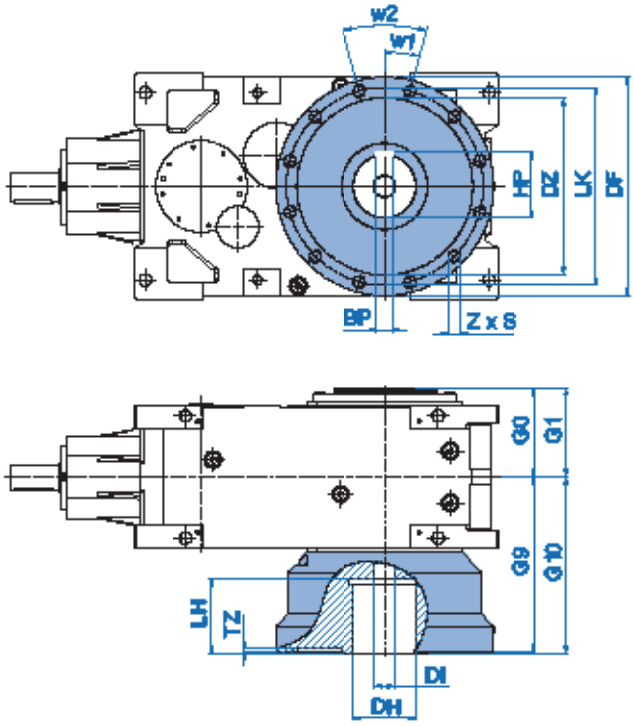
## VL6 - Agitator Without Flange



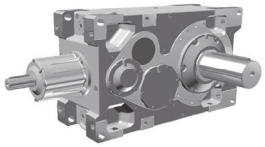
| | G1 | LV | ø DV | LP | BP |
|---|---|---|---|---|---|
| **SK 5.07** | 401,5 | 210 | 120 | 180 | 32 |
| **SK 6.07** | 401,5 | 210 | 120 | 180 | 32 |
| **SK 7.07** | 485 | 250 | 140 | 200 | 36 |
| **SK 8.07** | 485 | 250 | 140 | 200 | 36 |
| **SK 9.07** | 517,5 | 300 | 160 | 260 | 40 |
| **SK 10.07** | 517,5 | 300 | 160 | 260 | 40 |
| **SK 11.07** | 450 | 300 | 170 | 260 | 40 |
| **SK 12.07** | 505 | 350 | 200 | 300 | 45 |
| **SK 13.07** | 542 | 410 | 230 | 350 | 50 |
| **SK 14.07** | 572 | 410 | 250 | 360 | 56 |
| **SK 15.07** | 645 | 410 | 250 | 360 | 56 |



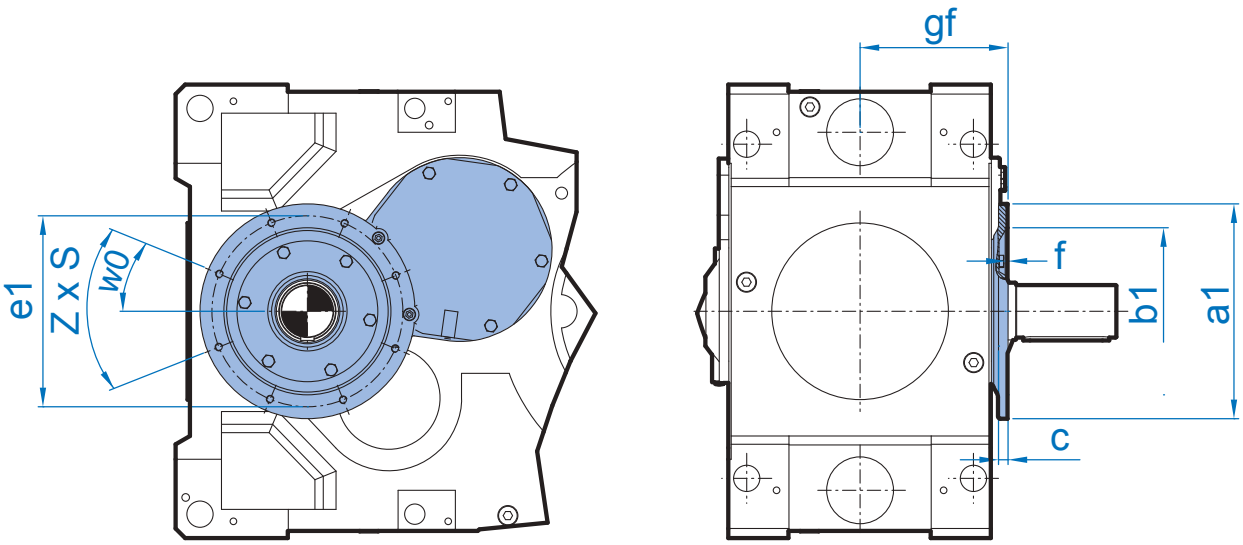
## VL5 - Extruder Flange



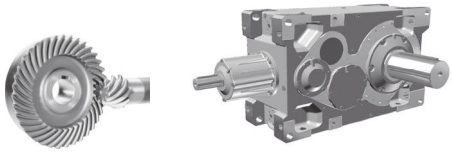

| | Bearing type APRL | BP | DF | DH | DI | DZ | G0 | G1 | G9 | G10 | HP | LH | LK | Z | S | TZ | w1 | w2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5.07<br>SK 6.07 | 29 432 | 28 | 470 | 100 | 60 | 390 | 207,5 | 212,5 | 408,5 | 413,5 | 106,4 | 170 | 430 | 8 | M30x50 | 10 | 22,5 | 45 |
| | 29 436 | 32 | 470 | 120 | 60 | 390 | 207,5 | 212,5 | 408,5 | 413,5 | 127,4 | 170 | 430 | 8 | M30x50 | 10 | 22,5 | 45 |
| SK 7.07<br>SK 8.07 | 29 436 | 32 | 560 | 120 | 60 | 460 | 210 | 215 | 450 | 455 | 127,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 440 | 32 | 560 | 130 | 60 | 460 | 210 | 215 | 450 | 455 | 137,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 444 | 36 | 560 | 150 | 60 | 460 | 210 | 215 | 450 | 455 | 158,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| SK 9..07<br>SK10..07 | 29 440 | 32 | 560 | 130 | 60 | 460 | 253 | 258 | 482,5 | 487,5 | 137,4 | 215 | 510 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 444 | 36 | 560 | 150 | 60 | 460 | 253 | 258 | 482,5 | 487,5 | 158,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 452 | 45 | 630 | 180 | 60 | 510 | 253 | 258 | 505 | 510 | 190,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| SK11..07 | 29 452 | 45 | 630 | 180 | 60 | 510 | 268 | 273 | 510 | 515 | 190,4 | 215 | 570 | 12 | M36x58 | 10 | 15 | 30 |
| | 29 456 | 45 | 680 | 200 | 60 | 550 | 268 | 273 | 528 | 533 | 210,4 | 300 | 615 | 12 | M36x58 | 10 | 15 | 30 |



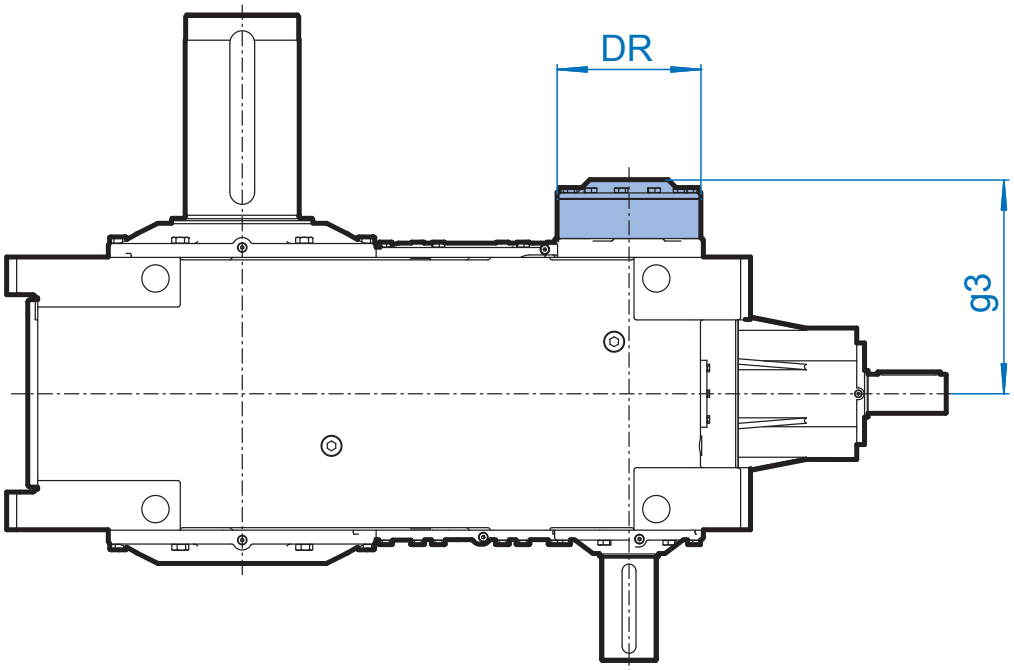
## F1 - Input Flange



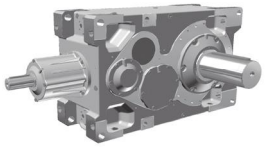

| | gf | ø a1 | ø b1 | ø e1 | c | f | w0° | z x s |
|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 200,5 | 300 | 230 | 265 | 20 | 6 | 22,5 | 8 x M12 |
| **SK 6.07** | 200,5 | 300 | 230 | 265 | 20 | 6 | 22,5 | 8 x M12 |
| **SK 7.07** | 203,5 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 8.07** | 203,5 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 9.07** | 236 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 10.07** | 236 | 350 | 250 | 300 | 20 | 6 | 22,5 | 8 x M16 |
| **SK 11.07** | 255 | 450 | 350 | 400 | 20 | 6,5 | 22,5 / 27,5 | 8 x M16 |
| **SK 12.07** | 290 | 550 | 450 | 500 | 25 | 6,5 | 21,5 | 8 x M16 |
| **SK 13.07** | 315 | 550 | 450 | 500 | 25 | 6,5 | 23 | 8 x M16 |
| **SK 14.07** | 345 | 550 | 450 | 500 | 25 | 6,5 | 23 | 8 x M16 |
| **SK 15.07** | 370 | 550 | 450 | 500 | 25 | 6,5 | 24 | 8 x M16 |



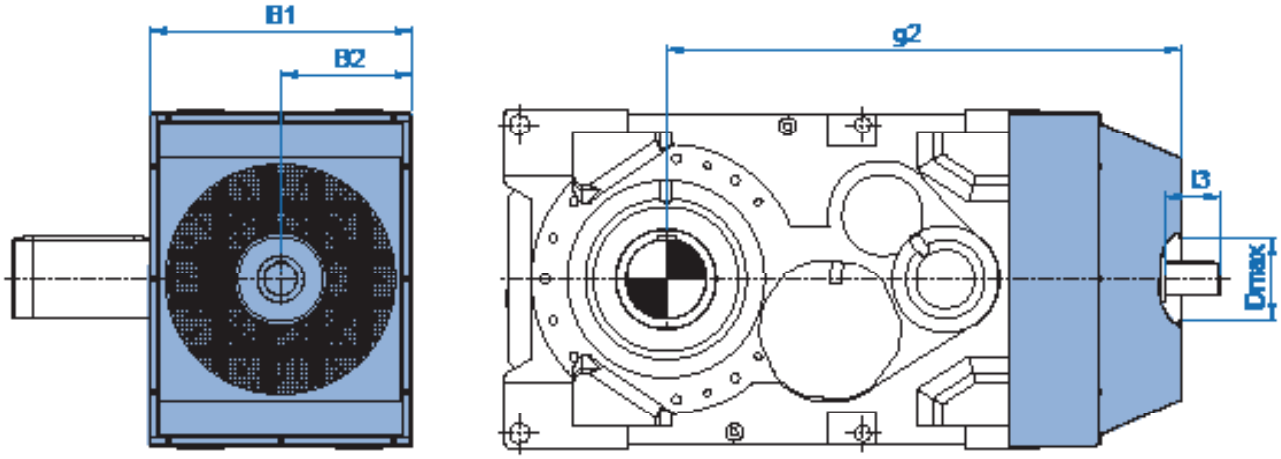
## R - Backstop



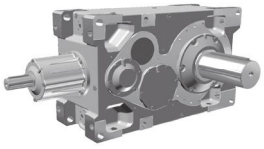

| | $i_N$ - Ratio | DR | g3 |
|---|---|---|---|
| **SK 5407** | 18,0 - 100 | 175 | 283 |
| **SK 5507** | 112,0 - 400 | 150 | 265,5 |
| **SK 6407** | 20,0 - 112 | 175 | 283 |
| **SK 6507** | 125,0 - 450 | 150 | 265,5 |
| **SK 7407** | 18,0 - 100 | 190 | 297 |
| **SK 7507** | 112,0 - 400 | 175 | 288 |
| **SK 8407** | 20,0 - 112 | 190 | 297 |
| **SK 8507** | 125,0 - 450 | 175 | 288 |
| **SK 9407** | 18,0 - 100 | 210 | 329,5 |
| **SK 9507** | 112,0 - 400 | 190 | 326,5 |
| **SK 10407** | 20,0 - 112 | 210 | 329,5 |
| **SK 10507** | 125,0 - 450 | 190 | 326,5 |
| **SK 11407** | 11,2 - 80 | 245 | 360 |
| **SK 11507** | 112,0 - 400 | 190 | 340 |
| | 80,0 - 100 | 210 | 350 |
| **SK 12407** | 112,6 - 71 | 290 | 415 |
| **SK 12507** | 80,0 - 400 | 210 | 385 |
| **SK 13407** | 12,6 - 71 | 290 | 431 |
| **SK 13507** | 80,0 - 400 | 210 | 416,5 |
| **SK 14407** | 20,0 - 90 | 290 | 465 |
| **SK 14507** | 111,0 - 400 | 210 | 445 |
| **SK 15407** | 12,6 - 71 | 400 | 510 |
| **SK 15507** | 80,0 - 400 | 290 | 485 |



