dertec®
Designed to Perform

Stainless steel
Electric motors.

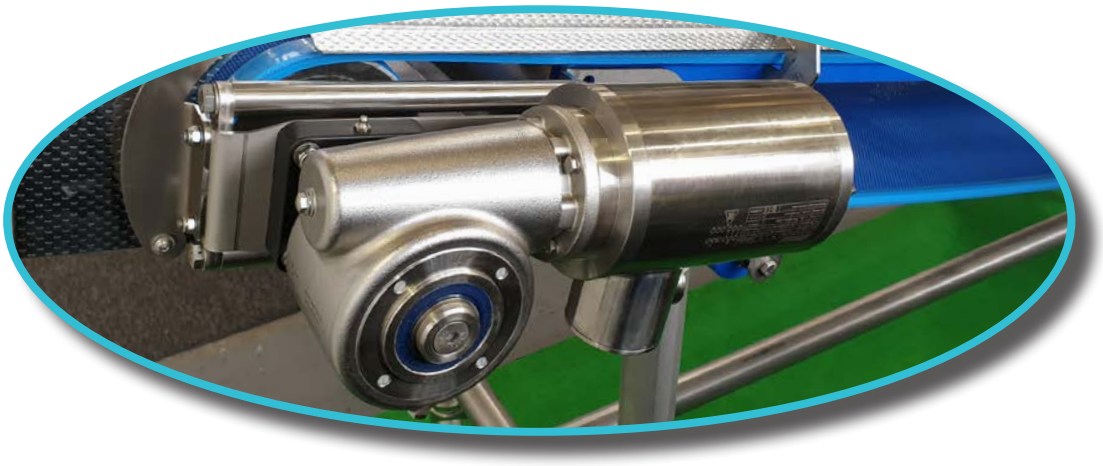
FP2SS
FP3SS

Dertec stainless steel motors

Dertec Stainless Steel motors are designed with the food industry in mind.
They form part of our continuous search for solutions to improve this moisture and bacteria sensitive industry.
We have managed to create a product that can be used under the most common and demanding operation conditions.

Like our drives, the design is smooth and round to avoid dirt traps and achieve easy cleanability. Special attention was paid to the shape of terminal boxes and bearing shields to minimize dirt accumulation to a minimum. All of our motors are (like our gearboxes) built to order, according to our customers' demands. Together with OEM'S we develop innovative solutions for their specific demand.

It might be clear that Stainless drives add value to company's assets. Not only because of the high hygienic standards and reliability, it also saves money in maintenance, cleaning and during the construction of the production lines. Dertec stainless steel motors are very sustainable and offer, if well selected, even energy saving options.



Main Features

Dertec stainless steel motors have a long history and have been developed by Dertec since 2007. As one of the first manufacturers, we now have extensive experience and knowledge with regard to the design and correct application of stainless steel motors.
The application of stainless steel motors requires more than one would expect.
Not every application is the same, and in particular the temperature differences that occur during and after use require adjustments and material choices that are hardly necessary with standard motors.
Dertec stainless motors are Dutch designed, assembled and quality inspected in our Dutch facilities.

Blue shaft seals

Our high performance engineered shaft seals have a blue colour. It is a well overthought feature for food industry applications. It might be clear that the colour "blue" is a not existing organic colour. In the context of food safety it is a common use to embed blue colours as these are very visible and easily to be recognised by vision scanning systems.

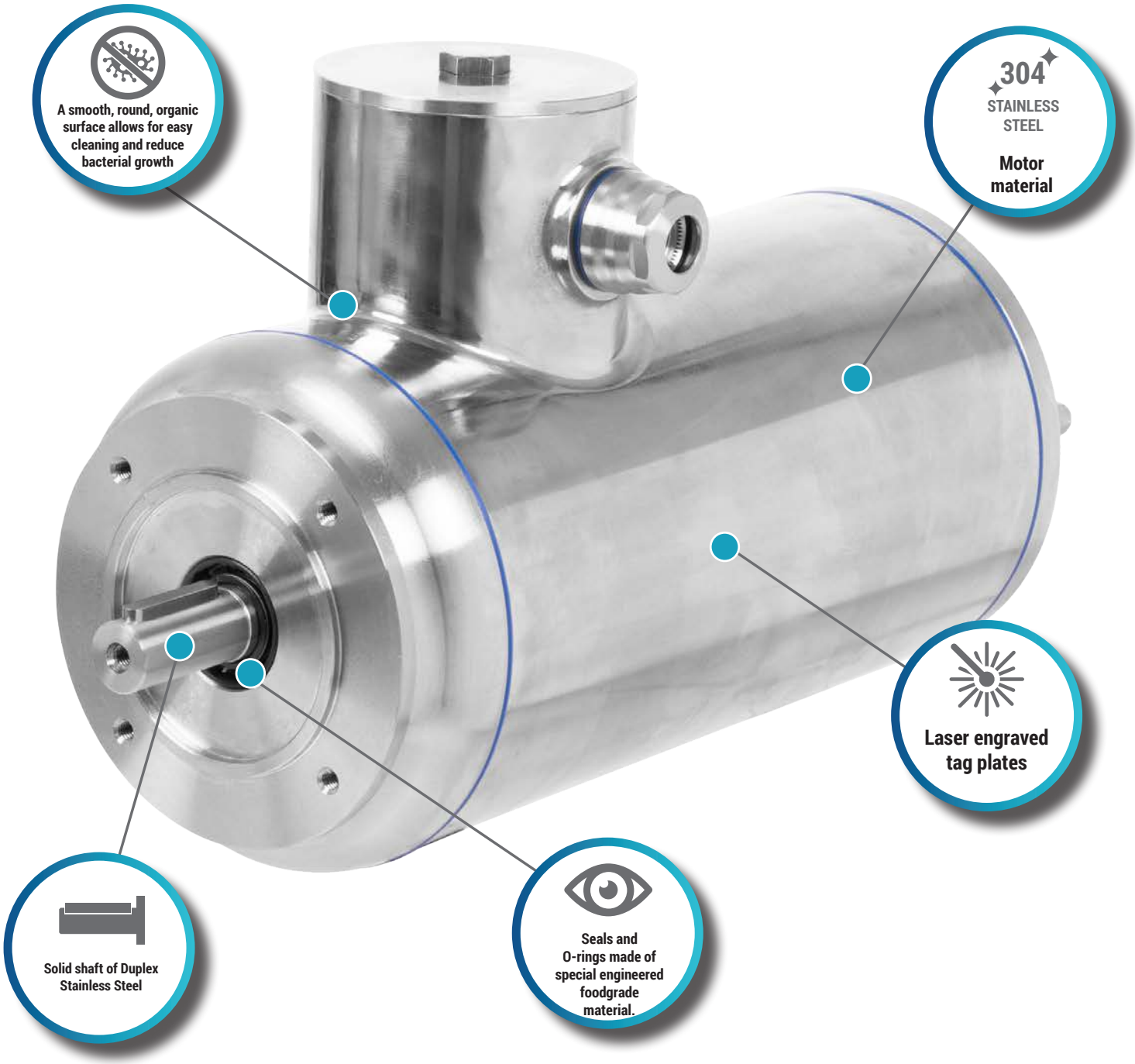
Laser engraved tag plate

To avoid dirt traps under the commonly used motor identification tag plate, all our motors and gearboxes are being equipped with a laser engraved tag plate.
Besides for the food safety this also prevents against possible lost of information because of taking away the tag plate or losing the tag plate from the drive parts.

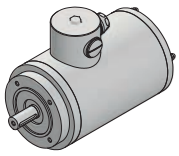
As a part of our standard procedure every drive is tested in our production facility in the Netherlands to ensure correct functioning.

General specifications

- Available from frame IEC56 UP TO IEC160
- 2, 4, 6 and 8 poles
- Standard voltage 400V 50hz, others available
- Foot or flange mounting (B3 / B14a / B14b / B5)
- Minimum IP66, IP67 / IP69K possible
- Standard made with PTC's and BI-Metal
- O-Ring sealed
- Laser engraved tag plate
- Inverter rated class F insulted windings
- Full stainless steel SS304 hygienic design
- Stainless steel motor shaft with premium surface hardness
- Food grade engineered blue seals
- Made with anti-condensation debreather
- Designed and produced in the Netherlands

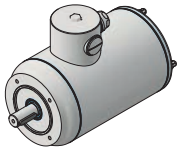

A smooth, round, organic surface allows for easy cleaning and reduce bacterial growth
304
STAINLESS STEEL
Motor material
Laser engraved tag plates
Seals and O-rings made of special engineered foodgrade material.
Solid shaft of Duplex Stainless Steel

Product line-up / overview



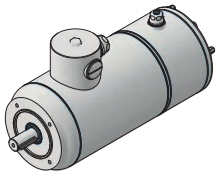
FP2SS
IEC63 - IEC160
0,12 - 18.5 kW
750 - 3000 rpm
IE3

Standard AC Motors with foodgrade design.



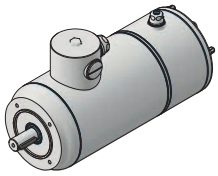
FP3SS
IEC56 - IEC160
0,06 - 18.5 kW
750 - 3000 rpm
IE3

Next generation AC motor design. The design is foodgrade with rubber seals and rounded surfaces.
This design prevents build-up of bacteria or corrosion in tight gaps.



FP3EJSS
IEC63 - 100
0,12 - 3kW
750 - 3000 rpm
IE3

Next generation AC motor design. The design is foodgrade with rubber seals and rounded surfaces.
This design prevents build-up of bacteria or corrosion in tight gaps.
This totally enclosed stainless steel design, features an integrated brake.



FP3ENSS
IEC71 - 100
0,18 - 3kW
750 - 3000 rpm
IE3

Next generation AC motor design. The design is foodgrade with rubber seals and rounded surfaces.
This design prevents build-up of bacteria or corrosion in tight gaps.
This totally enclosed stainless steel design, features an integrated encoder for speed and position control.

Certificates

CE labelling of products which comply with EU directives

Reference number: E506337

Efficiency classes

In the EU there are currently about 8 billion electric motors, together these motors consume 50% of the electricity the EU produces. These motors range from very small motors to drive the cooling fans in your computer to the huge electric motors in the heavy industries. To reduce the global CO2 emission around the globe, most countries around the world have decided on measures to reduce industrial energy usage. For electrical motors this means regulation of the Industrial Efficiency (IE) class of electric motors. This regulation aims to reduce energy consumption of electric motors with 135 TW in the period between 2010 and 2020 alone.

In Europe under the regulation 640/2009 and in North America under Nema EPActEISA 2007 it is stated that for motors between 0,75kW and 375 kW a premium efficiency of IE3 is required. Dertec offers all AC motors with the premium IE3 efficiency to comply with these regulations and also offers our synchronous motors with an even higher efficiency of IE4/IE5 for further energy savings. The result of a higher efficiency is also the reduction of heat development within the motor. This means a lower delta K and a longer service life.

Efficiency Class	Output	Loss
IE4 (Super premium)	87,2%	12,8%
IE3 (Premium)	84,1%	15,9%
IE2 (High)	81,4%	12,8%
IE1 (Standard)	75%	10,3%

Rights to claim under limited warranty

Read the information in this documentation before you start working with the product.
This is essential for fault-free operation and fulfilment of any rights to claim under limited warranty.