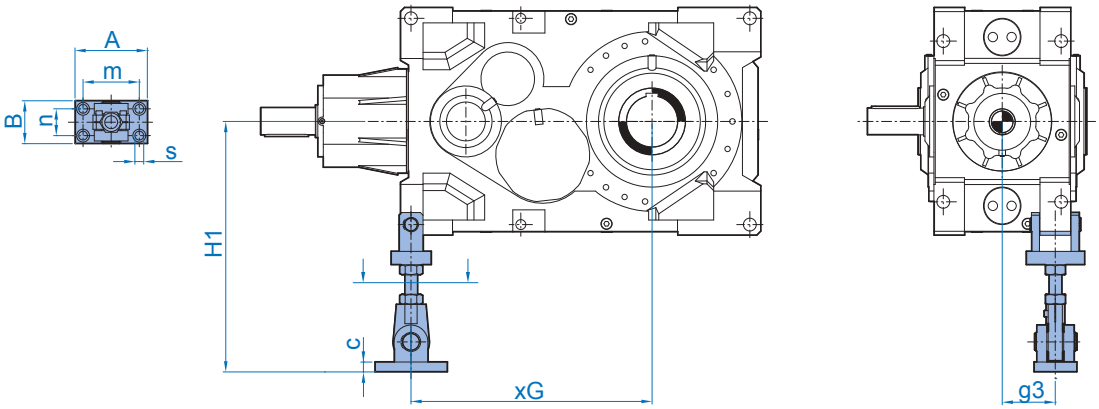
## FAN - Fan




| FAN | $i_N$ | B1 | B2 | g2 | l3 | ø Dmax |
|---|---|---|---|---|---|---|
| SK 5407 | 18,0 - 100 | 427 | 213,5 | 714 | 54 | 184 |
| SK 5507 | 112,0 - 400 | 427 | 213,5 | 664 | 39 | 184 |
| SK 6407 | 20,0 - 112 | 427 | 213,5 | 739 | 54 | 184 |
| SK 6507 | 125,0 - 450 | 427 | 213,5 | 689 | 39 | 184 |
| SK 7407 | 18,0 - 50 | 438 | 219 | 848,5 | 74 | 170 |
| | 56,0 - 100 | | | | 44 | |
| SK 7507 | 112,0 - 400 | 438 | 219 | 796,5 | 24 | 170 |
| SK 8407 | 20,0 - 56 | 438 | 219 | 873,5 | 74 | 170 |
| | 63,0 - 112 | | | | 44 | |
| SK 8507 | 125,0 - 450 | 438 | 219 | 821,5 | 44 | 170 |
| SK 9407 | 18,0 - 50 | 503 | 251,5 | 968,5 | 74 | 170 |
| | 56,0 - 100 | | | | 64 | |
| SK 9507 | 112,0 - 400 | 503 | 251,5 | 938,5 | 44 | 170 |
| SK 10407 | 20,0 - 56 | 503 | 251,5 | 998,5 | 74 | 170 |
| | 63,0 - 112 | | | | 64 | |
| SK 10507 | 125,0 - 450 | 503 | 251,5 | 978,5 | 44 | 170 |
| SK 11407 | 12,6 - 45 | 574 | 287 | 1125 | 100 | 210 |
| | 50,0 - 71 | | | | 70 | |
| SK 11507 | 80,0 - 400 | 574 | 287 | 1050 | 70 | 210 |
| SK 12407 | 12,6 - 45 | 654 | 327 | 1280 | 135 | 220 |
| | 50,0 - 71 | | | | 105 | |
| SK 12507 | 80,0 - 400 | 654 | 327 | 1190 | 75 | 220 |
| SK 13407 | 12,6 - 45 | 704 | 352 | 1425 | 135 | 240 |
| | 50,0 - 71 | | | | 105 | |
| SK 13507 | 80,0 - 400 | 704 | 352 | 1365 | 105 | 240 |
| SK 14407 | 20,0 - 50 | 750 | 375 | 1485 | 135 | 240 |
| | 55,0 - 90 | | | | 105 | |
| SK 14507 | 100,0 - 400 | 750 | 375 | 1485 | 105 | 240 |
| SK 15407 | 12,6 - 45 | 814 | 407 | 1665 | 160 | 250 |
| | 50,0 - 71 | | | | 130 | |
| SK 15507 | 80,0 - 400 | 814 | 407 | 1585 | 100 | 250 |

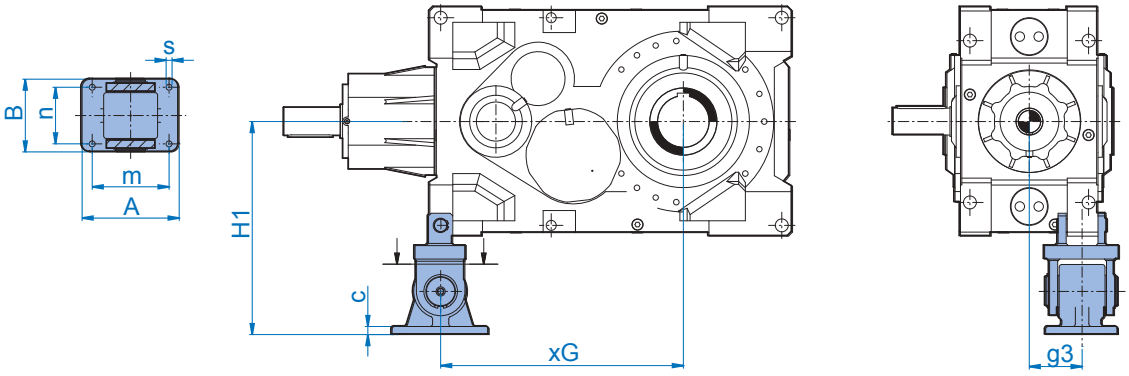


## D - Torque Support

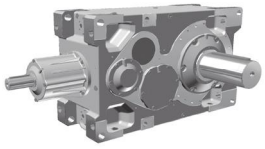



| | H1max | H1min | xG | g3 | c | A | B | m | n | s |
|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 615 | 595 | 475 | 148,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 6.07** | 615 | 595 | 500 | 148,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 7.07** | 645 | 605 | 550 | 150,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 8.07** | 685 | 635 | 575 | 150,5 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 9.07** | 715 | 675 | 692,5 | 174 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 10.07** | 765 | 710 | 722,5 | 174 | 19 | 200 | 160 | 160 | 120 | 17,5 |
| **SK 11.07** | 865 | 815 | 800 | 165 | 29 | 240 | 220 | 180 | 160 | 22 |
| **SK 12.07** | 935 | 885 | 900 | 195 | 29 | 290 | 250 | 220 | 180 | 26 |
| **SK 13.07** | 990 | 940 | 1005 | 210 | 29 | 290 | 250 | 220 | 180 | 26 |
| **SK 14.07** | 1080 | 1030 | 1060 | 240 | 39 | 330 | 300 | 250 | 220 | 33 |
| **SK 15.07** | 1120 | 1070 | 1200 | 247,5 | 39 | 330 | 300 | 250 | 220 | 33 |

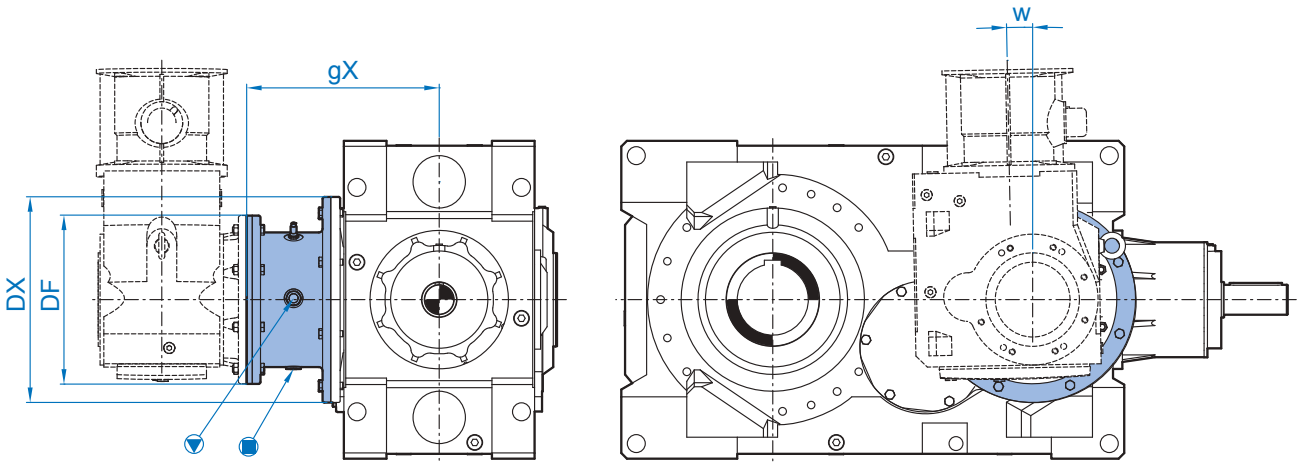
## ED - Elastic Torque Support



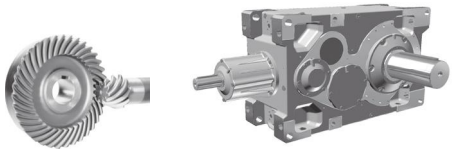

| | H1 | xG | g3 | c | A | B | m | n | s |
|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 460 | 475 | 148,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 6.07** | 460 | 500 | 148,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 7.07** | 490 | 550 | 150,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 8.07** | 530 | 575 | 150,5 | 21 | 200 | 160 | 160 | 120 | 17 |
| **SK 9.07** | 655 | 692,5 | 174 | 25 | 260 | 200 | 190 | 140 | 22 |
| **SK 10.07** | 705 | 722,5 | 174 | 25 | 260 | 200 | 190 | 140 | 22 |
| **SK 11.07** | 740 | 800 | 167,5 | 30 | 360 | 270 | 285 | 210 | 22 |
| **SK 12.07** | 790 | 900 | 196 | 30 | 360 | 270 | 285 | 210 | 22 |
| **SK 13.07** | 890 | 1005 | 210 | 40 | 400 | 320 | 310 | 230 | 33 |
| **SK 14.07** | 940 | 1060 | 240 | 40 | 400 | 320 | 310 | 230 | 33 |
| **SK 15.07** | 980 | 1200 | 245,5 | 40 | 400 | 320 | 310 | 230 | 33 |



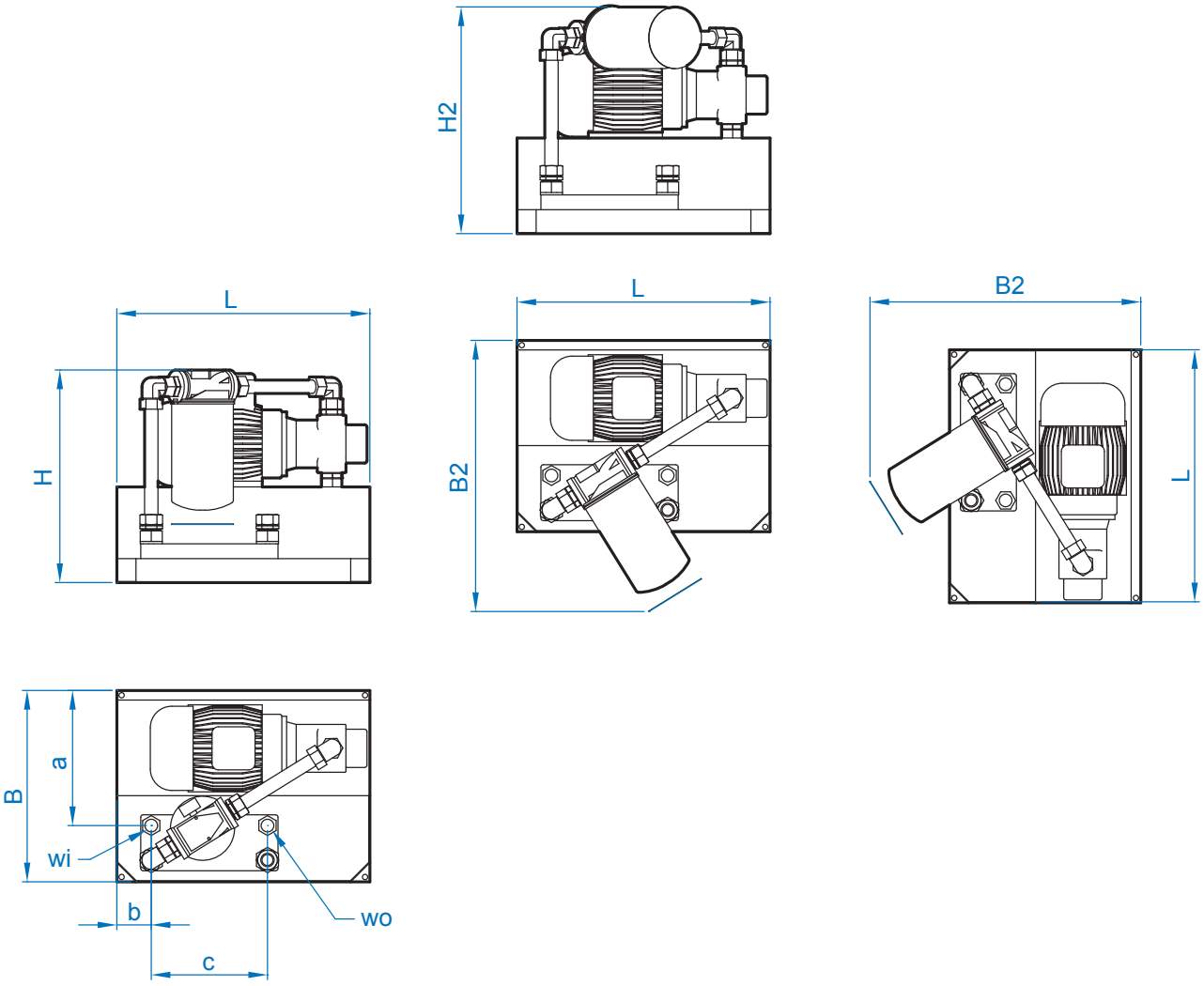
## WX - Auxillary Drive



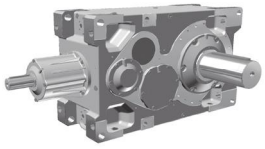

| | | ø DX | ø DF | gX | w |
|---|---|---|---|---|---|
| SK 5..07 | SK 9022.1 VF | 300 | 250 | 345,5 | 0° |
| | SK 9032.1 VF | 300 | 250 | 345,5 | 0° |
| SK 6..07 | SK 9022.1 VF | 300 | 250 | 345,5 | 0° |
| | SK 9032.1 VF | 300 | 250 | 345,5 | 0° |
| SK 7..07 | SK 9022.1 VF | 350 | 250 | 371,5 | 0° |
| | SK 9042.1 VF | 350 | 350 | 371,5 | 0° |
| SK 8..07 | SK 9022.1 VF | 350 | 250 | 371,5 | 0° |
| | SK 9042.1 VF | 350 | 350 | 371,5 | 0° |
| SK 9..07 | SK 9032.1 VF | 350 | 250 | 404 | 0° |
| | SK 9042.1 VF | 350 | 350 | 404 | 0° |
| SK 10..07 | SK 9032.1 VF | 350 | 250 | 404 | 0° |
| | SK 9042.1 VF | 350 | 350 | 404 | 0° |
| SK 11..07 | SK 9052.1 VF | 450 | 450 | 465 | 0° |
| | SK 9072.1 VF | 450 | 450 | 445 | 0° |
| SK 12..07 | SK 9072.1 VF | 550 | 450 | 545 | 0° |
| | SK 9082.1 VF | 550 | 450 | 515 | 0° |
| SK 13..07 | SK 9072.1 VF | 550 | 450 | 565 | 0° |
| | SK 9082.1 VF | 550 | 450 | 535 | 0° |
| SK 14..07 | SK 9072.1 VF | 550 | 450 | 595 | 0° |
| | SK 9082.1 VF | 550 | 450 | 565 | 0° |
| SK 15..07 | SK 9082.1 VF | 550 | 550 | 655 | 0° |
| | SK 9092.1 VF | 550 | 660 | 620 | 0° |



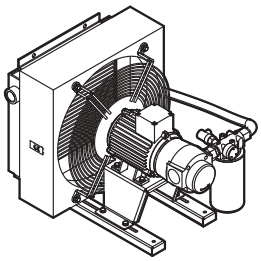
## CS1 - Water Cooler

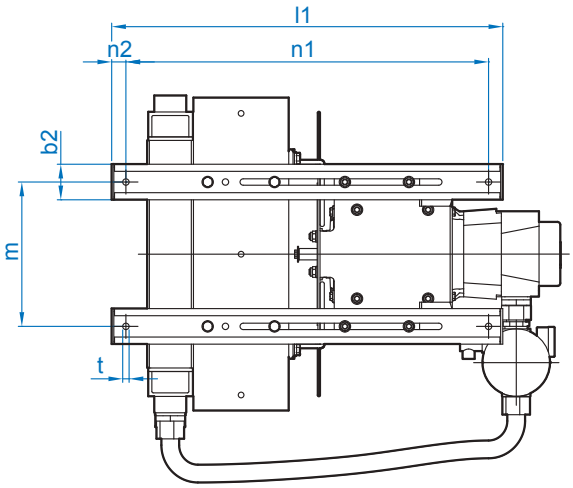


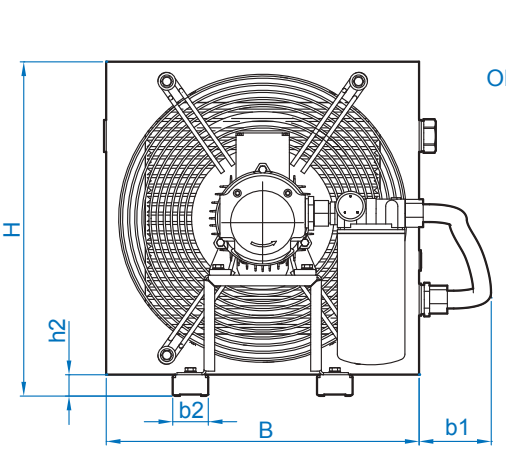

| | L | B | B2 | H | H2 | a | b | c | wi | wo |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 480 | 420 | 500 | 400 | 430 | 250 | 80 | 278 | G 1/2 | G 1/2 |
| B | 520 | 394 | 530 | 431 | 450 | 287 | 175.5 | 234 | G 3/4 | G 3/4 |
| C | 520 | 394 | 530 | 431 | 450 | 287 | 175.5 | 234 | G 3/4 | G 3/4 |
| D | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4 | G 3/4 |
| E | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4 | G 3/4 |
| F | 530 | 450 | 570 | 450 | 480 | 282 | 70 | 243 | G 3/4 | G 3/4 |
| G | 600 | 550 | 650 | 500 | 530 | 340 | 50 | 320 | G 1 | G 1 |
| H | 600 | 550 | 650 | 500 | 530 | 340 | 50 | 320 | G 1 | G 1 |

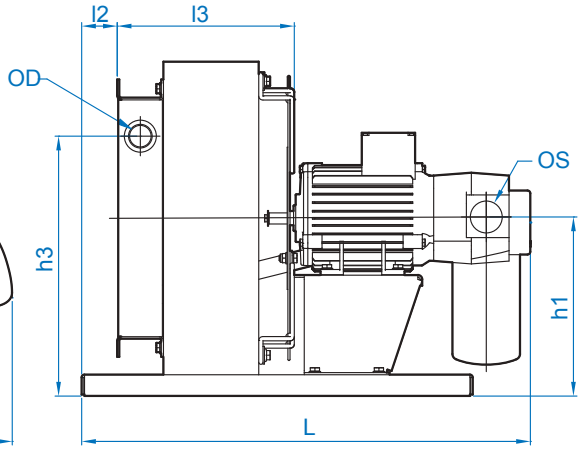


## CS2 - Air Cooler

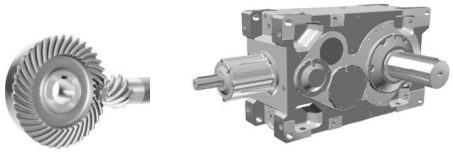




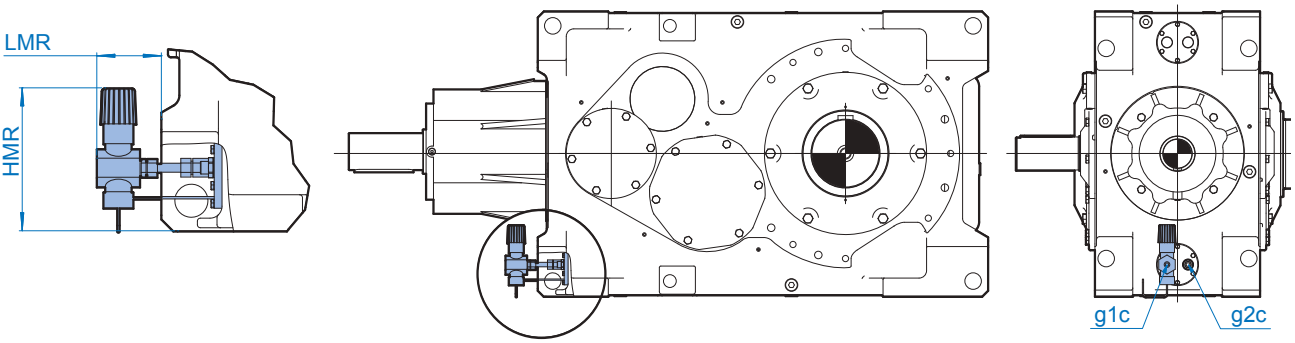




| | L | l1 | l2 | l3 | B | b1 | b2 | H | h1 | h2 | h3 | n1 | n2 | m | t | os | od |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AA** | 595 | 530 | 20 | 150 | 350 | 120 | 40 | 460 | 255 | 5 | 440 | 330 | 100 | 174 | 4x Ø13,5 | G 3/4 | G 1 |
| **A** | 630 | 530 | 20 | 170 | 450 | 65 | 40 | 550 | 300 | 5 | 530 | 330 | 100 | 200 | 4x Ø13,5 | G 3/4 | G 1 |
| **B** | 630 | 530 | 20 | 170 | 450 | 65 | 40 | 550 | 300 | 5 | 530 | 330 | 100 | 200 | 4x Ø13,5 | G 3/4 | G 1 |
| **C** | 685 | 550 | 20 | 225 | 450 | 75 | 40 | 550 | 300 | 5 | 480 | 400 | 75 | 200 | 4x Ø13,5 | G 1 | G 1 |
| **D** | 825 | 720 | 40 | 200 | 460 | 140 | 50 | 700 | 405 | 5 | 660 | 2x 330 | 30 | 130 | 6x Ø13,5 | SAE 1.1/2 | SAE 1.1/2 |
| **E** | 825 | 720 | 40 | 200 | 460 | 140 | 50 | 700 | 405 | 5 | 660 | 2x 330 | 30 | 130 | 6x Ø13,5 | SAE 1.1/2 | SAE 1.1/2 |
| **F** | 930 | 795 | 40 | 275 | 610 | 65 | 50 | 815 | 455 | 5 | 770 | 2x 367,5 | 30 | 280 | 6x Ø13,5 | SAE 1.1/2 | SAE 2 |
| **G** | 1085 | 670 | 0 | 450 | 700 | 10 | 60 | 1025 | 525 | 60 | 980 | 292 | 358 | 280 | 4x Ø14 | SAE 1.1/2 | SAE 2 |
| **H** | 1125 | 615 | 20 | 410 | 995 | 0 | 65 | 1355 | 680 | 40 | 1250 | 2x 212 | 175 | 440 | 6x 14x20 | SAE 2 | SAE 3 |