Table of content

Table of content

Standards and regulations

Motor naming string

Motor generation: FP2, FP3

Motor type: SS, EJSS, ENSS,

Motor size: 56, 63, 71, 80, 90, 100, 112, 132, 160

Motor length:
56: 1, 2
63: 1, 2
71: 1, 2
80: 1, 2
90: S, L
100: L, L1, L2
112: M
132: S, S1, S2, M
160: M1-2, M2-2, M4, L4

Number of poles:
56: 2, 4
63: 2, 4
71: 2, 4, 6
80: 2, 4, 6
90: 2, 4, 6
100: 2, 4, 6
112: 2, 4, 6
132: 2, 4, 6
160: 2, 4

Flange type: B14A, B14B, B5, B3, B5T1, B5T2, B5T3, B5T4

Terminal box position (only if fitted with foot): KK1, KK2, KK4

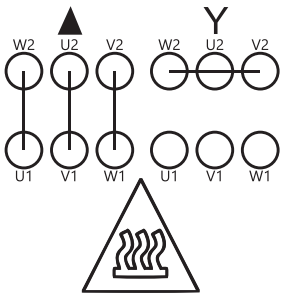
Cooling type: TENV (Totally Enclosed Non-Ventilated), TEFC(Totally Enclosed Fan-Cooled), TEWC (Totally Enclosed Water-Cooled)

Options:

dertec®

c UL us CE

FP3 8024 B14A TENV		3~ Stainless steel Hyhienic washdown motor			www.dertec.com	
IP66	IE3	Ins. CL. F 155C°	PTC 135°C	TP-NC 135°C	21,0 Kg	S1 100%
Voltage	**Frequency**	**Power**	**Speed**	**COSφ**	**Eff. @ 100%**	**Current**
Δ230V	50 Hz	0,75 kW	1440 min^{-1}	0,70	84,1%	3,20 A
Y400V	50 Hz	0,75 kW	1440 min^{-1}	0,70	84,1%	1,84 A
Δ276V	60 Hz	0,75 kW	1730 min^{-1}	0,68	83,8%	2,87 A
Y480V	60 Hz	0,75 kW	1730 min^{-1}	0,68	83,8%	1,65 A
IEC/EN60034	UL E506337	S. Nr.:			Prod. Date:	

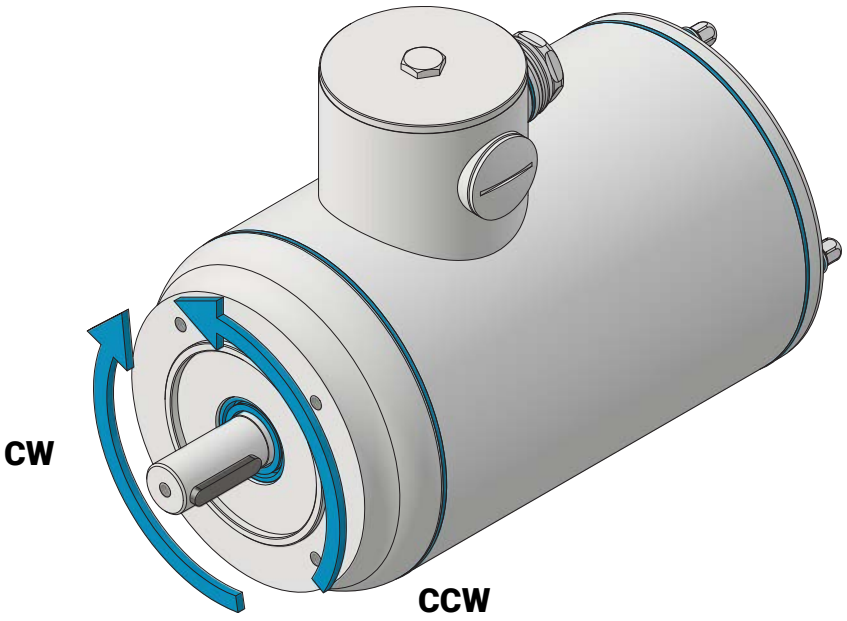


List of abbreviations

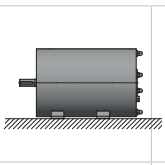
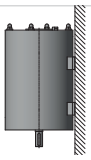
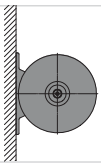
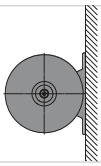
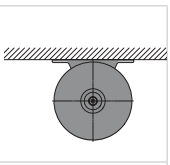
Abbreviation	Meaning
AC	Alternating Current
CCW	Counter ClockWise
CW	Clockwise
DC	Direct Current
DIN	Deutsches Institut für Normung
EN	Dertec Encoder option
EMC	Electro Magnetic Compatibility
EJ	Dertec Brake option
IE	Industrial Efficiency
IEC	International Electrotechnical Commission
IP	Ingress Protection
NC	Normally Closed
OEM	Originaal Equipment Manufacturer
PAG	Polyalkylene glycol
PAO	Polyalphaolefin
PTC	positive temperature coefficient
RPM	Revolutions per minute
SS	Stainless Steel
TC	Temperature coefficient
TEFC	Totally Enclosed, Fan-Cooled
TENV	Totally Enclosed, Non-Ventilated
TEWC	Totally Enclosed, Water-Cooled
KK	Terminalbox

IEC standards
When designing and producing our electric motors Dertec uses DIN norms and IEC standards.
The IEC is a non-profit organisation for standardisation within the electrical motor industry.
The IEC is used around the globe to increase the quality, interchangeability and trade in electrical components around the globe.
Dertec electric motors are manufactured according to these international standards. Which are listed below.

Norm	Description
IEC 60034-1	Rating and performance
IEC 60034 2-1	Methods for determining losses and efficiency
IEC 60034-5	Classification of degrees of protection
IEC 60034-6	Methods of cooling
IEC 60034-7	Symbols of construction and mounting arrangements
IEC 60034-8	Terminal markings and direction of rotation
IEC 60034-9	Noise limits
IEC 60034-11	Built-in thermal protection
IEC 60034-14	Vibration limits
IEC 60034-18-1	Functional evaluation of insulation system
IEC 60034-30-1	Efficiency classes (IE)
IEC 60038	Standard voltages
IEC 60072	Dimensions and output series for rotating electrical machines
IEC 50347	Dimensions and output for electrical machines
EN 55014-1 EN 61000-3-2 EN 61000-3-3	Electromagnetic compatibility



Mounting position

Foot mounting						
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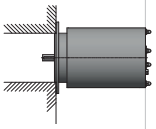
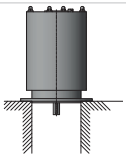
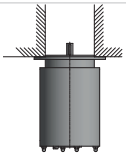
Flange mounting with trough holes						
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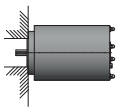
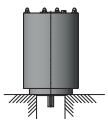
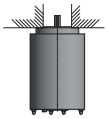
Flange mounting with threated holes						
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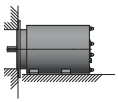
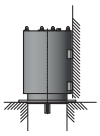
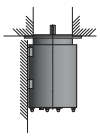
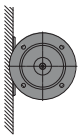
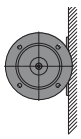
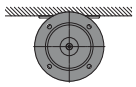
Foot mounting with trough holes						
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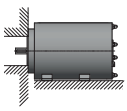
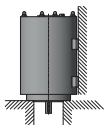
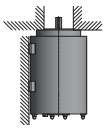
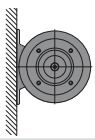
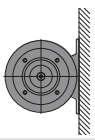
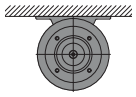
Foot and flange mounting with threated holes						
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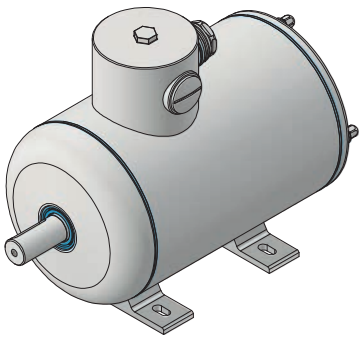
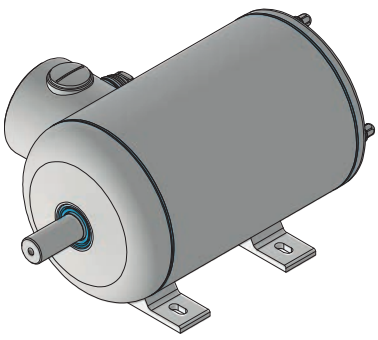
Mounting orientation



KK1



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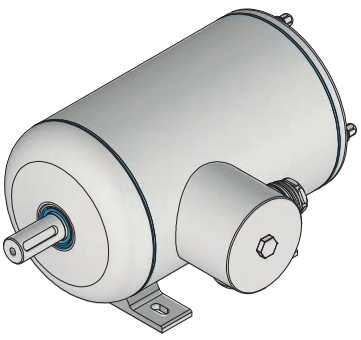
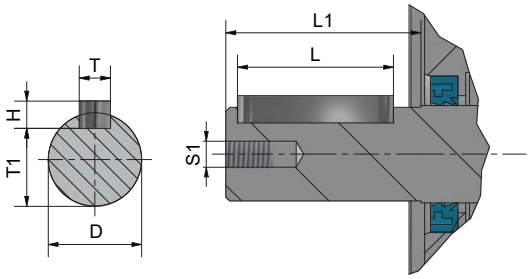


KK4

Standard shaft dimensions

Dertec offers it's motors with stainless steel keyways according to **DIN 6885.** Output shafts dimensions are according to **IEC 60072.**

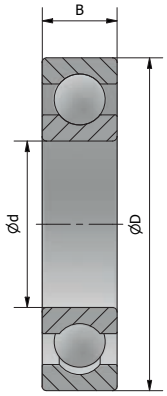
Motor	Shaft diameter (D)	Shaft Length (L1)	Shaft hole (S1)	Key size (TxHxL) Fitting N9
IEC 56	9j6	20	M3	3 x 3 x 12
IEC 63	11j6	23	M4	4 x 4 x 19
IEC 71	14j6	30	M5	5 x 5 x 25
IEC 80	19j6	40	M6	6 x 6 x 34
IEC 90	24j6	50	M8	8 x 7 x 40
IEC 100	28j6	60	M10	8 x 7 x 50
IEC 112	28j6	60	M10	8 x 7 x 50
IEC 132	38k6	80	M12	10 x 8 x 70
IEC 160	42k6	110	M16	12 x 8 x 95



Bearing specification / IEC size

In table (see table below) the bearing type is given for the motor frame. For each bearing the inside diameter, outside diameter, width, dynamic load rating (C) and Static load rating (C0) are given.

Motor frame	Bearing	Inside diameter(d) mm	Outside diameter (D) mm	Width (B) mm	Dynamic load rating (C) kN	Static load rating (C0) kN
IEC 56	6201 2RS C3	12	32	10	7,28	3,1
IEC 63	6202 2RS C3	15	35	11	8,06	3,75
IEC 71	6203 2RS C3	17	40	12	9,95	4,75
IEC 80	6204 2RS C3	20	47	14	13,5	6,55
IEC 90	6205 2RS C3	25	52	15	14,8	7,8
IEC 100	6306 2RS C3	30	72	19	29,6	16
IEC 112	6208 2RS C3	40	80	18	32,5	19
IEC 132	6308 2RS C3	40	90	23	42,3	24
IEC 160	6210 2RS C3	50	90	20	37,1	23,2

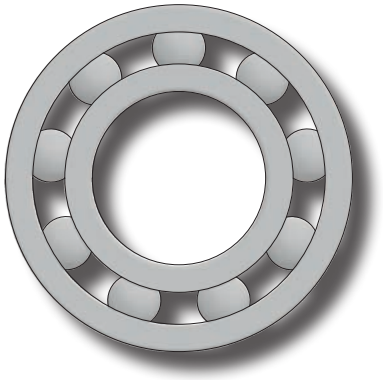


Bearing specification

Dertec uses high quality, foodgrade, high temperature and water repellent bearings.
The Basic rating life is used for simple calculations and to get an approximate value of the bearing life.
According to ISO 281 the basic rating life can be calculated with the following equation:

$$L_{10} = (C/P)^{p}$$

L_{10} = Basic rating life at 90% reliability, in millions of revolutions
C = Basic dynamic load rating, in kN
P = Equivalent dynamic load, in kN
p = Exponent for the life equation, 3 for ball bearing, 10/3 for roller bearings



To calculate the equivalent dynamic load use the following equation:

P = X Fr + Y Fa

Fr = The actual radial bearing load, in kN
P = Equivalent dynamic load, in kN
Fa = The actual axial bearing load, in kN
X = Radial load factor for the bearing (See SKF bearing specifications.)
Y = Axial load factor for the bearing (See SKF bearing specifications.)

These equations are only an approximate and can vary in real applications, for more accurate calculations see the documentation of the bearing manufacturer.

IP Rating explanation

IP classification explanation

The food industry is a challenging environment where cleaning requires high water resistance. The mechanical protection of a product is defined by its IP (Ingress Protection) code. This code consists of two digits, with the first digit indicating the level of protection against access to hazardous parts. The second digit indicates the level of protection against the ingress of harmful water (as further explained in the tables below). Dertec Stainless motors are basically IP67 - IP69K.

Level	effective against
X	-
0	-
1	> 50mm (2,0in)
2	>12.5mm (0,49in)
3	>2.5mm (0,098in)
4	>1 mm (0,039in)
5	Dust protected
6	Dust-tight

Level	Protection against
X	-
0	None
1	Dripping water
2	Dripping water when tilted at 15°
3	Spraying water
4	Splashing of water
5	Water jets
6	Powerful water jets
6K	Powerful water jets with increased pressure
7	immersion, up to 1 meter (3 ft 3in) or more depth
8	immersion, up to 1 meter (3 ft 3in) or more depth
9	Powerful water jets
9K	powerful high-temprature water jets

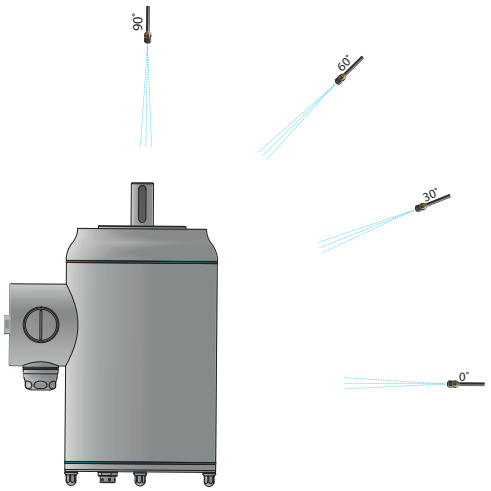
IP69K	6	9K
	Dust-tight	powerful high-temprature water jets

However, as one of the first manufacturers, we now have extensive experience and knowledge regarding the design and proper application of stainless steel motors. The application of stainless steel motors requires more than an IP standard provides. The enormous temperature difference that occurs when blasting down the drives, creates temperature differences up to 70 °C , witch causes water to be sucked in and moisture (condensation) to form in the housings. These practical conditions deviate from the existing IP test standards.