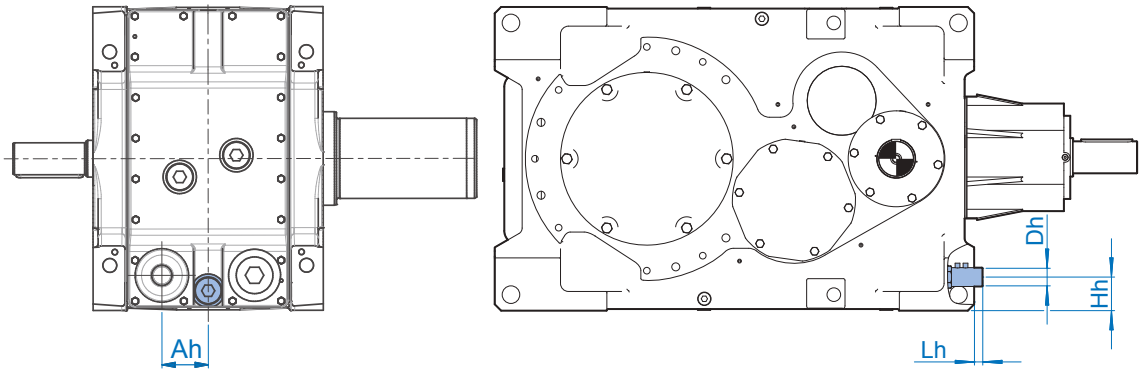


## CC - Internal Water Cooler (Cooling Coil)



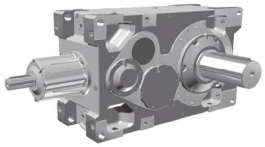

| | g1c | g2c | HMR | LMR |
|---|---|---|---|---|
| **SK 5.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 6.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 7.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 8.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 9.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 10.07** | G 3/8" | G 3/8" | 238 | 108 |
| **SK 11.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 12.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 13.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 14.07** | G 1/2" | G 1/2" | 238 | 108 |
| **SK 15.07** | G 1/2" | G 1/2" | 238 | 108 |

## OH - Oil Heater

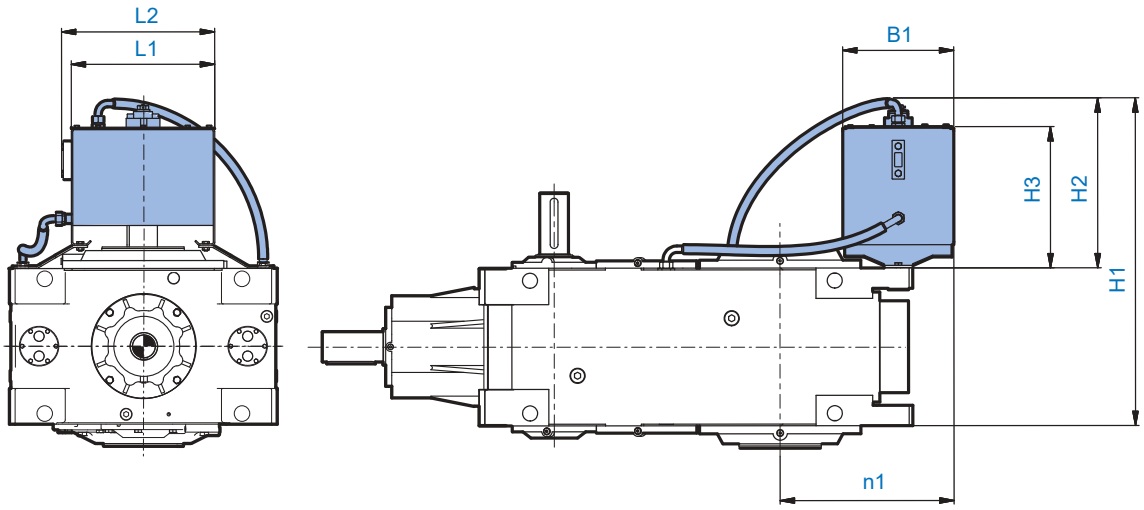



| | Ah | ø Dh | Hh | Lh | 340 W | 380 W | 470 W | 590 W | 760 W | 870 W | 1030 W | 1410 W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SK 5.07** | 69,5 | 80 | 52,5 | 77,5 | **M1/M3 *** | | | | | | | |
| **SK 6.07** | 69,5 | 80 | 52,5 | 77,5 | **M1/M3 *** | | | | | | | |
| **SK 7.07** | 67,5 | 80 | 62,5 | 60 | | **M1/M3 *** | | | | | | |
| **SK 8.07** | 74 | 80 | 62,5 | 61,5 | | **M1/M3 *** | | | | | | |
| **SK 9.07** | 85 | 80 | 69,5 | 58 | | | **M1/M3 *** | | | | | |
| **SK 10.07** | 87,5 | 80 | 70 | 63,5 | | | **M1/M3 *** | | | | | |
| **SK 11.07** | 70 | 80 | 90 | 57 | | | | **M1** | | | **M3** | |
| **SK 12.07** | 95 | 80 | 110 | 49 | | | | **M1** | | | **M3** | |
| **SK 13.07** | 100 | 80 | 100 | 49 | | | | | **M1** | | | **M3** |
| **SK 14.07** | 100 | 80 | 95 | 39 | | | | | **M1** | | | **M3** |
| **SK 15.07** | 125 | 80 | 110 | 20 | | | | | | **M1** | | **M3** |

* For larger heating capacities, please contact NORD DRIVESYSTEMS. Other mounting configurations can often be used depending on the oil level with an oil heater. Please contact NORD DRIVESYSTEMS.

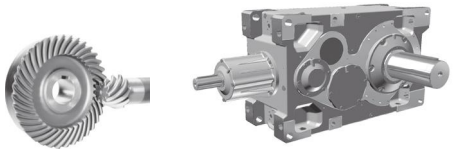


## OT - Oil Tank




| M5 / M6 Mounting | L1 | L2 | H1 | H2 | H3 | n1 | B1 |
|---|---|---|---|---|---|---|---|
| **SK 5.07** | 275 | 302 | 771,5 | 426,5 | 397,5 | 440 | 200 |
| **SK 6.07** | 275 | 302 | 771,5 | 426,5 | 397,5 | 440 | 200 |
| **SK 7.07** | 400 | 427 | 824,5 | 474,5 | 394,5 | 425 | 310 |
| **SK 8.07** | 400 | 427 | 858 | 508 | 428 | 455 | 310 |
| **SK 9.07** | 400 | 427 | 923 | 508 | 428 | 457,5 | 310 |
| **SK 10.07** | 400 | 427 | 879 | 464 | 384 | 490 | 310 |
| **SK 11.07** | 400 | 427 | 914 | 474 | 394 | 485 | 310 |
| **SK 12.07** | 400 | 427 | 979,5 | 469,5 | 389,5 | 520 | 310 |
| **SK 13.07** | 400 | 427 | 1069 | 519 | 439 | 580 | 310 |
| **SK 14.07** | 400 | 427 | 1133 | 523 | 443 | 610 | 310 |
| **SK 15.07** | 400 | 427 | 1156 | 506 | 426 | 645 | 310 |

# Notes

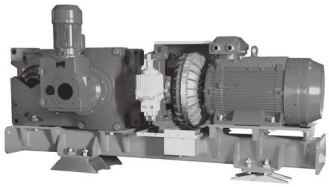


DRIVESYSTEMS

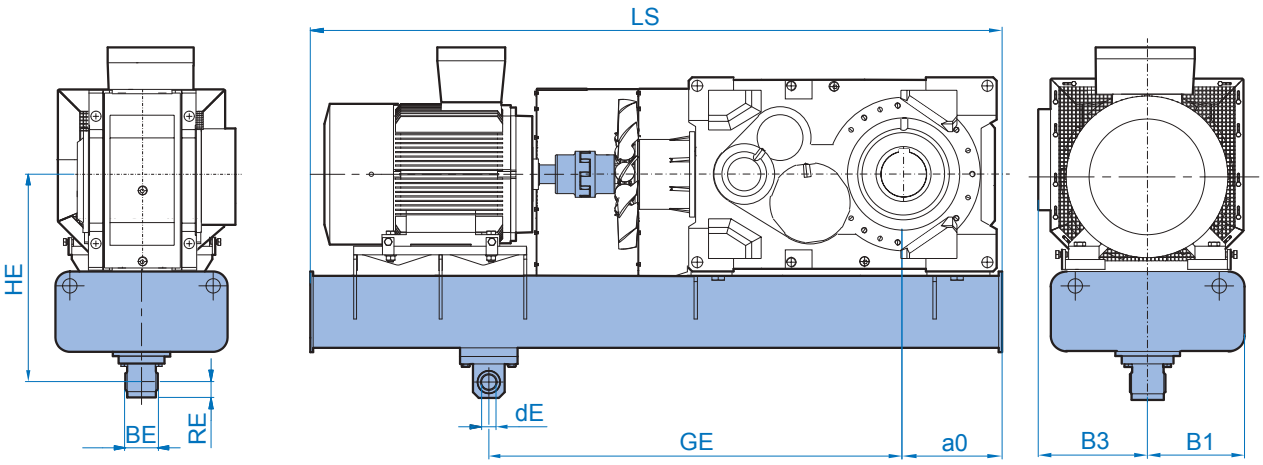
# Swingbase Dimensions


SK ..407 / ..507 MSK ..... 264
SK ..407 / ..507 MSKB ..... 266
SK ..407 / ..507 MST ..... 268
SK ..407 / ..507 MSTB ..... 270
SK ..407 / ..507 MFK ..... 272
SK ..407 / ..507 MFKB ..... 274
SK ..407 / ..507 MFT ..... 276
SK ..407 / ..507 MFTB ..... 278

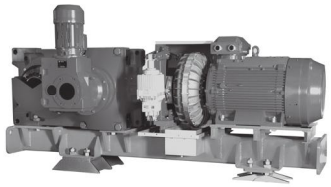

**Note**: The final dimensions of the vibrations and foundation frames are determined by order.



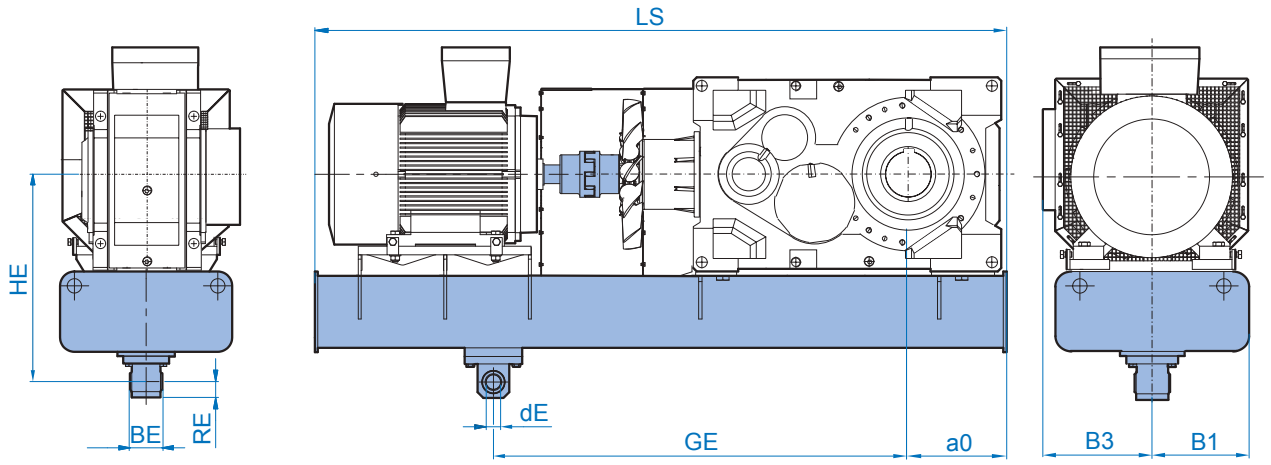




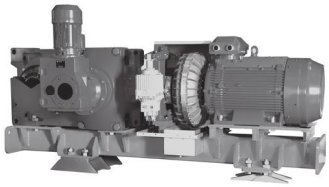

| MSK | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 160M/4 - 225M/4 | 1800 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 250M/4 - 315M/4 | 2100 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 132M/4 - 200L/4 | 1850 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 225S/4 - 280M/4 | 2100 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 315S/4 - 315L/4 | 2350 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| SK 7407<br>SK 7507 | 132S/4 - 180L/4 | 1850 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2100 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2350 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| SK 8407<br>SK 8507 | 132S/4 - 160L/4 | 1850 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 180M/4 - 250M/4 | 2100 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2350 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2350 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2600 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| SK 10407<br>SK 10507 | 132S/4 - 250M/4 | 2350 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2600 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 2850 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 225M/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |



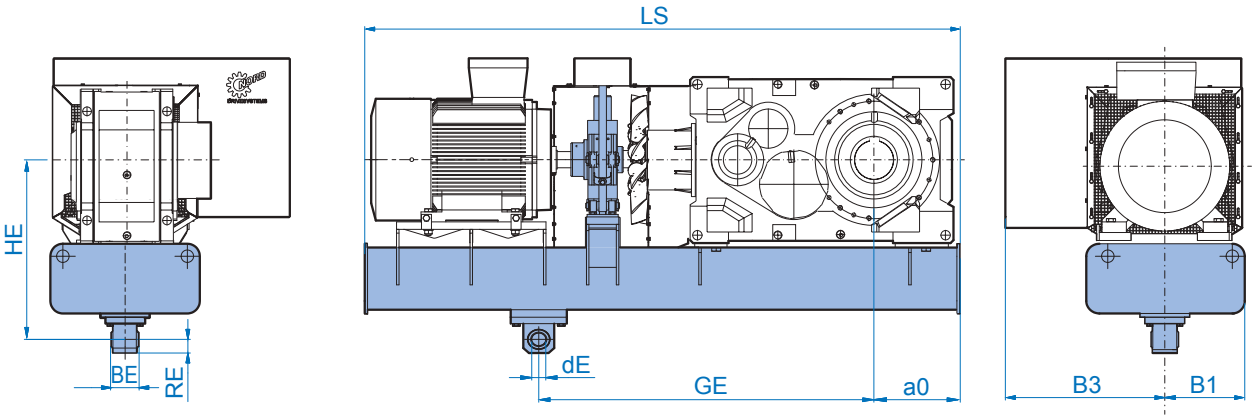




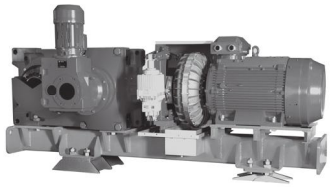

| MSK | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 3100 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 12507 | 160M/4 - 250M/4 | 2600 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 280S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3600 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 13507 | 180M/4 - 250M/4 | 2850 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3350 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 4100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 250M/4 - 315S/4 | 3350 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315M/4 - 315LB/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |



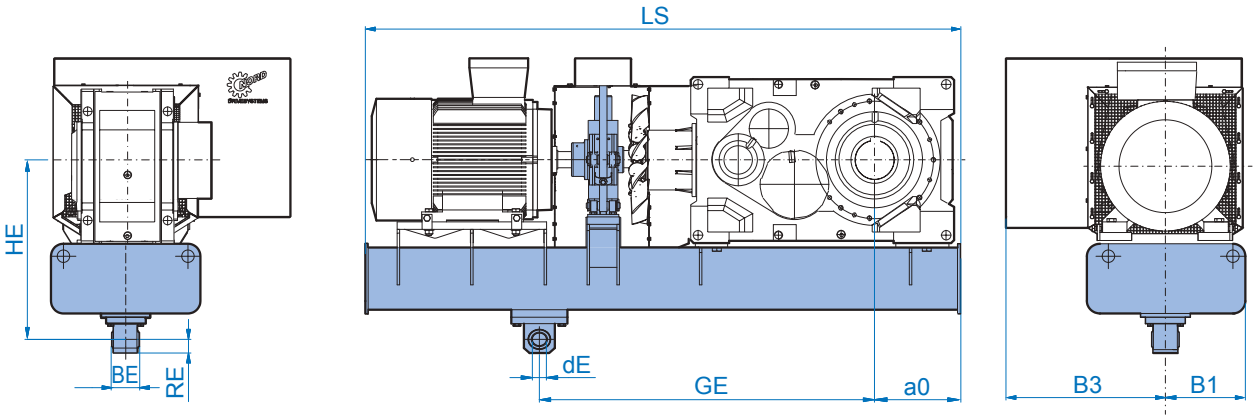





| MSKB | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 160M/4 - 225M/4 | 1800 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 250M/4 - 315M/4 | 2100 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 132M/4 - 200L/4 | 1850 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 225S/4 - 280M/4 | 2100 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 315S/4 - 315L/4 | 2350 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| SK 7407<br>SK 7507 | 132S/4 - 180L/4 | 1850 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2100 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2350 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| SK 8407<br>SK 8507 | 132S/4 - 160L/4 | 1850 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 180M/4 - 250M/4 | 2100 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2350 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2350 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2600 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| SK 10407<br>SK 10507 | 132S/4 - 250M/4 | 2350 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2600 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 2850 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 225M/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |

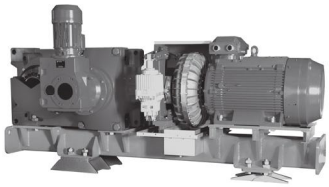


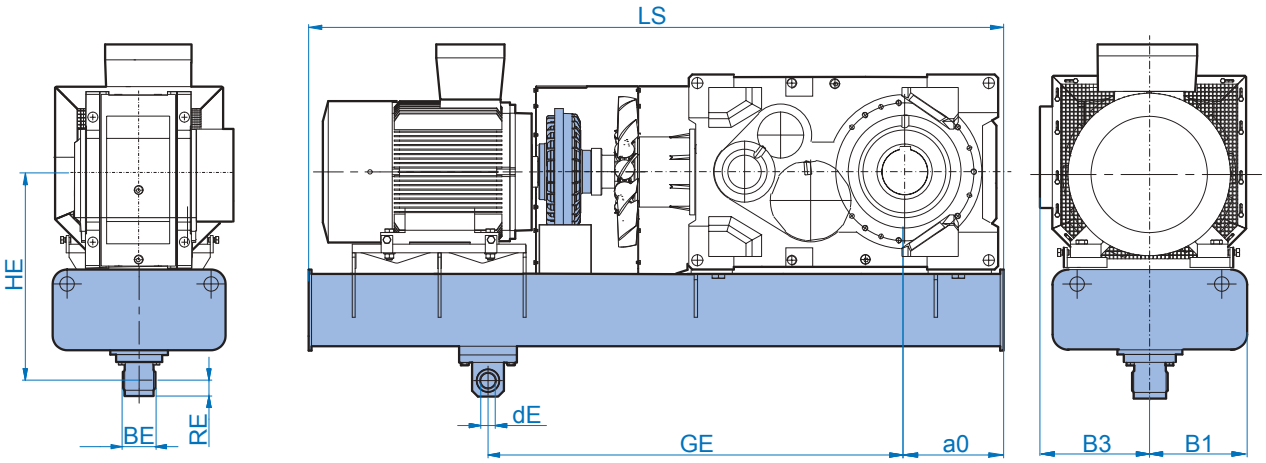
# SK ..407 MSKB
# SK ..507 MSKB



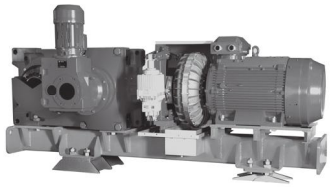

| MSKB | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 3100 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 12507 | 160M/4 - 250M/4 | 2600 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 280S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3600 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 13507 | 180M/4 - 250M/4 | 2850 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3350 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 4100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 250M/4 - 315S/4 | 3350 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315M/4 - 315LB/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |

# SK ..407 MST
# SK ..507 MST

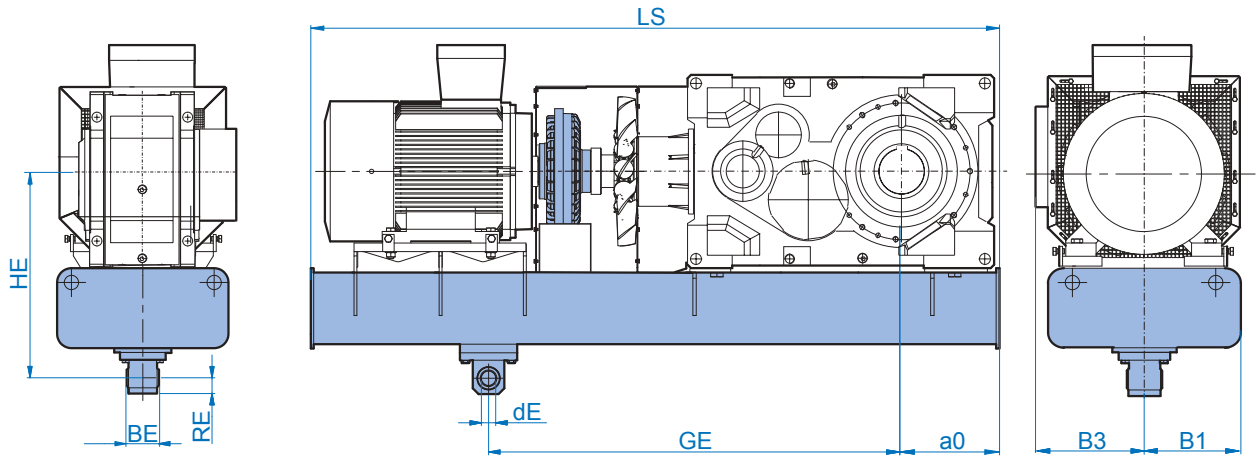




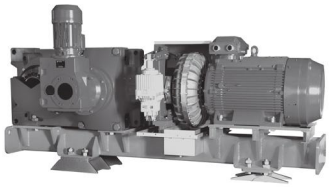

| MST | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 160M/4 - 225M/4 | 1800 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 250M/4 - 315M/4 | 2100 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 132M/4 - 200L/4 | 1850 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 225S/4 - 280M/4 | 2100 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 315S/4 - 315L/4 | 2350 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| SK 7407<br>SK 7507 | 132S/4 - 180L/4 | 1850 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2100 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2350 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| SK 8407<br>SK 8507 | 132S/4 - 160L/4 | 1850 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 180M/4 - 250M/4 | 2100 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2350 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2350 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2600 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| SK 10407<br>SK 10507 | 132S/4 - 250M/4 | 2350 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2600 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 2850 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 225M/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |



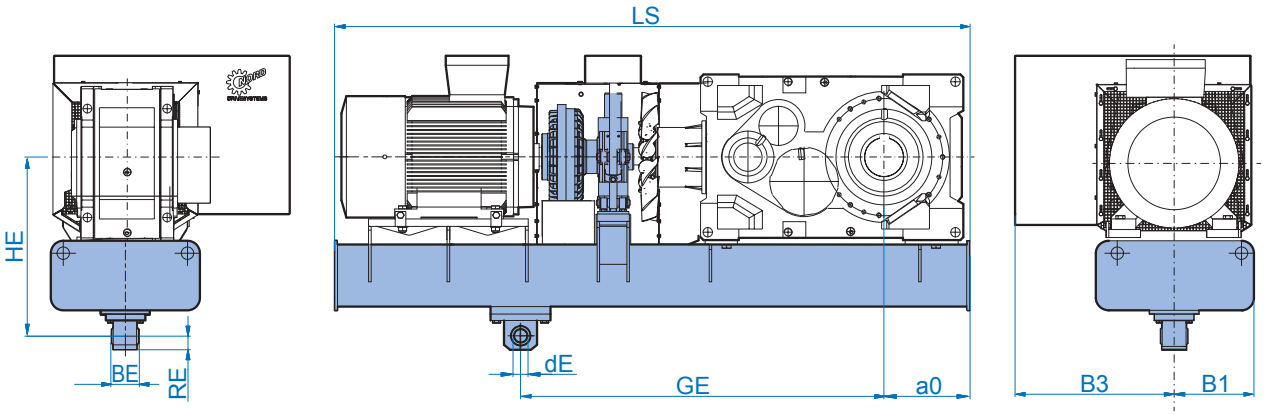




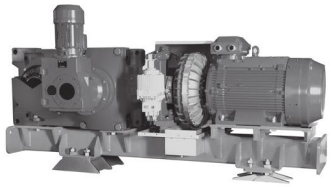

| MST | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 3100 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 12507 | 160M/4 - 250M/4 | 2600 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 280S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3600 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 13507 | 180M/4 - 250M/4 | 2850 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3350 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 4100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 250M/4 - 315S/4 | 3350 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315M/4 - 315LB/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |



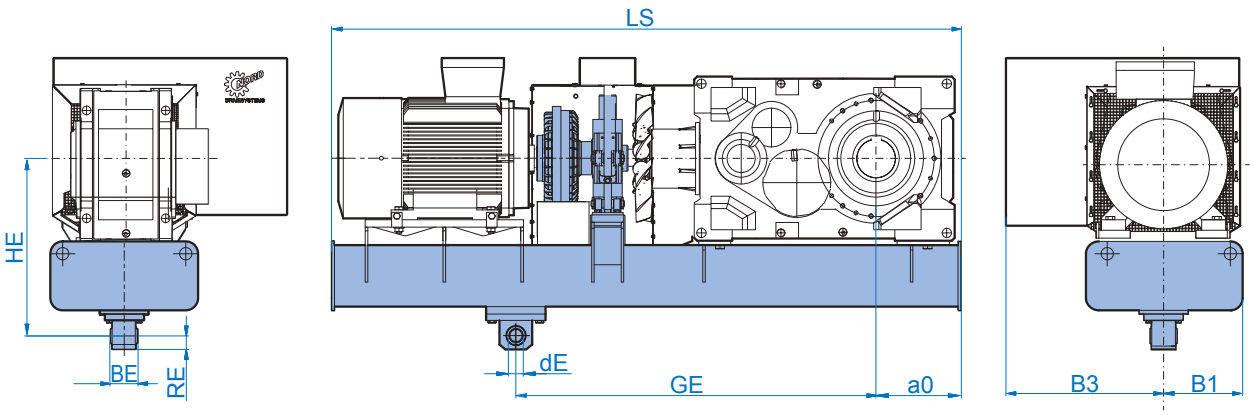




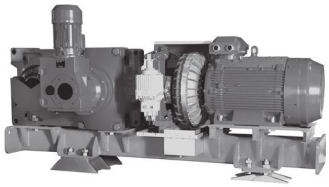

| MSTB | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 160M/4 - 225M/4 | 1800 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 250M/4 - 315M/4 | 2100 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 290 | 275 | 668 | 900 | 110 | 50 | 50 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 132M/4 - 200L/4 | 1850 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 225S/4 - 280M/4 | 2100 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| | 315S/4 - 315L/4 | 2350 | 400 | 290 | 305 | 688 | 900 | 110 | 50 | 50 |
| SK 7407<br>SK 7507 | 132S/4 - 180L/4 | 1850 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2100 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2350 | 400 | 315 | 355 | 710 | 1200 | 110 | 55 | 50 |
| SK 8407<br>SK 8507 | 132S/4 - 160L/4 | 1850 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 180M/4 - 250M/4 | 2100 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2350 | 400 | 315 | 385 | 735 | 1200 | 110 | 55 | 50 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 200L/4 - 280M/4 | 2350 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| | 315S/4 - 315S/4 | 2600 | 400 | 400 | 390 | 765 | 1600 | 110 | 55 | 50 |
| SK 10407<br>SK 10507 | 132S/4 - 250M/4 | 2350 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| | 280S/4 - 315S/4 | 2600 | 400 | 400 | 425 | 800 | 1800 | 110 | 55 | 50 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 2850 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |
| | 225M/4 - 280M/4 | 2600 | 400 | 440 | 430 | 875 | 1800 | 120 | 90 | 100 |