IP69K-rated products undergo a series of challenging tests to ensure that they provide adequate protection against high-pressure, high-temperature water cleaning. Water penetration tests are performed by placing the product on a rotary table at a rotation speed of 5 +/- 1 revolutions per minute. Then the product is tested by spraying water at short distances (100 to 150 mm) at a rate of about 14-16 liters of water per minute with a water pressure between 80 and 100 bar at a temperature of 80°C. The product is then tested at different angles for 30 seconds. However what we see is that, this is almost always different and motor a put much mor to the test in daily practice. So IP test therefore not always sufficient the needs of the user. It is therefore very important to carefully consider the actual conditions affecting the product's operation for each situation. In particular, consider the mounting position in combination with the seals.

To still provide the needs needed in practical applications. Dertec stainless motors are made with stainless steel aerators to reduce differential pressure and condensation to reduce water being sucked in to the motor. thereby, the housing of Dertec motors is made to withstand prolonged high pressure and frequent use. It is therefore advisable to let the drives cool down before cleaning. In practice, however, most drives are cleaned shortly after standstill. Dertec Signature Line Drives have a combination of IP67 and IP69K. High pressure cleaning according to IP69K standard, water dripping over the drive or motor according to IP67. However, we do not recommend using the Dertec drives underwater.

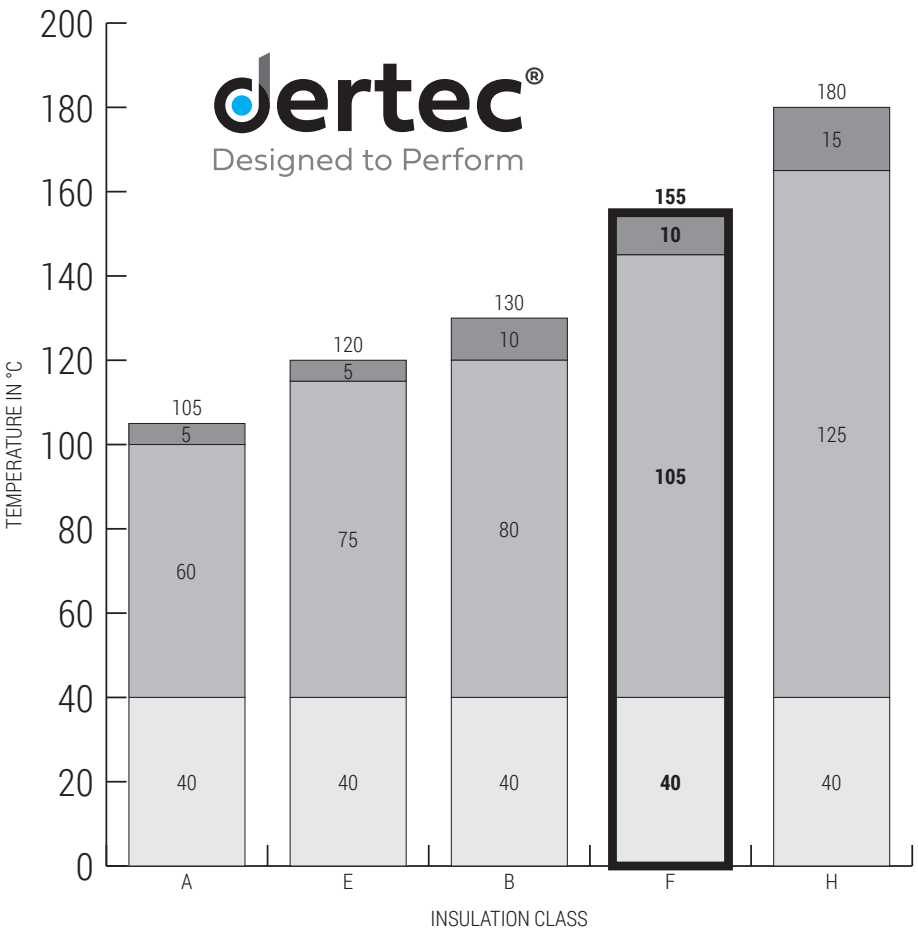
Note: Drives that rotate with the output shaft vertically up can be IP69K rated, but require extra attention to the seals. Even with a combined IP67 / IP69K designation, we cannot guarantee this mounting position without additional measures. Dertec offers various solutions for motors where the drive shaft is used vertically. Please contact Dertec to select the suitable seal for you.



Thermal insulation class

The thermal insulation classes are used to determine the temperature a motor can withstand in a particular application.
Exceeding this temperature can significantly reduce the service life of a motor. In normal operating conditions the ambient environment temperature for motors is **maximum** 40 °C. Our motors have Thermal Insulation **class F**, this means they withstands a temperature up to 155 °C. In and ambient environment of **maximum** 40 °C the motor temperature can rise by 105 °C with an additional temperature margin of 10 °C. All these measurements are in accordance with IEC60034-1.

Be aware that the temperature on the outside of the motor does differ from the internal temperature, so the motor can still run too hot even if the outside of the motor has an acceptable temperature.



Electric motors with built-in temperature monitoring elements
The PTC thermistors for protecting the motor windings, built in by DERTEC as standard, meet the requirements of DIN EN 60947-8, DIN 44081 and DIN 44082.
Switching value TC=135 °C

Specifications of the standard used PTC Thermistors

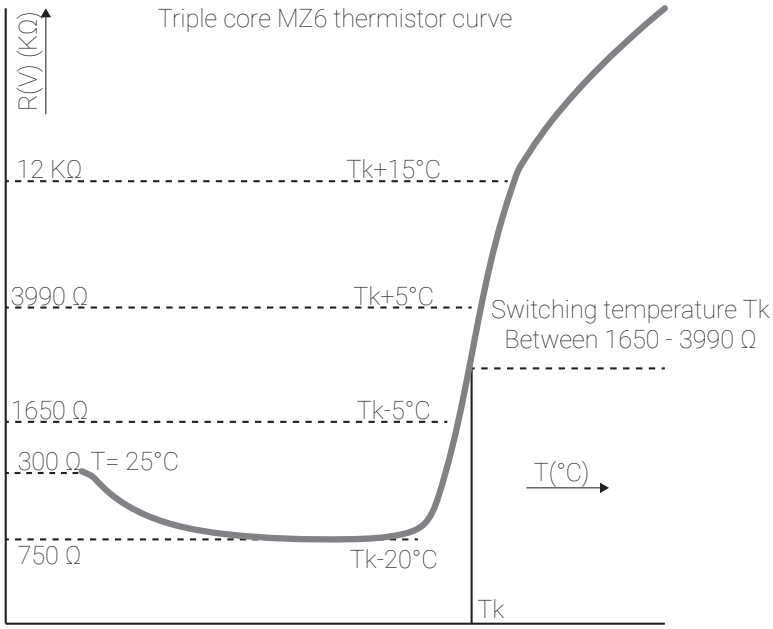
Technical parameter		Triple PTC	Units
Max. working voltage	Umax	30	V
normal using voltage	V	≤ 2,5	V
Rated action temperature	Tk	60 ~ 180	°C
TK tolerance		± 5	°C
TK repeatability	ΔT	± 0,5	°C
Resistance in normal temperature T=25°C±1°C (V<2.5V)	R25	≤ 300	Ω
PTC resistance at some temperature (V≤2.5V)	Tk-5°C	≤ 1650	Ω
PTC resistance at some temperature (V≤2.5V)	Tk+5°C	≥ 3990	Ω
PTC resistance at some temperature (V≤2.5V)	Tk+15°C	≥ 12	K Ω
-20°C ~ Tc--20°C		≤ 750	Ω
Tc reaction time	Td	< 5	S
Insulation strength	V	2,5	K
Maximum storage temperature	TImax	125	°C
Minimum storage temperature	TImin	-25	°C

Reaction temprature (Tc)	135°C
Wire color	Red
Wire color	Black

The built-in PTCs are installed to monitor the maximum motor temperature and are not intended to measure the exact motor temperature. If you want to measure the exact motor temperature, the installation of PT100 or PT1000 elements is necessary. Please contact our sales department.

Specifications of the bimetal thermal protectors installed as standard

Built-in bimetal thermal protectors: NC U=250VAC 50/60Hz 1.6A

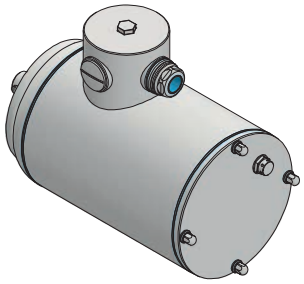


After the motor has cooled, the temperature monitoring elements automatically reset. It is possible that an automatic restart will occur. For safety reasons, you must ensure that the motor is connected in such a way that this can't happen.

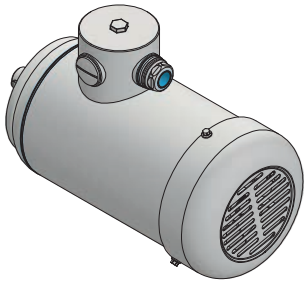
Cooling

It is your responsibility to determine which version is suitable for your application. The product range includes:

- TENV (Totally Enclosed, Non-Ventilated) motors, not equipped with cooling fins. Application is based on the Delta K values and local ambient temperature.
- TEFC (Totally Enclosed, Fan-Cooled) motors, designed to be cooled by a stream of air or sufficient ambient cooling. Cooling should be applied from 1 kw and above
- TEWC (Totally Enclosed, Water-Cooled) motors, equipped with water cooling.



TENV



TEFC

TEWC

Motors with water cooling

The free flow of water through an externally fitted jacket contributes to proper functioning and prevents damage due to overheating.
The water inlet and outlet must be connected to the couplings on the motor jacket. The cooling jacket must be bled; no air bubbles may remain in the housing. Trapped air will have a negative impact on cooling. The motor must be connected so it can only operate when the water cooling is running. Make sure the cooling jacket is always fully ventilated. The maximum cooling water temperature is 40 °C.

Electric motors with optional anti-condensation heater

The connection data for the anti-condensation heater are listed on the nameplate or an extra data plate. One of two different heating systems may be used:

- Heat supplied by heating elements connected to separate terminals
- Heat supplied by a winding by applying an AC voltage to terminals U1-V1

The electrical circuit must be connected so as to ensure that the motor and the anti-condensation heater are never powered at the same time.

Motor on = heating off
Motor off = heating on

Safety warnings

Before installation

Live or rotating parts of electrical machines can cause serious injury or death

- Bring your installation to a complete standstill.
- If motor is used in any equipment with a large social and public impact, take the proper protection measures in case of motor malfunction.
- Completely de-energise the installation.
- Take measures to protect against unintended reconnection.
- Verify the absence of voltage.
- Adjacent current-carrying parts must be shielded.
- Follow the instructions in the installation manual.
- The electrical installation must be carried out in accordance with the locally applicable regulations (e.g. correct cable diameters, cable glands, fuses, earthing cable, connection).

All transportation, installation, commissioning and maintenance work must be carried out by qualified experts
(pay attention to IEC 364 or CENELEC HD 384 or DIN VDE 0100 and IEC 664 or DIN VDE 0110 and the national accident prevention regulations).

The drive may not be opened without the manufacturer's permission.
Doing so will void the warranty. (This does not apply to the opening of the Terminal box.)

- Transport, installation, commissioning and maintenance must be performed by qualified personnel.
- The personnel must be instructed to act carefully and in accordance with the instructions during transport, lifting, positioning, re-commissioning and repair of the motor.
- Special drives may have a higher surface temperature due to certain aspects of their construction, such as enclosure design, installation arrangement and cooling. In such cases, special additional provisions around the drive may be required, such as:
- Protection against accidental contact with the surface of the motor
- Special cable connections for higher ambient temperatures

Live or rotating parts of electrical machines can cause serious injury or death

Although all drives are inspected before leaving production, a lot can happen during transport. We therefore recommend inspecting every drive before commissioning. In the case of an electric motor, the motor shaft must be easy to turn by hand and no parts should rub. In the case of a drive assembly (electric motor with attached gearbox), we recommend a visual inspection of parts such as shaft seals and filler plugs as well as an overall visual inspection for damage.