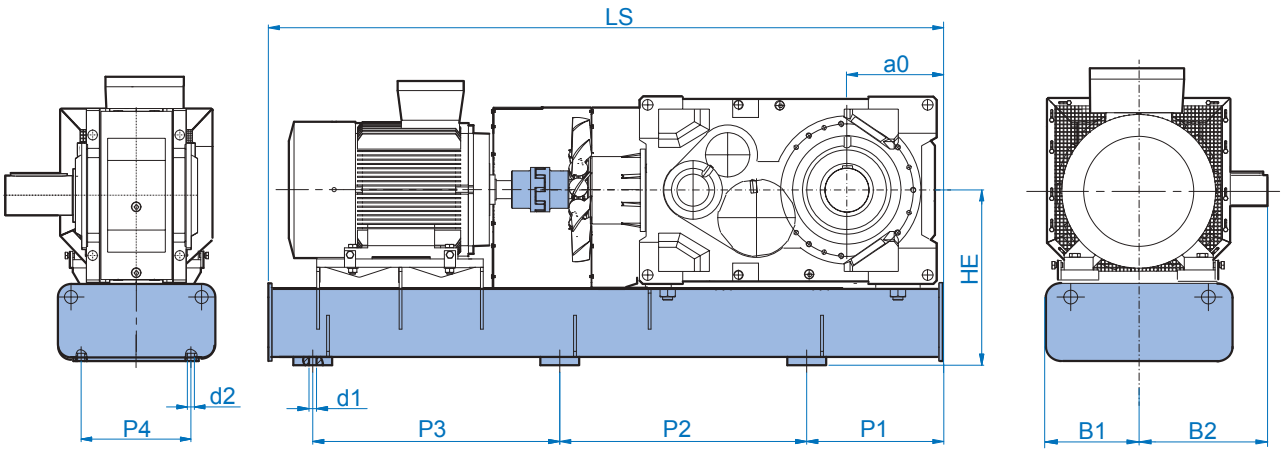
# SK ..407 MSTB
# SK ..507 MSTB



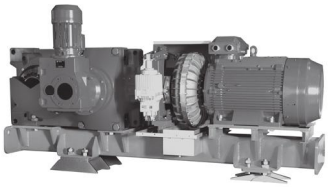

| MSTB | Motor size | LS | B1 | B3 | a0 | HE | GE | BE | RE | dE |
|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315S/4 - 315L/4 | 3100 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 12507 | 160M/4 - 250M/4 | 2600 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| | 280S/4 - 280M/4 | 2850 | 400 | 480 | 465 | 1025 | 2000 | 120 | 90 | 100 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3600 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 13507 | 180M/4 - 250M/4 | 2850 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3100 | 400 | 555 | 535 | 1128 | 1800 | 230 | 100 | 124 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 3850 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| | 280S/4 - 280M/4 | 3350 | 400 | 585 | 565 | 1178 | 2000 | 230 | 100 | 124 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 355S/4 - 355M/4 | 4100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 250M/4 - 315S/4 | 3350 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |
| | 315M/4 - 315LB/4 | 3600 | 400 | 605 | 605 | 1300 | 2000 | 230 | 100 | 124 |



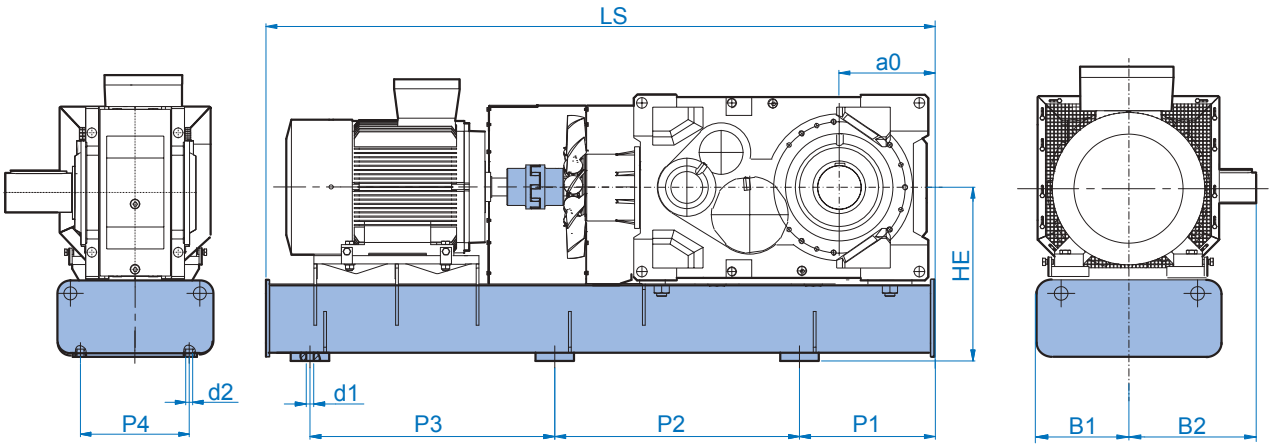





| MFK | Motor size | LS | B1 | B2 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 403 | 275 | 583 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 1850 | 400 | 403 | 275 | 583 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2100 | 400 | 403 | 275 | 583 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 403 | 275 | 583 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 403 | 305 | 603 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 1850 | 400 | 403 | 305 | 603 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 225S/4 - 280M/4 | 2100 | 400 | 403 | 305 | 603 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315S/4 - 315L/4 | 2350 | 400 | 403 | 305 | 603 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 7407<br>SK 7507 | 132S/4 - 160M/4 | 1850 | 400 | 452 | 355 | 620 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160L/4 - 250M/4 | 2100 | 400 | 452 | 355 | 620 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 280S/4 - 315L/4 | 2350 | 400 | 452 | 355 | 620 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 8407<br>SK 8507 | 132S/4 - 132M/4 | 1850 | 400 | 452 | 385 | 650 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 2100 | 400 | 452 | 385 | 650 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2350 | 400 | 452 | 385 | 650 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 557 | 390 | 680 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 200L/4 - 280M/4 | 2350 | 400 | 557 | 390 | 680 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 315S/4 - 315L/4 | 2600 | 400 | 557 | 390 | 680 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 10407<br>SK 10507 | 132S/4 - 160M/4 | 2100 | 400 | 557 | 425 | 715 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160L/4 - 250M/4 | 2350 | 400 | 557 | 425 | 715 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 280S/4 - 315L/4 | 2600 | 400 | 557 | 425 | 715 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 580 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |
| | 315S/4 - 315L/4 | 2850 | 400 | 580 | 430 | 740 | 270 | 1155 | 1155 | 350 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 580 | 430 | 740 | 270 | 1280 | 1280 | 350 | 45 | 26 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 580 | 430 | 740 | 270 | 905 | 905 | 350 | 45 | 26 |
| | 225M/4 - 280M/4 | 2600 | 400 | 580 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |

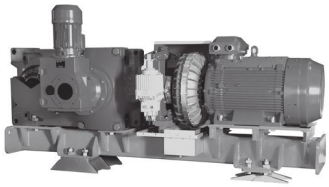


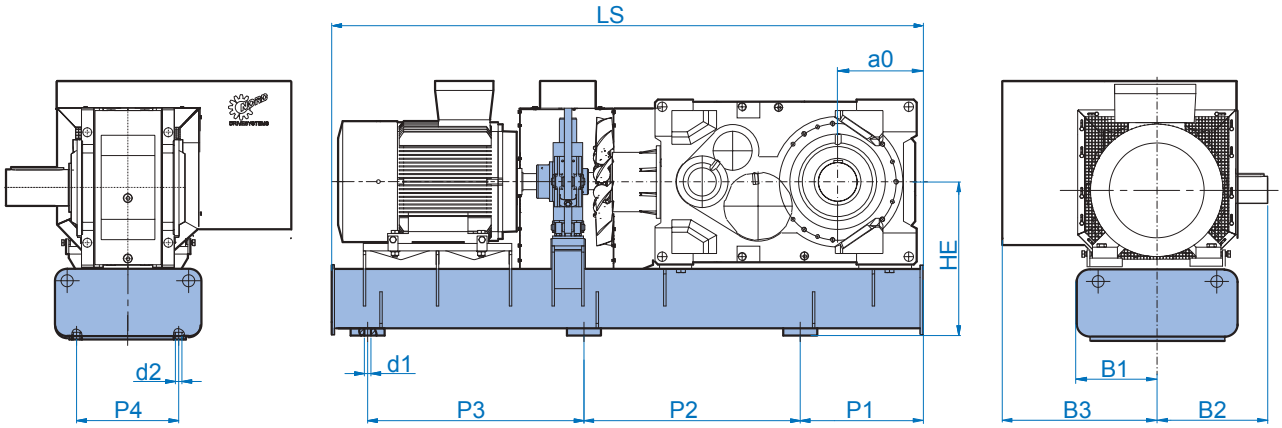
# SK ..407 MFK
# SK ..507 MFK



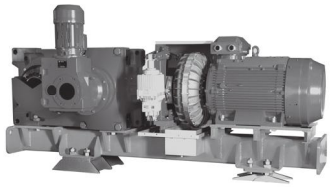

| MFK | Motor size | LS | B1 | B2 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 665 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| | 315S/4 - 315L/4 | 3100 | 400 | 665 | 465 | 890 | 270 | 1280 | 1280 | 500 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 665 | 465 | 890 | 270 | 1405 | 1405 | 500 | 45 | 26 |
| SK 12507 | 160L/4 - 250M/4 | 2600 | 400 | 665 | 465 | 890 | 270 | 1030 | 1030 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 2850 | 400 | 665 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 763 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 763 | 535 | 940 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 3600 | 400 | 763 | 535 | 940 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| SK 13507 | 180M/4 - 250M/4 | 2850 | 400 | 763 | 535 | 940 | 300 | 1125 | 1125 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3100 | 400 | 763 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 793 | 565 | 1100 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 793 | 565 | 1100 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 793 | 565 | 1100 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 793 | 565 | 1100 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3350 | 400 | 793 | 565 | 1100 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 805 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 805 | 605 | 1125 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 805 | 605 | 1125 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 805 | 605 | 1125 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 250M/4 - 315S/4 | 3350 | 400 | 805 | 605 | 1125 | 300 | 1375 | 1375 | 500 | 45 | 26 |