Environment

DERTEC stainless steel drives are suitable for use in extreme (washdown) environments such as those found in the food and pharmaceutical industries. DERTEC stainless steel drives are not intended and are not intrinsically suitable for underwater use. Installation in the open air, in direct intense sunlight will need to be carefully considered to avoid overheating.

Installation arrangement

The drives are exclusively intended for use in industrial installations, where they may be exposed to dirt, moisture and normal conditions based on their protection class (see nameplate, figure 4a, page 4). The drives can be used in locations with an ambient temperature of -20 °C to a maximum of +40 °C and up to 1000 metres above sea level.

If a fan cap is present (TEFC series), the intake and exhaust openings may not be obstructed and the airflow may not be restricted. Reduced cooling can drastically reduce the service life of the windings. In addition, regular inspection and cleaning of the intake and exhaust openings of the fan cap is recommended. To allow optimum cooling, a minimum distance of 25% of the diameter of the air intake opening in the fan cap must be maintained between the air intake opening in the fan cap and the machine frame.

**The heat sink and all other metal components can heat up to temperatures above 70°C
Touching parts such as this can result in local burns to the body parts concerned
(cooling times and clearance from neighbouring components must be adhered to)Power supply and connections**

The electric motor must be earthed in accordance with local regulations. The key mounted in the secondary shaft must be secured before the electric motor is started. The motor voltage and frequency must correspond to the local line voltage and be adequate for the machine load.

The electrical connections to the electric motor must be made by a qualified electrician working in accordance with the applicable safety instructions. This must be done in accordance with the current national guidelines and the installation and operating instructions. The electric motors operate in accordance with EN 60034-1, with voltage fluctuations of up to ±10% and/or frequency variations of up to ±2%. The mains data must correspond to the voltage and frequency data shown on the nameplate.

Perform connection of the motor, control circuit, overload protection and earthing in accordance with the local installation guidelines. Do not use motor protection devices that automatically reset. Unexpectedly starting the motor can cause serious injury or death.

Do not use defective devices or devices with defective or damaged housings or missing covers. Otherwise there is a risk of serious or fatal injuries caused by electric shock or bursting electrical components such as powerful electrolytic capacitors.

Cable and clamps

Connect the electric motors with the appropriate cable and clamps. Unused openings must be sealed with the supplied stainless steel plugs and matching O-rings.

Applied wire clamps, connecting sleeves and cable glands must be suitable for the applied cable diameters. Follow the recommendations in the instructions for use provided by the manufacturer of the cable and cable glands.

Wiring instructions

The following guidelines must be followed to prevent electrical interference with the motor protection devices:

- Shielded cables may be run next to a power cable.
- Unshielded cables may not be run next to a power cable.

Power cables include:

- Output cables from frequency and servo regulators, rectifiers, soft starters, brakes and phases of braking resistors etc.

Electrical connection of DERTEC stainless steel electric motors

DERTEC stainless steel electric motors are not equipped as standard with the usual terminal strip for connection to the motor power cable. The main reason for this is that mounting by means of terminal strips and cable lugs can often lead to undesired voltage flashover and short circuits. In the junction box you will find the winding connections as separate wires, which should be connected to the motor power cable with moisture-proof crimp connections in accordance with the wiring diagram. The shrink connections are not included in the scope of delivery but can be ordered from DERTEC.

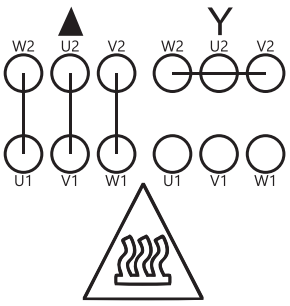
Motor instructions

Name plate

The DERTEC stainless steel electric motor and/or gearbox are labelled with a laser-applied nameplate (see figure below). The nameplate is attached to the housing such that it cannot be removed. This is done, in part, for hygienic reasons, as it eliminates the possibility of contaminant accumulation and bacteria growth behind the nameplate.

dertec®

FP2SS 8024 B14A TENV		3~ Stainless steel Hyhienic washdown motor			www.dertec.com	
IP66	IE3	Ins. CL. F 155C°	PTC 135°C	TP-NC 135°C	21,0 Kg	S1 100%
Voltage	**Frequency**	**Power**	**Speed**	**COSφ**	**Eff. @ 100%**	**Current**
Δ230V	50 Hz	0,75 kW	1440 min^{-1}	0,70	84,1%	3,20 A
Y400V	50 Hz	0,75 kW	1440 min^{-1}	0,70	84,1%	1,84 A
Δ276V	60 Hz	0,75 kW	1730 min^{-1}	0,68	83,8%	2,87 A
Y480V	60 Hz	0,75 kW	1730 min^{-1}	0,68	83,8%	1,65 A
IEC/EN60034	UL E506337	S. Nr.:			Prod. Date:	

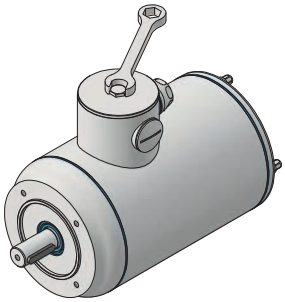


Line	Information
1	• Manufacturer • Certification
2	• Motor naming • Motor discription • Website
3	• IP Class • Efficienty • Insulation class • PTC switching temperature • BI-metal • Weight • Operation modus
4	• Voltage: Δ/**Y** • Frequency • Power • Speed • Cos φ • Eff. @ 100% • Current
5	• IEC Standards • Certificate of compliance • Serial number • Production date

Installation instructions
Dertec FP2SS Serie AC Motors

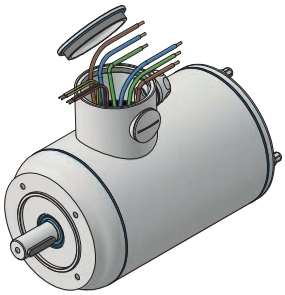
①

Open the cover of the junction box using an appropriate tool.
Prevent damage to the threads and O-ring.



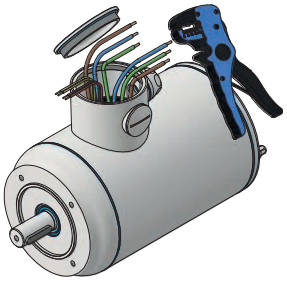
②

The connection cable and conductor ferrule must be suitable for temperatures up to 120 °C. Prepare the leads of the motor winding for the correct connection(Y or Δ) according to the motor nameplate. The red/ black marked wires are for the PTCs. The yellow marked wires are for the bimetal thermal protectors.



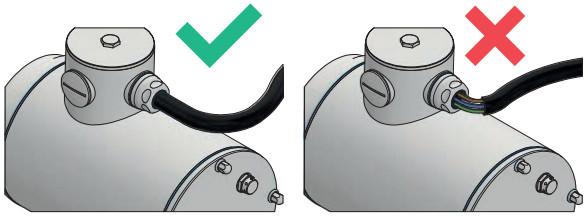
③

Carefully remove the insulation from the earthing cable and get an eye-type cable lug suitable for the cable used, with the corresponding diameter. Fit the cable lug onto the earthing cable. Crimp the cable eye to the earthing cable.



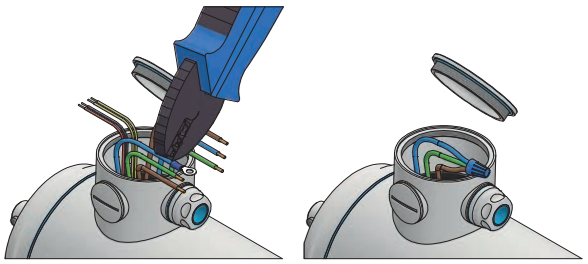
④

Route the cable through a suitable stainless steel
cable gland into the terminal box. In the example a stainless steel cable gland is used. Check that the cable gland diameter matches the cable diameter you are using. Ensure that the assembly and connection are performed so as to maintain the protection class. If the second cable entry will not be used, it must be thoroughly sealed with the supplied stainless steel blind nut and O-ring.



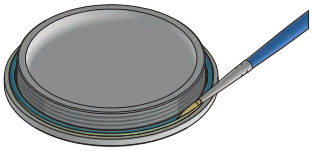
⑤

Connect the motor winding leads and the motor wires with suitable crimp connections in accordance with the wiring diagram. The same instructions apply for the built-in PTCs and bimetal thermal protectors. Connect the earth wire to the earth connection in the motor.



⑥

Lightly grease the O-ring and close the terminal box. Prevent any damage to the O-ring and make sure the cap is closed firmly.



Mounting

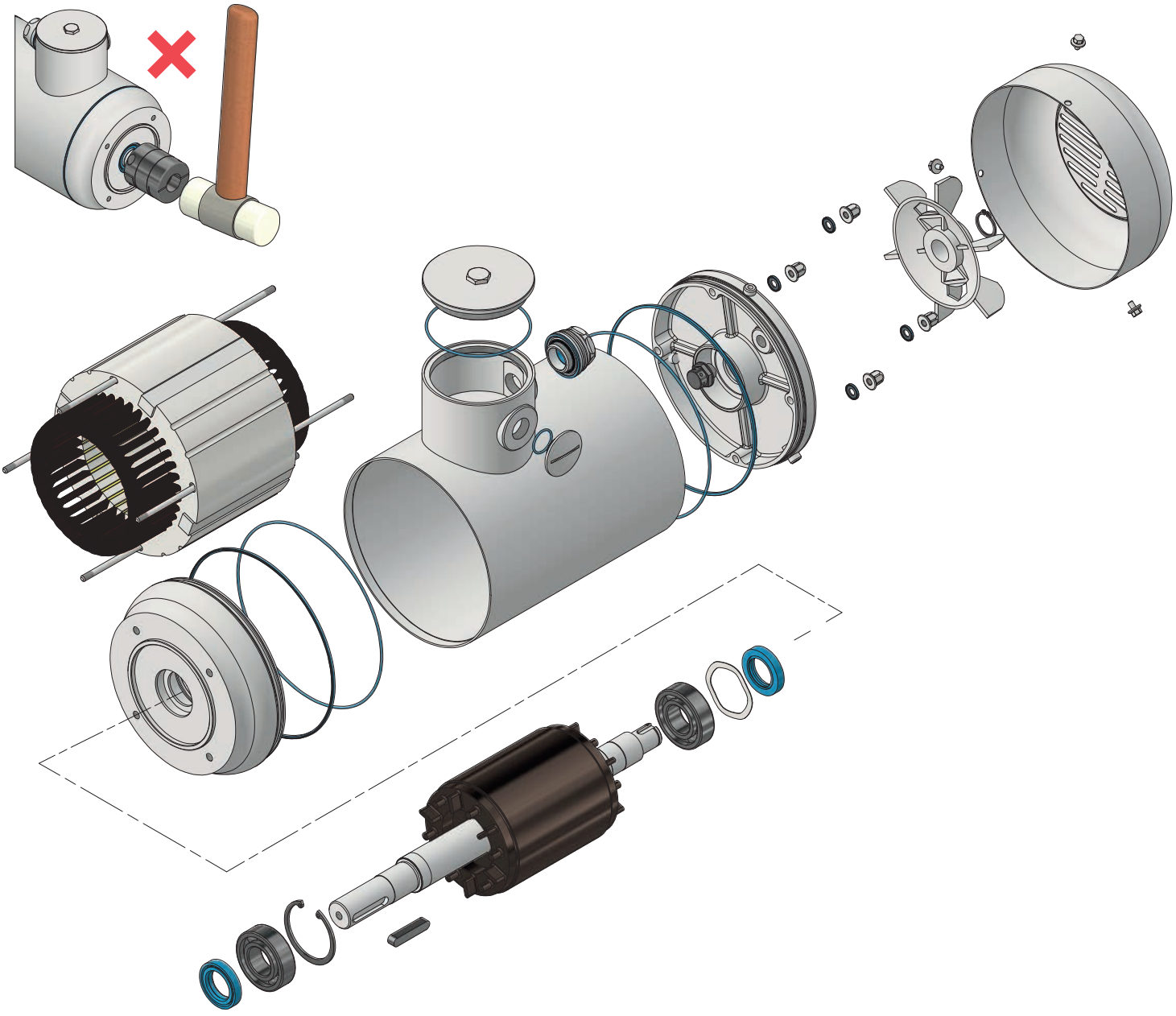
If the DERTEC stainless steel electric motor is not delivered as an assembly but rather is used as a stand-alone motor, the motor must be aligned in accordance with the instructions from the coupling or belt manufacturer. To prevent stress in the base plate, the mounting feet must be affixed to a flat surface.