# SK ..407 MFKB
# SK ..507 MFKB

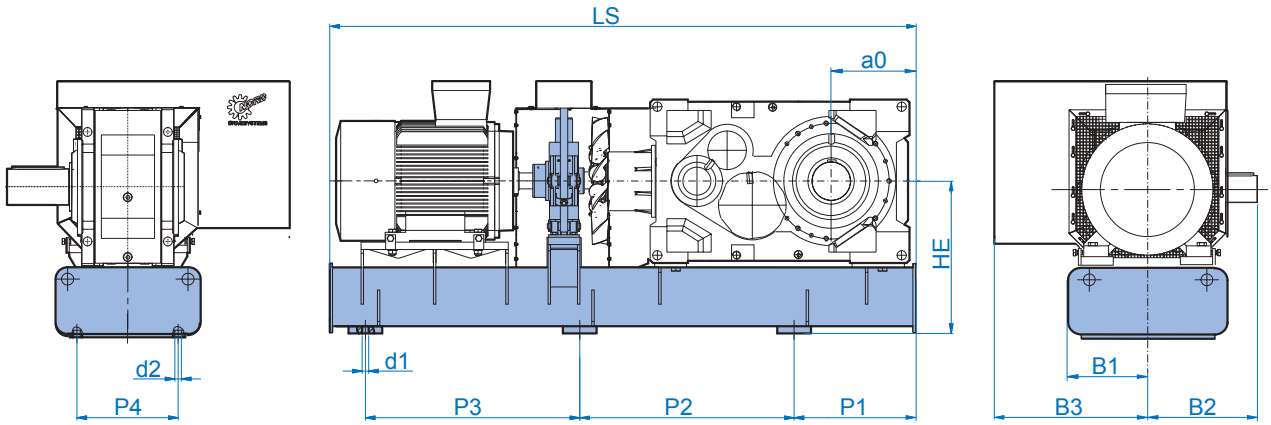




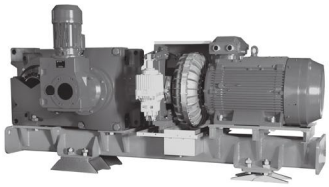

| MFKB | Motor size | LS | B1 | B2 | B3 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 403 | 500 | 275 | 583 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 1850 | 400 | 403 | 655 | 275 | 583 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2100 | 400 | 403 | 695 | 275 | 583 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 403 | 860 | 275 | 583 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 403 | 500 | 305 | 603 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 1850 | 400 | 403 | 580 | 305 | 603 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 225S/4 - 280M/4 | 2100 | 400 | 403 | 695 | 305 | 603 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315S/4 - 315L/4 | 2350 | 400 | 403 | 860 | 305 | 603 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 7407<br>SK 7507 | 132S/4 - 160M/4 | 1850 | 400 | 452 | 500 | 355 | 620 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160L/4 - 250M/4 | 2100 | 400 | 452 | 695 | 355 | 620 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 280S/4 - 315L/4 | 2350 | 400 | 452 | 860 | 355 | 620 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 8407<br>SK 8507 | 132S/4 - 132M/4 | 1850 | 400 | 452 | 500 | 385 | 650 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 2100 | 400 | 452 | 655 | 385 | 650 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2350 | 400 | 452 | 695 | 385 | 650 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 9407<br>SK 9507 | 132S/4 - 180L/4 | 2100 | 400 | 557 | 500 | 390 | 680 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 200L/4 - 280M/4 | 2350 | 400 | 557 | 695 | 390 | 680 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 315S/4 - 315L/4 | 2600 | 400 | 557 | 860 | 390 | 680 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 10407<br>SK 10507 | 132S/4 - 160M/4 | 2100 | 400 | 557 | 500 | 425 | 715 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160L/4 - 250M/4 | 2350 | 400 | 557 | 695 | 425 | 715 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 280S/4 - 315L/4 | 2600 | 400 | 557 | 860 | 425 | 715 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 11407 | 225S/4 - 280M/4 | 2600 | 400 | 580 | 695 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |
| | 315S/4 - 315L/4 | 2850 | 400 | 580 | 860 | 430 | 740 | 270 | 1155 | 1155 | 350 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3100 | 400 | 580 | 860 | 430 | 740 | 270 | 1280 | 1280 | 350 | 45 | 26 |
| SK 11507 | 160M/4 - 225S/4 | 2350 | 400 | 580 | 580 | 430 | 740 | 270 | 905 | 905 | 350 | 45 | 26 |
| | 225M/4 - 280M/4 | 2600 | 400 | 580 | 695 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |



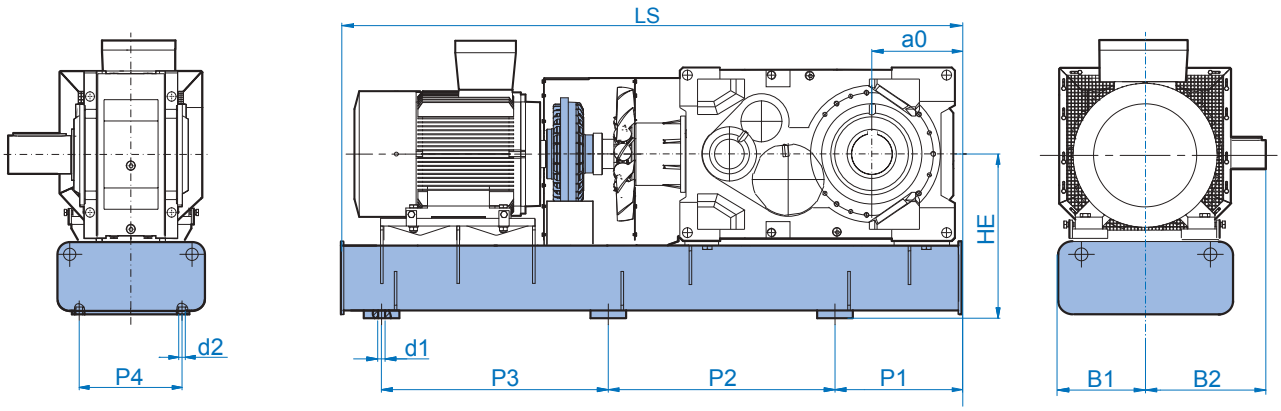
# SK ..407 MFKB
# SK ..507 MFKB



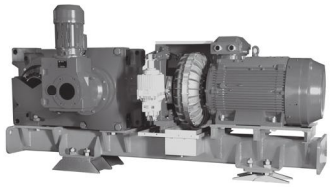

| MFKB | Motor size | LS | B1 | B2 | B3 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 280M/4 | 2850 | 400 | 665 | 695 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| | 315S/4 - 315L/4 | 3100 | 400 | 665 | 860 | 465 | 890 | 270 | 1280 | 1280 | 500 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3350 | 400 | 665 | 860 | 465 | 890 | 270 | 1405 | 1405 | 500 | 45 | 26 |
| SK 12507 | 160L/4 - 250M/4 | 2600 | 400 | 665 | 695 | 465 | 890 | 270 | 1030 | 1030 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 2850 | 400 | 665 | 695 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| SK 13407 | 250M/4 - 280M/4 | 3100 | 400 | 763 | 695 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 315S/4 - 315LB/4 | 3350 | 400 | 763 | 860 | 535 | 940 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 3600 | 400 | 763 | 860 | 535 | 940 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| SK 13507 | 180M/44 - 250M/4 | 2850 | 400 | 763 | 695 | 535 | 940 | 300 | 1125 | 1125 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3100 | 400 | 763 | 695 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 793 | 860 | 565 | 1100 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 793 | 860 | 565 | 1100 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 793 | 860 | 565 | 1100 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 793 | 695 | 565 | 1100 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3350 | 400 | 793 | 695 | 565 | 1100 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| SK 15407 | 280S/4 - 315L/4 | 3600 | 400 | 805 | 860 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 805 | 860 | 605 | 1125 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 805 | 860 | 605 | 1125 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 15507 | 225S/4 - 225M/4 | 3100 | 400 | 805 | 655 | 605 | 1125 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 250M/4 - 315S/4 | 3350 | 400 | 805 | 695 | 605 | 1125 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 315M/4 - 315LB/4 | 3600 | 400 | 805 | 860 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |



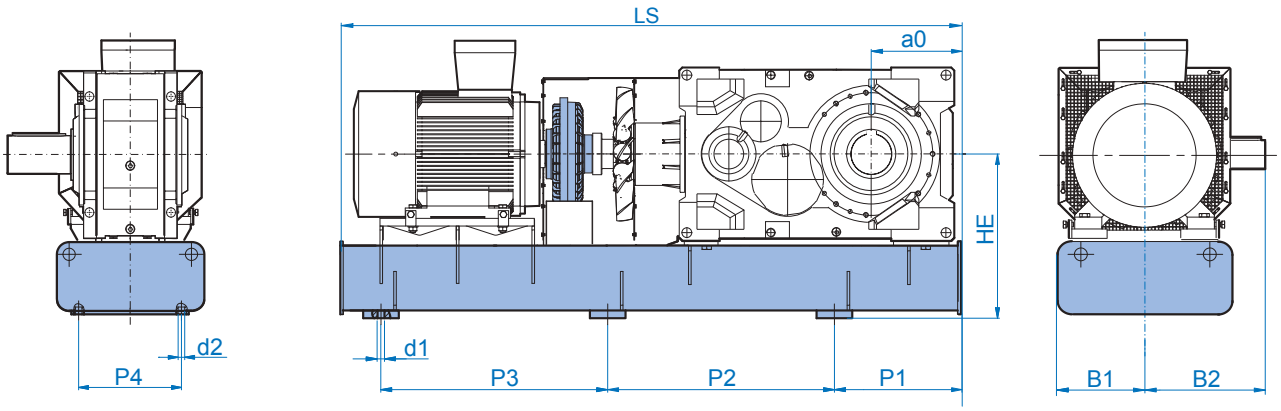




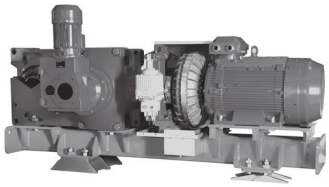

| MFT | Motor size | LS | B1 | B2 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 403 | 275 | 583 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 1850 | 400 | 403 | 275 | 583 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2100 | 400 | 403 | 275 | 583 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 403 | 275 | 583 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 403 | 305 | 603 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 1850 | 400 | 403 | 305 | 603 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 225S/4 - 280M/4 | 2100 | 400 | 403 | 305 | 603 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315S/4 - 315L/4 | 2350 | 400 | 403 | 305 | 603 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 7407<br>SK 7507 | 132S/4 - 132M/4 | 1850 | 400 | 452 | 355 | 620 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 2100 | 400 | 452 | 355 | 620 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 250M/4 - 280M/4 | 2350 | 400 | 452 | 355 | 620 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 8407<br>SK 8507 | 132S/4 - 132S/4 | 1850 | 400 | 452 | 385 | 650 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 2100 | 400 | 452 | 385 | 650 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 225S/4 - 315S/4 | 2350 | 400 | 452 | 385 | 650 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 9407<br>SK 9507 | 132S/4 - 160M/4 | 2100 | 400 | 557 | 390 | 680 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160L/4 - 225M/4 | 2350 | 400 | 557 | 390 | 680 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 280S/4 - 315L/4 | 2600 | 400 | 557 | 390 | 680 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 10407<br>SK 10507 | 132S/4 - 132M/4 | 2100 | 400 | 557 | 425 | 715 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160M/4 - 225M/4 | 2350 | 400 | 557 | 425 | 715 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 250M/4 - 315M/4 | 2600 | 400 | 557 | 425 | 715 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 11407 | 315S/4 - 250M/4 | 2600 | 400 | 580 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |
| | 280S/4 - 315L/4 | 2850 | 400 | 580 | 430 | 740 | 270 | 1155 | 1155 | 350 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3100 | 400 | 580 | 430 | 740 | 270 | 1280 | 1280 | 350 | 45 | 26 |
| SK 11507 | 160M/4 - 180L/4 | 2350 | 400 | 580 | 430 | 740 | 270 | 905 | 905 | 350 | 45 | 26 |
| | 200L/4 - 280M/4 | 2600 | 400 | 580 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |



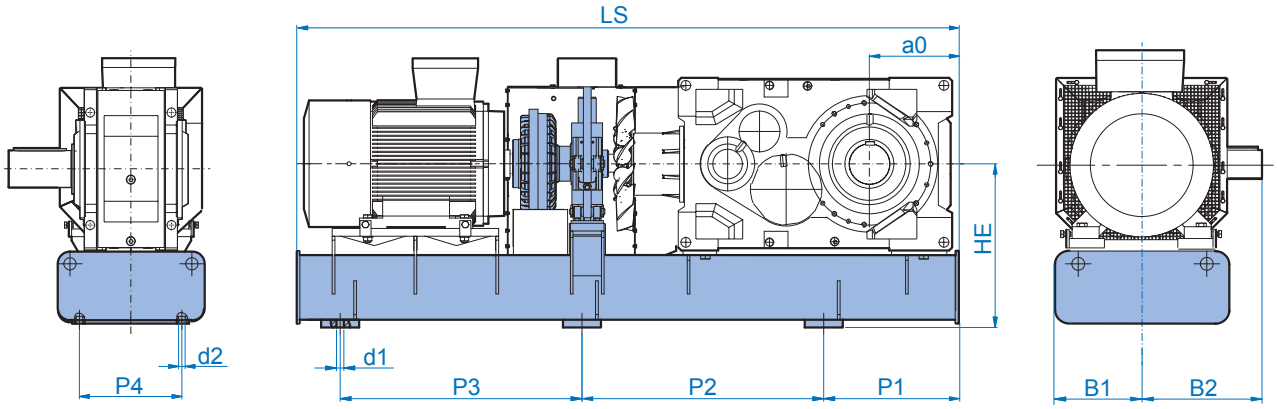




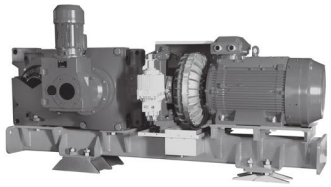

| MFT | Motor size | LS | B1 | B2 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 250M/4 | 2850 | 400 | 665 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| | 280S/4 - 315L/4 | 3100 | 400 | 665 | 465 | 890 | 270 | 1280 | 1280 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3350 | 400 | 665 | 465 | 890 | 270 | 1405 | 1405 | 500 | 45 | 26 |
| SK 12507 | 160M/4 - 225M/4 | 2600 | 400 | 665 | 465 | 890 | 270 | 1030 | 1030 | 500 | 45 | 26 |
| | 250M/4 - 280M/4 | 2850 | 400 | 665 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| SK 13407 | 250M/4 - 280S/4 | 3100 | 400 | 763 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280M/4 - 315L/4 | 3350 | 400 | 763 | 535 | 940 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3600 | 400 | 763 | 535 | 940 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| SK 13507 | 180M/4 - 225M/4 | 2850 | 400 | 763 | 535 | 940 | 300 | 1125 | 1125 | 500 | 45 | 26 |
| | 250M/4 - 280M/4 | 3100 | 400 | 763 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 793 | 565 | 1100 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 793 | 565 | 1100 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 793 | 565 | 1100 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 793 | 565 | 1100 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3350 | 400 | 793 | 565 | 1100 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| SK 15407 | 280S/4 - 315M/4 | 3600 | 400 | 805 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315MA/4 - 315LB/4 | 3850 | 400 | 805 | 605 | 1125 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 805 | 605 | 1125 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 15507 | 225S/4 - 280M/4 | 3350 | 400 | 805 | 605 | 1125 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 315S/4 - 315L/4 | 3600 | 400 | 805 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |



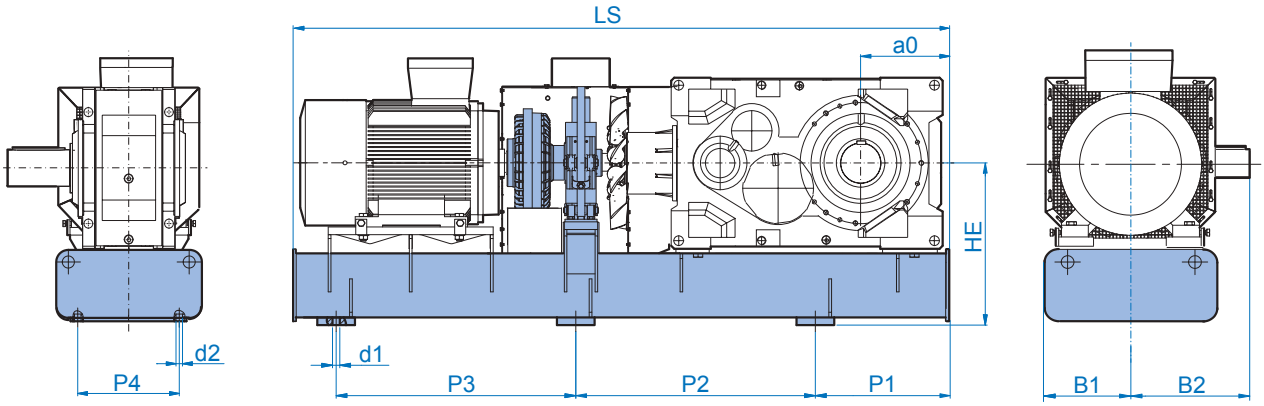





| MFTB | Motor size | LS | B1 | B2 | B3 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 5407<br>SK 5507 | 132S/4 - 132M/4 | 1600 | 400 | 403 | 500 | 275 | 583 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 1850 | 400 | 403 | 580 | 275 | 583 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2100 | 400 | 403 | 695 | 275 | 583 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315MA/4 - 315L/4 | 2350 | 400 | 403 | 860 | 275 | 583 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 6407<br>SK 6507 | 132S/4 - 132S/4 | 1600 | 400 | 403 | 500 | 305 | 603 | 250 | 550 | 550 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 1850 | 400 | 403 | 580 | 305 | 603 | 250 | 675 | 675 | 290 | 40 | 22 |
| | 225S/4 - 280M/4 | 2100 | 400 | 403 | 695 | 305 | 603 | 250 | 800 | 800 | 290 | 40 | 22 |
| | 315S/4 - 315L/4 | 2350 | 400 | 403 | 860 | 305 | 603 | 250 | 925 | 925 | 290 | 40 | 22 |
| SK 7407<br>SK 7507 | 132S/4 - 132M/4 | 1850 | 400 | 452 | 500 | 355 | 620 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 160M/4 - 225M/4 | 2100 | 400 | 452 | 655 | 355 | 620 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 250M/4 - 315M/4 | 2350 | 400 | 452 | 695 | 355 | 620 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 8407<br>SK 8507 | 132S/4 - 132S/4 | 1850 | 400 | 452 | 500 | 385 | 650 | 270 | 655 | 655 | 290 | 40 | 22 |
| | 132M/4 - 200L/4 | 2100 | 400 | 452 | 580 | 385 | 650 | 270 | 780 | 780 | 290 | 40 | 22 |
| | 225S/4 - 280M/4 | 2350 | 400 | 452 | 695 | 385 | 650 | 270 | 905 | 905 | 290 | 40 | 22 |
| SK 9407<br>SK 9507 | 132S/4 - 160M/4 | 2100 | 400 | 557 | 500 | 390 | 680 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160L/4 - 250M/4 | 2350 | 400 | 557 | 695 | 390 | 680 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 280S/4 - 315L/4 | 2600 | 400 | 557 | 860 | 390 | 680 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 10407<br>SK 10507 | 132S/4 - 132M/4 | 2100 | 400 | 557 | 500 | 425 | 715 | 270 | 780 | 780 | 350 | 40 | 22 |
| | 160M/4 - 225M/4 | 2350 | 400 | 557 | 655 | 425 | 715 | 270 | 905 | 905 | 350 | 40 | 22 |
| | 250M/4 - 315M/4 | 2600 | 400 | 557 | 695 | 425 | 715 | 270 | 1030 | 1030 | 350 | 40 | 22 |
| SK 11407 | 225S/4 - 250M/4 | 2600 | 400 | 580 | 695 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |
| | 280S/4 - 315L/4 | 2850 | 400 | 580 | 860 | 430 | 740 | 270 | 1155 | 1155 | 350 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3100 | 400 | 580 | 860 | 430 | 740 | 270 | 1280 | 1280 | 350 | 45 | 26 |
| SK 11507 | 160M/4 - 180L/4 | 2350 | 400 | 580 | 500 | 430 | 740 | 270 | 905 | 905 | 350 | 45 | 26 |
| | 200L/4 - 280M/4 | 2600 | 400 | 580 | 695 | 430 | 740 | 270 | 1030 | 1030 | 350 | 45 | 26 |

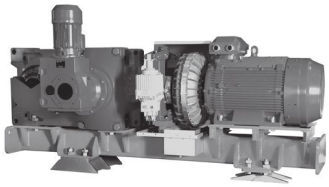


# SK ..407 MFTB
# SK ..507 MFTB




| MFTB | Motor size | LS | B1 | B2 | B3 | a0 | HE | P1 | P2 | P3 | P4 | d1 | d2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SK 12407 | 225S/4 - 250M/4 | 2850 | 400 | 665 | 695 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| | 280S/4 - 315L/4 | 3100 | 400 | 665 | 860 | 465 | 890 | 270 | 1280 | 1280 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3350 | 400 | 665 | 860 | 465 | 890 | 270 | 1405 | 1405 | 500 | 45 | 26 |
| SK 12507 | 160M/4 - 225M/4 | 2600 | 400 | 665 | 655 | 465 | 890 | 270 | 1030 | 1030 | 500 | 45 | 26 |
| | 250M/4 - 280M/4 | 2850 | 400 | 665 | 695 | 465 | 890 | 270 | 1155 | 1155 | 500 | 45 | 26 |
| SK 13407 | 250M/4 - 280S/4 | 3100 | 400 | 763 | 695 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280M/4 - 315L/4 | 3350 | 400 | 763 | 860 | 535 | 940 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| | 315LA/4 - 355M/4 | 3600 | 400 | 763 | 860 | 535 | 940 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| SK 13507 | 180M/4 - 225M/4 | 2850 | 400 | 763 | 655 | 535 | 940 | 300 | 1125 | 1125 | 500 | 45 | 26 |
| | 250M/4 - 280M/4 | 3100 | 400 | 763 | 695 | 535 | 940 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| SK 14407 | 315S/4 - 315L/4 | 3600 | 400 | 793 | 860 | 565 | 1100 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 793 | 860 | 565 | 1100 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 793 | 860 | 565 | 1100 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 14507 | 180M/4 - 250M/4 | 3100 | 400 | 793 | 695 | 565 | 1100 | 300 | 1250 | 1250 | 500 | 45 | 26 |
| | 280S/4 - 280M/4 | 3350 | 400 | 793 | 695 | 565 | 1100 | 300 | 1375 | 1375 | 500 | 45 | 26 |
| SK 15407 | 280S/4 - 315M/4 | 3600 | 400 | 805 | 695 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315MA/4 - 315LB/4 | 3850 | 400 | 805 | 860 | 605 | 1125 | 300 | 1625 | 1625 | 500 | 45 | 26 |
| | 355S/4 - 355M/4 | 4100 | 400 | 805 | 860 | 605 | 1125 | 300 | 1750 | 1750 | 500 | 45 | 26 |
| SK 15507 | 315S/4 - 315L/4 | 3600 | 400 | 805 | 860 | 605 | 1125 | 300 | 1500 | 1500 | 500 | 45 | 26 |
| | 315LA/4 - 315LB/4 | 3850 | 400 | 805 | 860 | 605 | 1125 | 300 | 1625 | 1625 | 500 | 45 | 26 |

# Notes



NORD DRIVESYSTEMS

## UNICASE™ SPEED REDUCERS

**HELICAL IN-LINE**
- Foot or Flange Mount
- Torque up to 205.000 lb-in
- Gear ratios - 1,82:1 to over 300.000:1

**NORDBLOC®.1 HELICAL IN-LINE**
- Foot or Flange Mount
- Torque up to 26.550 lb-in
- Gear ratios - 1,88:1 to over 370:1

**PARALLEL HELICAL CLINCHER™**
- Shaft, Flange or Foot Mount
- Torque up to 797.000 lb-in
- Gear ratios - 4,26:1 to over 300.000:1

**SCP SCREW CONVEYOR PACKAGE**
- Shaft, or Flange Mount
- Torque up to 53.100 lb-in
- Gear ratios - 4,32:1 to over 1500:1

**RIGHT ANGLE HELICAL-BEVEL 2-STAGE**
- Foot, Flange or Shaft Mount
- Torque up to 5.840 lb-in
- Gear ratios - 4,1:1 to 70:1

**RIGHT ANGLE HELICAL-BEVEL**
- Foot, Flange or Shaft Mount
- Torque up to 283.000 lb-in
- Gear ratios - 8,04:1 to over 300.000:1

**RIGHT ANGLE HELICAL-WORM**
- Foot, Flange or Shaft Mount
- Torque up to 27.585 lb-in
- Gear ratios - 4,40:1 to over 300.000:1

## HIGH PERFORMANCE MOTORS & BRAKEMOTORS

**INVERTER/VECTOR DUTY**
- Standard or Energy Efficient
- Integral, NEMA or Metric IEC
- 1/6 to 250 hp

## UNICASE™ SPEED REDUCERS

**MINICASE™ RIGHT ANGLE WORM**
- Foot, Flange or Shaft Mount
- Torque up to 3.540 lb-in
- Gear ratios – 5:1 to 500:1

**FLEXBLOC™ WORM**
- Modular bolt-on options
- Torque up to 4.683 lb-in
- Gear ratios – 5:1 to 3.000:1

**MAXXDRIVE™ LARGE INDUSTRIAL GEAR UNITS PARALLEL HELICAL**
- Modular bolt-on options
- Torque up to 2.027.000 lb-in
- Gear ratios – 5:1 to 1.600:1

**MAXXDRIVE™ LARGE INDUSTRIAL GEAR UNITS HELICAL-BEVEL**
- Modular bolt-on options
- Torque up to 2.027.000 lb-in
- Gear ratios – 5:1 to 1.600:1

## NORDAC AC VECTOR DRIVES

**SK180E FAMILY**
- Distributed, simple speed control
- 380-480V, 3-phase to 3,0 hp
- 200-240V, 3-phase to 1,5 hp
- 200-240V, 1-phase to 1,5 hp
- 100-120V, 1-phase to 0,75 hp

**SK200E FAMILY**
- Distributed, high performance
- 380-480V, 3-phase to 30 hp
- 200-240V, 3-phase to 15 hp
- 200-240V, 1-phase to 1,5 hp
- 100-120V, 1-phase to 1,0 hp

**SK500E FAMILY**
- Compact, cabinet mount, high performance
- 380-480V, 3-phase, to 125 hp
- 200-240V, 3-phase, to 25 hp
- 200-240V, 1-phase, to 3,0 hp
- 100-120V, 1-phase, to 1,5 hp

### Global Vision, Local Support

NORD makes its wide product range easily available through a global network that includes representation in over 60 countries. By providing all of our customers with prompt delivery, and expert support services, we are firmly committed to exceeding customer expectations and being responsive to the ideas and specifications of every customer, anywhere in the world.

**EN**

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