Balancing

All the stainless steel electric motors are balanced with a half key. We recommend that you balance any belt pulleys or couplings you install in the same way. Failure to properly balance parts mounted on the shaft can cause unacceptable vibration and bearing damage.

- During installation, use the correct diameter mounting bolts, which must be carefully tightened and secured to prevent loosening during operation as a result of vibration and to avoid damage to the drive.
- If the drive/electric motor is installed vertically, measures must be taken to prevent small particles from falling through the fan cap, either by the way the installation is constructed or by installation of a canopy. This must not impede the flow of cooling air through the motor.

Pulleys or couplings may only be secured in place by means of the tapped hole in the face side of the shaft. If hammer blows are used to install pulleys or couplings on the shaft, the bearings may be irreparably damaged. Mount only carefully, dynamically balanced pulleys or couplings on the shaft end. Machines that are connected to the motor by a coupling must be aligned in accordance with the instructions provided by the coupling manufacturer.



Circuit diagram

Test run

When the drive/electric motor is connected and activated, it should start up smoothly and quietly. Otherwise, the motor must be de-energized immediately. Under normal circumstances, the drive will generate approx. 60 dB of noise at no load; at full load this can be up to approx. 65 dB. Higher values may indicate overload or damage to bearings or gears. It is recommend stopping the drive and determining the cause before reconnecting the motor/drive. Check first whether the motor is connected correctly.

Also check things such as:

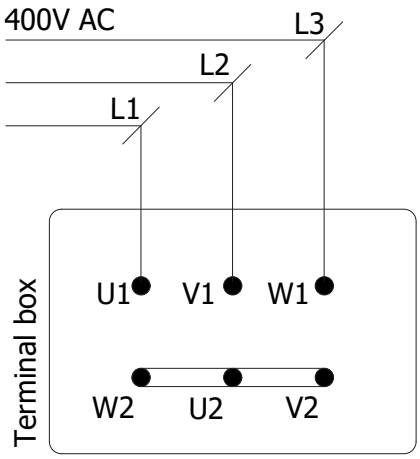
- Correct connections (star or delta)
- Overload/prevented from turning
- Connections made properly
- Does the connection voltage match the locally available values?

Star / delta connection

Dertec A-synchronous motors can be connected either star or delta as shown in the diagrams below. The following formulas apply,

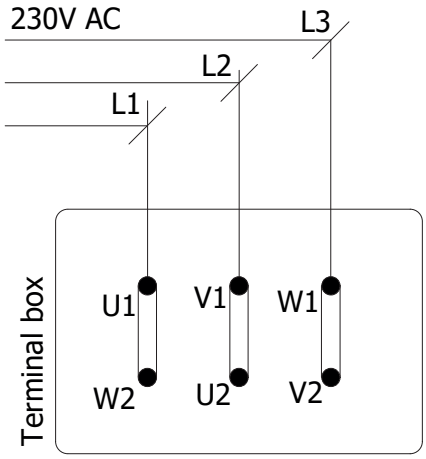
for Star connection:

$I_{ph} = I_n$; $U_{ph} = U_n / \sqrt{3}$



for Delta connection:

Iph = In / √3 ; Uph = Un



Operation of 50 Hz motors connected directly on 60 Hz mains

50 Hz	60 Hz	NN	PN	MN	IN
230V	230V	ca. + 20%	same	- 17%	same
400V	400V	ca. + 20%	same	- 17%	1,00
400V	460V	ca. + 20%	+/- 0%	- 17%	- 10%

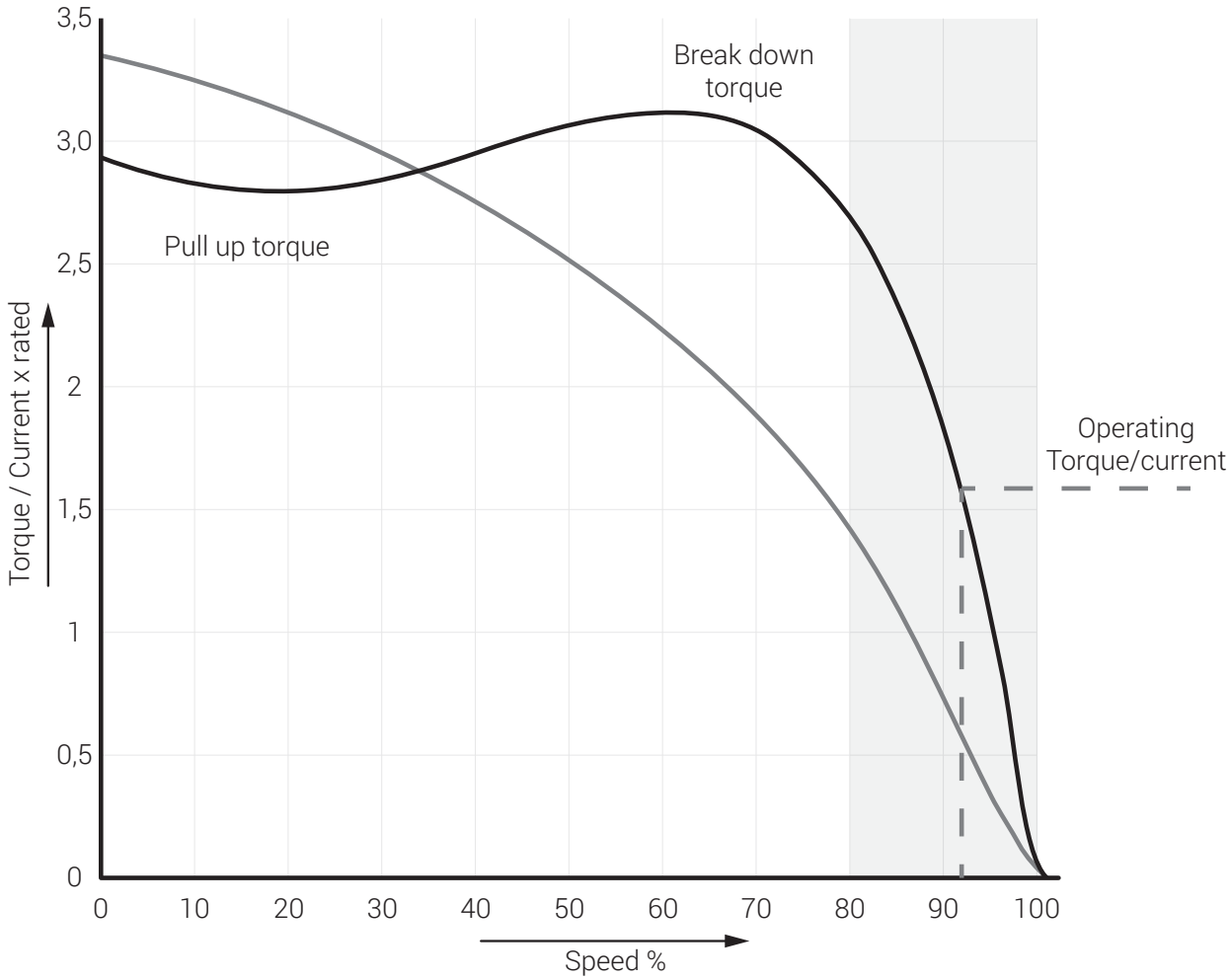
Before operation

- Make sure that the motor shaft/drive shaft is clean and undamaged. If necessary, use standard cleaning agents. The cleaning agent must not come into contact with the bearings or shaft seals. This can result in damage of the bearings and seals.
- Check whether the motor has become damp during transport or storage. If so, the insulation resistance must be measured (test voltage: 500 V). The insulation resistance is highly dependent on the temperature. At normal motor temperature (20-25 °C) this will not be less than 5 MΩ.
- If the insulation resistance is insufficient, the motor must be dried. To ensure that the moisture exits the motor we recommend that the motor be opened (consult the assembly/disassembly instructions). The motor can be dried faster in a drying oven at a maximum temperature of 100 °C. Before doing so, contact the manufacturer in connection with the validity of the warranty.

Without prior approval you will void the warranty.

Direct online

When connecting the motor direct to mains Voltage the following graph can be applied.



- This work must be performed by qualified personnel. See the applicable repair instructions for re-assembly.
- Check the direction of rotation and operation at no load. If it is necessary to change the direction of rotation, swap two phases.
- If the motor has just come out of storage and has not run in a long time, we recommend running the motor at no load for 30 minutes. This is to ensure adequate grease distribution and thereby prevent overheating of the bearings.
- Compare the operating current with the current data on the nameplate. The motor protection devices must be set to the current levels corresponding to those on the nameplate. The current value indicated on the nameplate must not be exceeded under continuous load.

Run the motor under load for at least one hour while listening for unusual noises and checking for an increase in temperature. Vibrations of Veff <3.5 mm/s at PN <15 kW and Veff <4.5 mm/s at PN >15 kW do not pose a problem during operation. If there are deviations from normal operation, such as elevated temperatures, noises or vibrations, we recommend contacting the manufacturer.

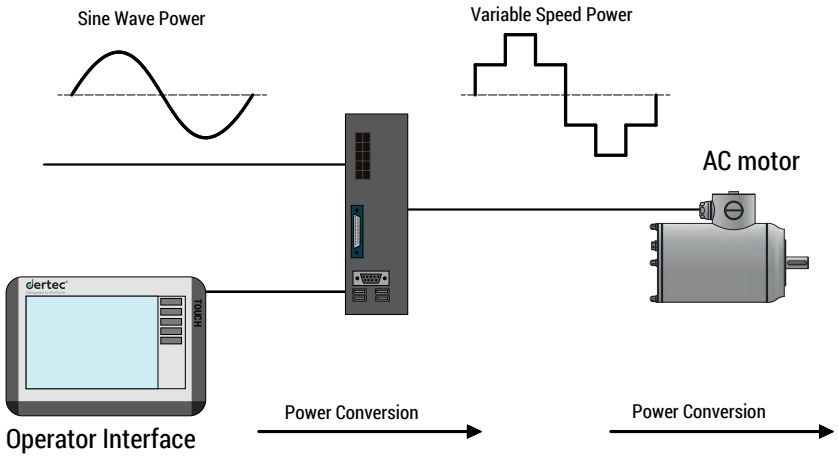
General cleaning

Switch off the installation and ensure that the motors are de-energized.
Clean the drive in accordance with the locally applicable regulations, but observe the following:

- Preferably use warm water (approx. 40 °C) with mild detergents. Cold water contributes to condensation due to pressure differences.
- Condensation can damage the motor winding and ball bearings, and moisture in the lubricant can cause damage to the gearboxes.
- From an environmental point of view, it is advisable to use gentle, diluted chemical detergents.
- Before cleaning is started the drive temperature must have dropped to approx. 25 °C.
- Check that all junction boxes are closed.
- Avoid directing a high pressure stream of water towards the cable glands or seals. These can be damaged and cause electrical or other problems, Prevention is better than cure!

Frequency inverter

All DERTEC stainless steel drives and electric motors between 20 and 70 Hz are suitable for use in combination with frequency inverters.



For operation with frequency inverters, we recommend that the motors be protected with PTC sensors. The PTCs and/or bimetal thermal protectors (135 °C) installed by DERTEC as standard are only suitable for use in control circuits and must never be connected in series with the motor.

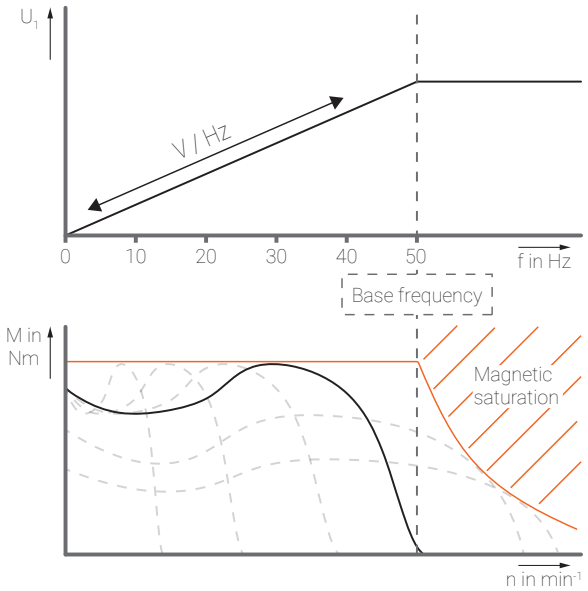
When used in combination with a frequency inverter, the electromagnetic compatibility of the drive must be tested in accordance with EMC directive 89/336/EEC. Considering the efficiency curve of AC motors at lower speeds, the motor will develop more heat at lower frequencies. In order to achieve the highest achievable efficiency of a drive, we advise you to match the motor speed and gearbox ratio such that the secondary speed is very close to your desired speed. If a drive is used at partial load, the drive will generate more heat than at full load. This is a result of reduced efficiency of an electric motor at partial load. This applies to all motors, not just those from DERTEC. However, due to the lack of cooling fins, this is more noticeable in stainless steel motors.

In some cases, the use of DERTEC Pm synchronous motors may be worth considering.
These motors have a different efficiency curve in partial load and are therefore ideal for use in partial load.

Cable lengths in excess of approx. 30 metres must be avoided in order to prevent damage caused by harmonic peaks to the motor or frequency inverter. Consult the instructions for use of the frequency inverter used or consult your installer about the use of filters.

Basic rules when using frequency inverters and DERTEC stainless steel electric motors

- Above 50/60 Hz the torque will decrease (see graph below).
- For uncooled motors (TENV), the set frequency should be between 20 and 70 Hz
- For cooled motors (TEFC), the set frequency should be between 40 and 70 Hz. The main reason for this is that the fan must have some speed to cool the motor. DERTEC offers the possibility of using water-cooled motors if lower frequencies are desired.



Maintenance
Every six months or 3,000 operating hours (whichever comes first) we recommend that you:
- Check for running noise (bearings)
- Check damping element in the torque arm (if present)
- Inspect the shaft seals
- Remove dirt on and around the shaft seals

Every five years:
- Replace shaft seals with original DERTEC seals

After maintenance, we recommend filling the drives with lubricant as stated on the nameplate.

PAO and PAG lubricants may never be mixed. Mixing these types will lead to internal damage.

We recommend having the drives serviced by DERTEC or by DERTEC-qualified maintenance companies.
Make sure that OEM parts are always used and that, in particular, the seals used are of the prescribed quality.

Motor Selection

Output speed combined with gearbox

The motor speed is defined by the number of poles and the input frequency. There is a direct correlation between the poles and frequency, if the amount of poles doubles, the motor speed is cut in half. The table underneath shows the different amount of poles and the matching idle speed.

Number of poles	2	4	6	8
Idle speed (RPM)	3000	1500	1000	750

If motor is attached to a gearbox, the output speed of the shaft changes, according to the gearbox ratio. Following the calculated output speed.

$$n_{Gearbox} = \frac{n_{Motor}}{i}$$

$n_{Gearbox} = Gearbox\ speed$ $[rpm]$
$n_{Motor} = Motor\ speed$ $[kW]$
$i = Gearbox\ ratio$ $[-]$

Operation modus

Operation modes according to **DIN 57530**

S1	Continuous operation	The motor works at a constant load for enough time to reach temperature equilibrium.
S2	Short-term operation	The motor works at a constant load, but not long enough to reach temperature equilibrium. The motor is not started again until the motor temperature is less than 2 degrees above ambient temperature.
S3	Intermittent operation	Sequential, identical run and rest cycles with constant load. Temperature equilibrium is never reached. Starting current has little effect on temperature rise.
S4	Intermittent operation with starting	Sequential, identical start, run and rest cycles with constant load. Temperature equilibrium is not reached, but starting current affects temperature rise.
S5	Intermittent operation with electric braking	Sequential, identical cycles of starting, running at constant load and running with no load. No rest periods.
S6	Continuous operation with intermittent load	Sequential, identical cycles of running with constant load and running with no load. No rest periods.
S7	Continuous operation with electric breaking	Sequential identical cycles of starting, running at constant load and electric braking. No rest periods.
S8	Continuous operation with periodic changes in load and speed	Sequential, identical duty cycles run at constant load and given speed, then run at other constant loads and speeds. No rest periods.

Torque calculations

Electrical Power

The theoretical electric power can be calculated using the input voltage, current and power factor.

$$P_{Elec} = \sqrt{3} * U * I * \cos\Phi$$

$P_{Elec} = Power$ $[kVA]$
$U = Line\ to\ line\ voltage$ $[V]$
$I = Current$ $[A]$
$\cos\Phi = Power\ factor$ $[-]$

Mechanical Power

The mechanical power is calculated using the torque and the speed of the motor.

$$P_{Mech} = \frac{M * n}{9550^{(1)}}$$

$P = Power$ $[kW]$
$M = Torque$ $[Nm]$
$n = Speed$ $[rpm]$

Mechanical Torque

The mechanical torque of the motor can be calculated using the power and the speed.

$$M = \frac{P * 9550^{(1)}}{n}$$

$M = Torque$ $[Nm]$
$P = Power$ $[kW]$
$n = Speed$ $[rpm]$

Gearbox output torque

The mechanical output torque of a motor, combined with a gearbox can be calculated using the Motor torque, power and gearbox efficiency.

$$M_{Gearbox} = \frac{P * 9550 * \eta}{n}$$

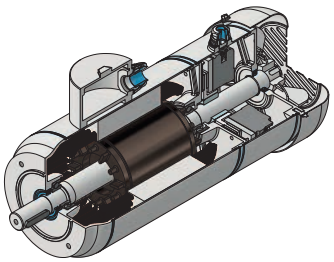
$M = Torque$ $[Nm]$
$P = Motor\ power$ $[kW]$
$n = Gearbox\ output\ peed$ $[rpm]$
$\eta = Gearbox\ efficiency$ $[\%]$

(1) : $9550 = \frac{60*1000}{2*\pi}$ = constant derived from the calculation of all factors when the numerical values entered in kW, rpm and torque, in Nm.

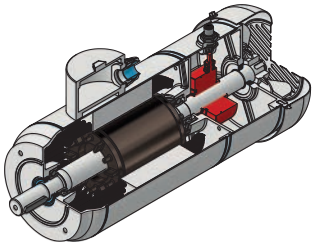
Motor options

Motor options

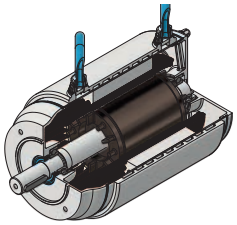
Brake (EJ)
The motors can be equipped with brakes to prevent undesired rotations or make fast emergency stops.
Brakes uses a strong spring mechanism, in combination with a counter-acting electromagnetic force.
When power is applied to the brake the motor turns freely.
Once the power is disconnected, the springs engages the brake discs and the motor will come to a full stop.
Brakes can be powered internally within the terminal box, or externally from a control box.



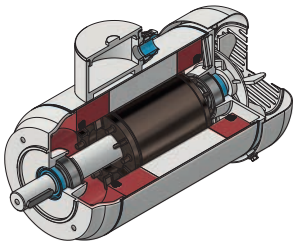
Encoder (EN)
Some applications require a speed feedback system.
This can be achieved by the optionally integrated incremental encoder.
The encoder is connected to a frequency inverter or control system,
which read the encoder signal according to TTL or HTL logic.
The resolution or amount of pulses of the encoder can be configured as desired. (Standard 1024)



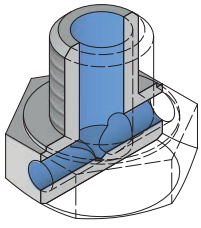
Water cooling (WC)
If a compact form factor is desired and non-cooled motor is not an option, water cooling could be an solution.
The motor is equipped with two fittings, which are used as water in- and output.



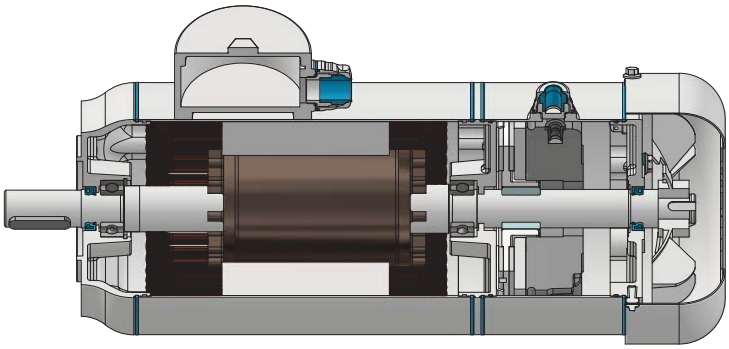
Encapsulated winding (EW)
Harsh environments decrease the lifespan of the motor.
Water or condensation inside the coils can form corrosion, which decreases the performance of the motor.
Encapsulated windings prevent this from happening and make the motor more durable in high humid environments.



Water T-drain (TD)
Dependent on the environment of the motor,
temperature and humidity can cause water condensation inside of the motor,
which decreases the performance of the motor.
Two T-drains can be placed on the lowest point of the motor to remove the build up water from the housing.



Brake Motors

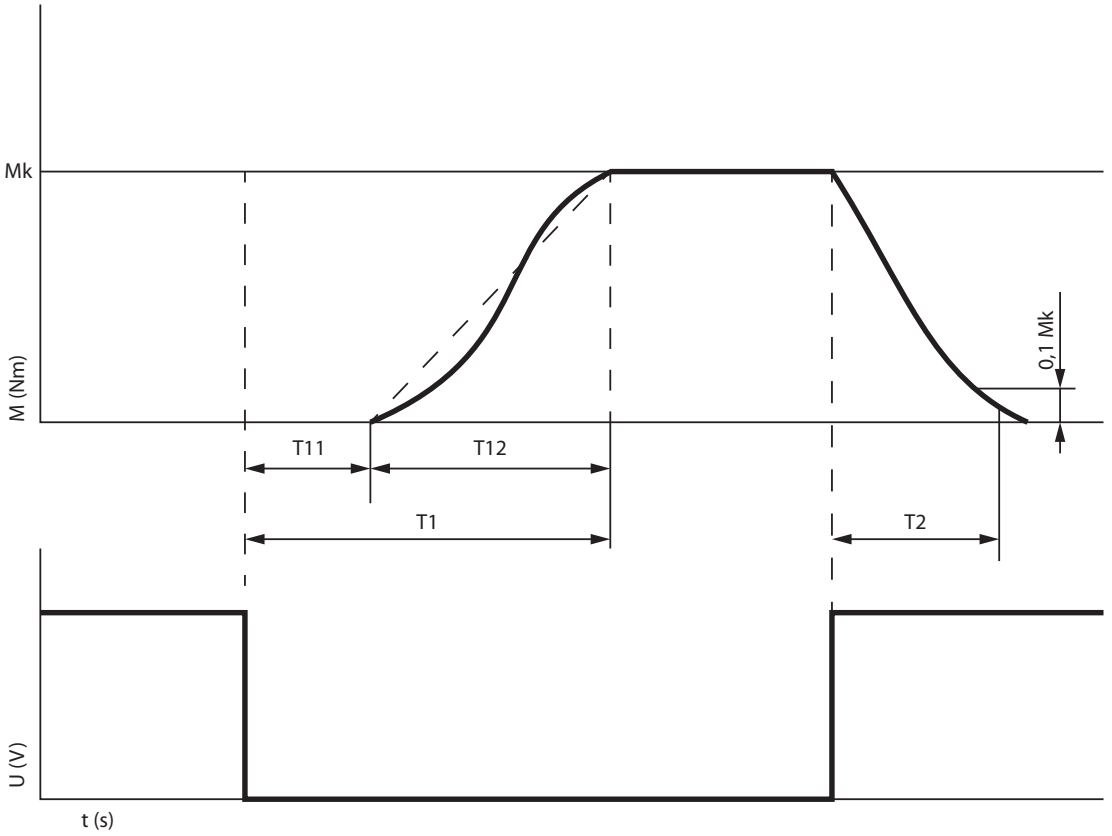


	Power (kW)	Ventilation	Brake Type*	Rated brake torque (Nm)	Engagement DC-switching**			Disengagement
					t11 (ms)	t12 (ms)	t1 (ms)	t2 (ms)
IEC 63	0,12 - 0,25	Not Ventilated	06N	4	15	13	28	45
IEC 71	0,18 - 0,55	Not Ventilated	06N	4	15	13	28	45
IEC 80	0,55 - 0,75	Not Ventilated	08N	8	15	16	31	57
IEC 90	0,75	Not Ventilated	10N	16	28	19	47	79
IEC 90	1,1 - 2,2	Fan Cooled	10N	16	28	19	47	79
IEC 100	0,75	Not Ventilated	12N	32	28	25	53	115
IEC 100	1,1 - 3	Fan Cooled	12N	32	28	25	53	115

*Lenze INTORQ BFK458 spring-applied brakes (basic module N without torque adjustment ring)
**Note that when switching on AC side engagement time is approx. 10 times higher

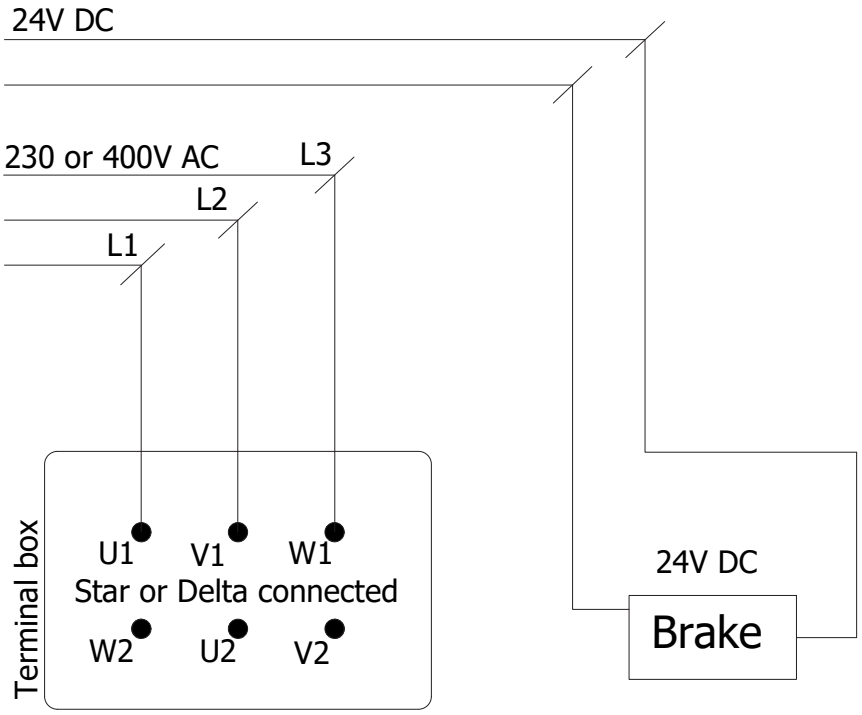
Brake engagement time graph

T1	Engagement time
T2	Disengagement time (up to M= 0.1 Mr
M-rated	MK
T11	Delay time during engagement
T12	Rise time of the brake torque
U	Voltage



Dertec motors are equipped with a DC brake coil. This coil can be supplied directly (DC switching) or through a rectifier located inside the motor. To ensure full IP69K protection it is strongly discouraged to open the motor. This means the brake motor connection has to be chosen before ordering

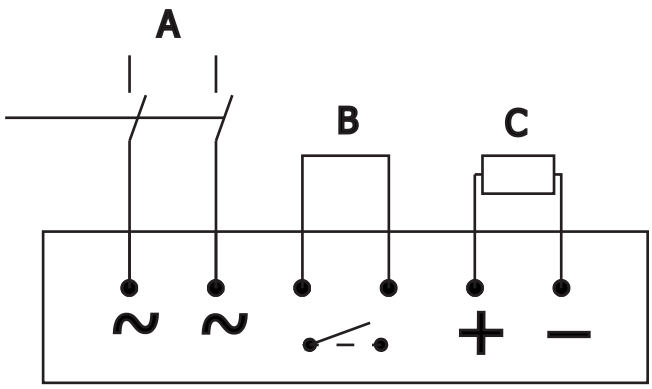
Direct 24V DC switching
Connect the motor star or delta according to the motor connection instructions. The brake is locked when the current is not flowing. Connect the two wires from the back of the motor to the drive and apply the indicated DC voltage to unlock the brake



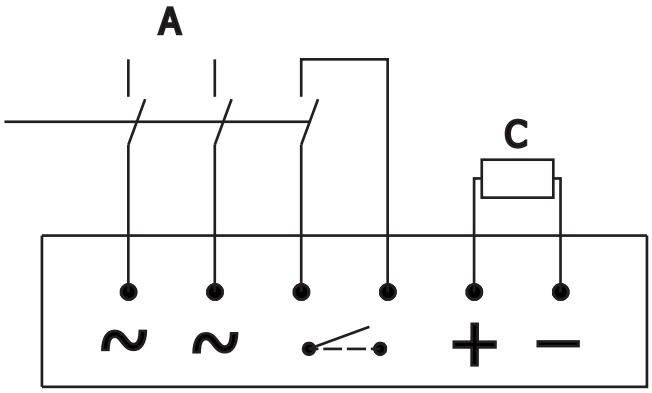
For switching on the DC side the brake must be operated with a spark suppressor to avoid impermissible over voltages

Faster engagement
For almost all applications the engagement time for AC switching is satisfactory. For applications that require a faster engagement time it is possible to connect a switch that increases the engagement time. This switch is to be connected as displayed in the diagram below. The table with engagement times displays the engagement time for DC switching, the engagement time for AC switching is approximately 10 times higher

Normal switch-off times



Reduced switch-off times

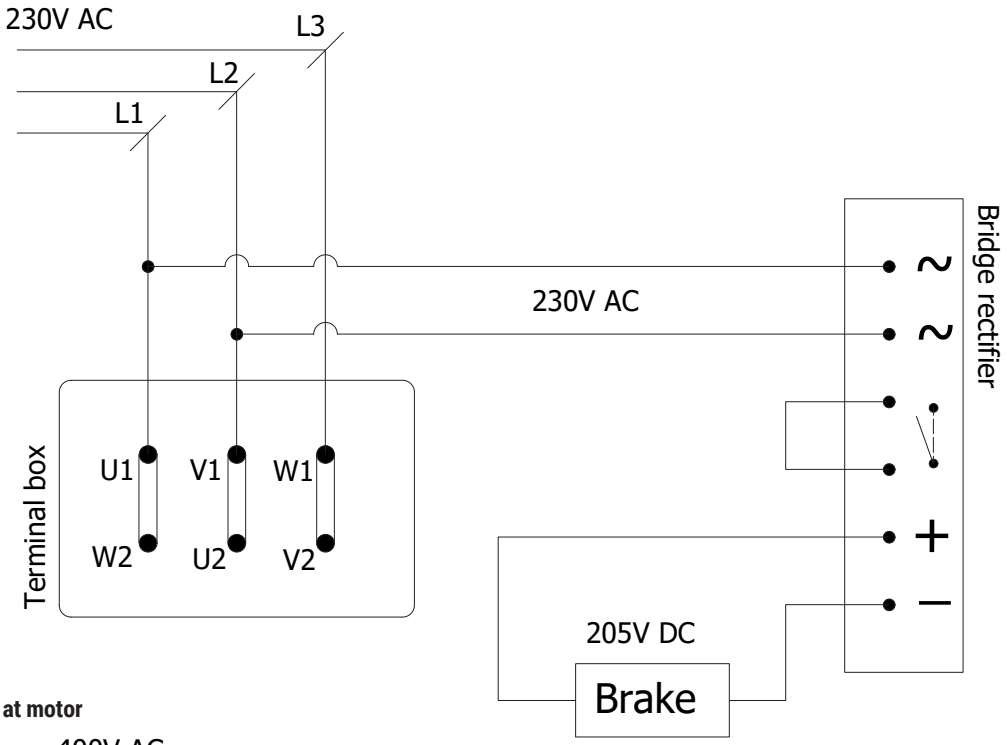


A= Mains **B=** Bridge **C=** brake coil

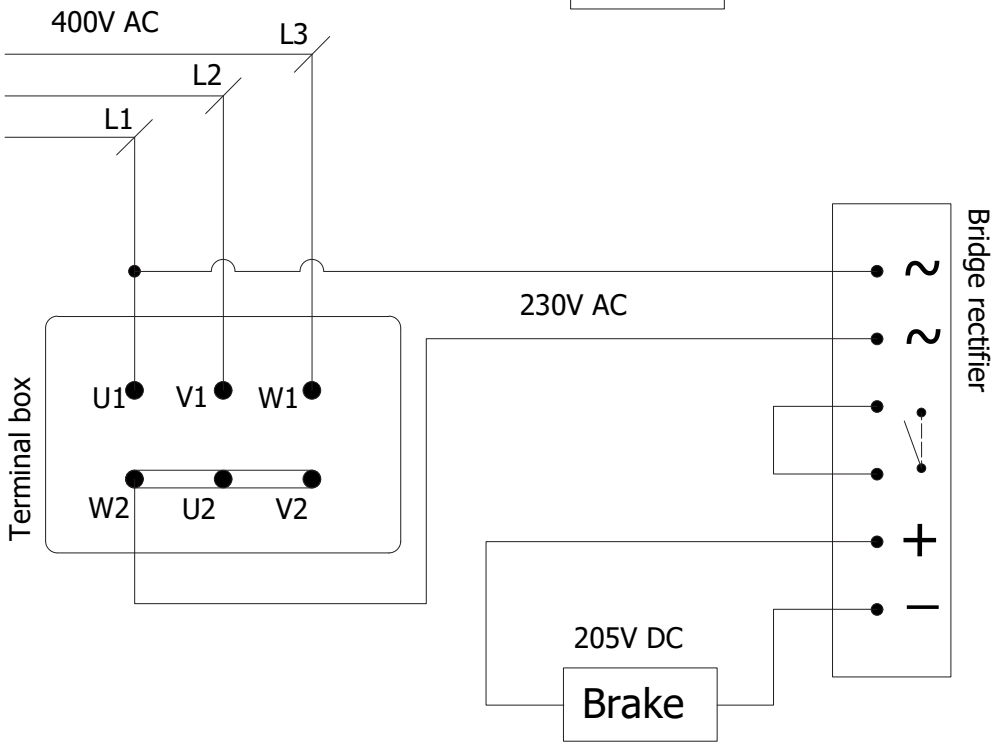
AC switching

There are two ways to use an AC switching brake. These connection methods both use a rectifier to convert the incoming AC current to DC current.
The first one is to connect the wires to the drive and provide the indicated AC Voltage (switching at mains).
The other way is to connect the brake directly in the terminal box of the motor (switching at motor).
Using the bridge-rectifier in the motor and a connection diagram as below it is possible to connect the motor star or delta and connect the brake in the terminal box. Switching at mains is also possible, to do this provide 230V AC current to the rectifier. As shown in the switching at mains diagram.

Delta AC switching at motor



Star AC switching at motor



Motor specifications

Motor specifications

FP3SS
2 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 561-2	50	2	0,09	2830	230	400	0,4	0,2	70,5%	0,83	0,3	0,9	0,9	1,9	1,1	5
	60			3450	265	460	0,4	0,2	70,5%	0,79	0,2	0,8	0,9	2,0	1,2	
FP3SS 562-2	50	2	0,12	2820	230	400	0,5	0,3	71,5%	0,85	0,4	1,0	1,1	2,3	1,3	6
	60			3410	265	460	0,4	0,2	72,5%	0,84	0,3	0,9	1,0	2,4	1,4	
FP3SS 631-2	50	2	0,18	2800	230	400	0,9	0,5	67,0%	0,78	0,6	1,2	1,4	3,8	2,2	8,2
	60			3340	265	460	0,7	0,4	69,0%	0,76	0,5	1,1	1,2	4,1	2,4	
FP3SS 632-2	50	2	0,25	2850	230	400	1,1	0,7	75,0%	0,74	0,8	2,5	2,5	7,3	4,2	10,2
	60			3480	265	460	1,0	0,6	75,0%	0,72	0,7	2,2	2,2	7,3	4,2	
FP3SS 711-2	50	2	0,37	2830	230	400	1,4	0,8	77,9%	0,84	1,2	3,7	4,4	9,2	5,3	11,6
	60			3440	265	460	1,2	0,7	78,0%	0,83	1,0	3,6	4,1	10,0	5,8	
FP3SS 712-2	50	2	0,55	2870	230	400	2,1	1,2	77,8%	0,84	1,8	7,3	8,2	18,0	10,4	14,6
	60			3450	265	460	1,9	1,1	77,8%	0,83	1,5	6,1	6,9	18,6	10,7	
FP3SS 801-2	50	2	0,75	2880	230	400	2,6	1,5	81,0%	0,88	2,5	6,2	8,0	18,8	10,8	21,6
	60			3500	265	460	2,3	1,3	81,9%	0,87	2,0	5,1	7,2	19,3	11,1	

FP3SS
4 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 561-4	50	4	0,06	1380	230	400	0,4	0,2	65,0%	0,63	0,4	0,8	0,9	1,1	0,6	5
	60			1700	265	460	0,3	0,2	66,0%	0,58	0,3	0,7	0,7	1,2	0,7	
FP3SS 562-4	50	4	0,09	1400	230	400	0,5	0,3	71,0%	0,59	0,6	1,4	1,5	1,8	1,0	6
	60			1700	265	460	0,5	0,3	71,0%	0,57	0,5	1,2	1,3	1,7	1,0	
FP3SS 631-4	50	4	0,12	1350	230	400	0,7	0,4	64,8%	0,64	0,8	2,0	2,0	2,3	1,3	7,2
	60			1650	265	460	0,6	0,4	66,0%	0,61	0,7	2,1	2,1	2,5	1,5	
FP3SS 632-4	50	4	0,18	1400	230	400	0,9	0,5	69,9%	0,69	1,2	3,1	3,1	3,7	2,2	9,4
	60			1700	265	460	0,8	0,5	70,6%	0,67	1,0	2,5	2,5	4,1	2,4	
FP3SS 711-4	50	4	0,25	1430	230	400	1,1	0,6	79,8%	0,73	1,7	4,2	5,0	5,4	3,1	11,4
	60			1740	265	460	1,0	0,6	79,2%	0,70	1,4	3,4	4,1	5,9	3,4	
FP3SS 712-4	50	4	0,37	1420	230	400	1,6	0,9	80,6%	0,70	2,5	6,2	7,5	9,1	5,2	12,8
	60			1700	265	460	1,4	0,8	80,4%	0,70	2,1	5,2	6,2	8,6	5,0	
FP3SS 801-4	50	4	0,55	1440	230	400	2,3	1,3	81,8%	0,72	3,6	10,9	10,9	15,2	8,8	17,9
	60			1730	265	460	2,0	1,2	81,8%	0,72	3,0	9,7	10,6	15,3	8,8	
FP3SS 802-4	50	4	0,75	1440	230	400	3,2	1,8	84,1%	0,70	5,0	17,4	17,4	24,0	13,8	22
	60			1750	265	460	2,9	1,7	83,8%	0,68	4,1	16,4	16,4	24,7	14,2	

FP3SS
6 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 711-6	50	6	0,18	920	230	400	0,9	0,5	68,0%	0,72	1,9	3,7	4,3	3,7	2,1	12,8
	60			1130	265	460	0,8	0,5	70,0%	0,69	1,5	3,3	4,0	3,5	2,0	
FP3SS 712-6	50	6	0,25	930	230	400	1,3	0,7	69,2%	0,70	2,6	5,6	6,4	4,9	2,8	13,6
	60			1130	265	460	1,1	0,7	72,0%	0,67	2,1	5,3	7,4	4,7	2,7	
FP3SS 801-6	50	6	0,37	930	230	400	1,7	1,0	76,0%	0,70	3,8	8,4	9,5	7,3	4,2	18,8
	60			1130	265	460	1,5	0,9	78,2%	0,67	3,1	6,9	9,4	7,7	4,4	
FP3SS 802-6	50	6	0,55	930	230	400	2,4	1,4	77,8%	0,74	5,6	12,4	14,1	9,6	5,5	23
	60			1130	265	460	2,1	1,2	80,2%	0,71	4,6	11,2	13,9	9,5	5,5	
FP3SS 90S-6	50	6	0,75	950	230	400	3,3	1,9	82,4%	0,70	7,5	18,8	24,1	16,3	9,4	31,4
	60			1150	265	460	3,1	1,8	82,3%	0,64	6,2	16,8	21,8	18,6	10,7	

Type = Motortype
Freq. = Frequency [Hz]
Pole Nr. = Number of poles
Power = Rated Power [kW]
Speed = Motorspeed [Min^{-1}]
Power V = Voltage Δ or Y [V]
Current A = Current Δ or Y [A]
Eff. H @100%= Efficiency at 100% Power [%]
Cos φ @100% = Power factor at 100% power [%]
TN = Nominal Torque [Nm]
Tst = Starting Torque [Nm]
Tmax = Maximum Torque [Nm]
Ist A = Starting Current Δ or Y [A]
Weight = Motor weight [kg]

FP3SS
2 pole Fan-Cooled

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 802-2	50	2	1,1	2900	230	400	3,7	2,1	84,3%	0,88	3,6	8,0	9,1	23,5	13,5	21,3
	60			3500	265	460	3,2	1,8	85,2%	0,88	3,0	6,6	7,5	24,0	13,8	
FP3SS 90S-2	50	2	1,5	2880	230	400	5,3	3,0	85,0%	0,84	5,0	14,9	14,9	47,5	27,4	22,1
	60			3500	265	460	4,7	2,7	83,3%	0,84	4,1	12,3	12,3	46,7	27,0	
FP3SS 90L-2	50	2	2,2	2870	230	400	7,4	4,3	88,0%	0,85	7,3	16,1	18,3	66,4	38,4	27,2
	60			3480	265	460	6,6	3,8	87,0%	0,84	6,0	13,3	15,1	65,6	37,9	
FP3SS 100L-2	50	2	3	2910	230	400	9,6	5,5	87,1%	0,90	9,8	21,7	29,5	74,9	43,3	42,4
	60			3520	265	460	8,3	4,8	87,1%	0,90	8,1	17,9	24,4	75,0	43,3	
FP3SS 112M-2	50	2	4	2900	400	690	7,4	4,3	88,1%	0,88	13,2	39,5	46,1	74,5	43,0	50
	60			3500	460	*	6,5	*	88,0%	0,88	10,9	32,7	38,2	71,3	71,3	
FP3SS 132S1-2	50	2	5,5	2930	400	690	9,8	5,7	90,3%	0,90	17,9	35,9	53,8	81,1	47,0	75,5
	60			3540	460	*	8,5	*	90,4%	0,90	14,8	29,7	47,5	79,8	79,8	
FP3SS 132S2-2	50	2	7,5	2940	400	690	13,1	7,6	91,5%	0,90	24,4	53,6	73,1	118,3	68,6	82
	60			3550	460	*	11,5	*	89,6%	0,91	20,2	44,4	66,6	115,5	115,5	
FP3SS 160M1-2	50	2	11	2950	400	690	19,3	11,2	91,2%	0,90	35,6	71,2	128,2	141,2	81,9	135
	60			3560	460	*	17,0	*	91,2%	0,89	29,5	67,9	118,0	136,1	136,1	
FP3SS 160M2-2	50	2	15	2960	400	690	26,2	15,2	91,9%	0,90	48,4	101,6	174,2	196,3	113,8	160
	60			3560	460	*	22,7	*	92,0%	0,90	40,2	96,6	161,0	186,5	186,5	
FP3SS 160L-2	50	2	18,5	2960	400	690	31,9	18,5	92,9%	0,90	59,7	137,3	226,8	249,1	144,4	180
	60			3560	460	*	27,8	*	92,9%	0,90	49,6	129,0	208,4	241,6	138,0	

FP3SS
4 pole Fan-Cooled

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 90S-4	50	4	1,1	1430	230	400	4,1	2,3	84,1%	0,81	7,3	18,4	22,0	26,3	15,2	19,5
	60			1740	265	460	3,5	2,0	84,3%	0,81	6,0	18,1	19,3	26,3	15,2	
FP3SS 90L-4	50	4	1,5	1440	230	400	5,5	3,2	85,9%	0,80	9,9	29,8	29,8	41,1	23,6	22,2
	60			1750	265	460	4,7	2,7	87,2%	0,79	8,2	28,7	32,7	41,3	23,8	
FP3SS 100L1-4	50	4	2,2	1450	230	400	7,5	4,3	87,1%	0,84	14,5	43,5	50,7	56,6	32,6	43,3
	60			1760	265	460	6,7	3,9	86,7%	0,82	11,9	35,8	41,8	53,9	31,1	
FP3SS 100L2-4	50	4	3	1450	230	400	10,6	6,1	87,0%	0,82	19,8	59,3	59,3	84,5	48,6	50,1
	60			1750	265	460	9,0	5,2	89,4%	0,81	16,4	54,0	65,5	81,2	46,8	
FP3SS 112M-4	50	4	4	1460	400	690	7,8	4,5	88,2%	0,84	26,2	65,4	65,4	66,2	38,4	54
	60			1760	460	*	7,0	*	86,5%	0,83	21,7	65,1	65,1	62,9	62,9	
FP3SS 132S-4	50	4	5,5	1460	400	690	10,7	6,2	89,8%	0,83	36,0	72,0	107,9	69,2	40,1	85
	60			1760	460	*	9,3	*	89,7%	0,83	29,8	59,7	89,5	64,9	64,9	
FP3SS 132M-4	50	4	7,5	1460	400	690	14,4	8,3	89,6%	0,84	49,1	98,1	147,2	100,7	58,4	96
	60			1760	460	*	12,5	*	90,0%	0,84	40,7	89,5	130,2	93,4	93,4	
FP3SS 160M-4	50	4	11	1470	400	690	20,4	11,8	92,6%	0,84	71,5	157,2	228,7	140,9	81,7	157
	60			1770	460	*	17,7	*	93,0%	0,84	59,4	136,5	213,7	134,3	134,3	
FP3SS 160L-4	50	4	15	1470	400	690	27,2	15,8	93,0%	0,86	97,4	214,4	311,8	187,7	108,8	180
	60			1770	460	*	23,8	*	93,0%	0,85	80,9	194,2	291,4	183,4	108,8	

FP3SS
6 pole Fan-Cooled

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP3SS 90L-6	50	6	1,1	940	230	400	4,6	2,6	81,0%	0,74	11,2	25,7	30,2	21,2	12,2	30,5
	60			1150	265	460	4,1	2,3	83,0%	0,71	9,1	22,8	27,4	22,4	12,9	
FP3SS 100L1-6	50	6	1,5	940	230	400	6,1	3,5	82,5%	0,75	15,2	30,5	35,1	24,3	14,0	46,6
	60			1150	265	460	5,4	3,1	84,0%	0,72	12,5	24,9	31,1	24,3	14,0	
FP3SS 112M-6	50	6	2,2	960	230	400	8,9	5,1	84,8%	0,74	21,9	43,8	50,3	39,9	22,9	44,5
	60			1170	265	460	7,7	4,4	86,5%	0,72	18,0	35,9	46,7	38,4	22,1	
FP3SS 132S-6	50	6	3	970	400	690	11,9	6,8	85,6%	0,74	29,5	41,4	67,6	52,3	30,1	65
	60			1170	460	*	10,9	*	88,0%	0,68	24,5	36,7	61,2	52,2	30,1	

Type = Motortype
Freq. = Frequency [Hz]
Pole Nr. = Number of poles
Power = Rated Power [kW]
Speed = Motorspeed [Min^{-1}]
Power V = Voltage Δ or Y [V]
Current A = Current Δ or Y [A]
Eff. H @100%= Efficiency at 100% Power [%]
Cos φ @100% = Power factor at 100% power [%]
TN = Nominal Torque [Nm]
Tst = Starting Torque [Nm]
Tmax = Maximum Torque [Nm]
Ist A = Starting Current Δ or Y [A]
Weight = Motor weight [kg]

Motor specifications

FP2SS
2 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 561-2	50	2	0,09	2830	230	400	0,4	0,2	70,5%	0,83	0,3	0,9	0,9	1,9	1,1	5
	60			3450	265	460	0,4	0,2	70,5%	0,79	0,2	0,8	0,9	2,0	1,2	
FP2SS 562-2	50	2	0,12	2820	230	400	0,5	0,3	71,5%	0,85	0,4	1,0	1,1	2,3	1,3	6
	60			3410	265	460	0,4	0,2	72,5%	0,84	0,3	0,9	1,0	2,4	1,4	
FP2SS 631-2	50	2	0,18	2800	230	400	0,9	0,5	67,0%	0,78	0,6	1,2	1,4	3,8	2,2	8,2
	60			3340	265	460	0,7	0,4	69,0%	0,76	0,5	1,1	1,2	4,1	2,4	
FP2SS 632-2	50	2	0,25	2850	230	400	1,1	0,7	75,0%	0,74	0,8	2,5	2,5	7,3	4,2	10,2
	60			3480	265	460	1,0	0,6	75,0%	0,72	0,7	2,2	2,2	7,3	4,2	
FP2SS 711-2	50	2	0,37	2830	230	400	1,4	0,8	77,9%	0,84	1,2	3,7	4,4	9,2	5,3	11,6
	60			3440	265	460	1,2	0,7	78,0%	0,83	1,0	3,6	4,1	10,0	5,8	
FP2SS 712-2	50	2	0,55	2870	230	400	2,1	1,2	77,8%	0,84	1,8	7,3	8,2	18,0	10,4	14,6
	60			3450	265	460	1,9	1,1	77,8%	0,83	1,5	6,1	6,9	18,6	10,7	
FP2SS 801-2	50	2	0,75	2880	230	400	2,6	1,5	81,0%	0,88	2,5	6,2	8,0	18,8	10,8	21,6
	60			3500	265	460	2,3	1,3	81,9%	0,87	2,0	5,1	7,2	19,3	11,1	

FP2SS
4 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 561-4	50	4	0,06	1380	230	400	0,4	0,2	65,0%	0,63	0,4	0,8	0,9	1,1	0,6	5
	60			1700	265	460	0,3	0,2	66,0%	0,58	0,3	0,7	0,7	1,2	0,7	
FP2SS 562-4	50	4	0,09	1400	230	400	0,5	0,3	71,0%	0,59	0,6	1,4	1,5	1,8	1,0	6
	60			1700	265	460	0,5	0,3	71,0%	0,57	0,5	1,2	1,3	1,7	1,0	
FP2SS 631-4	50	4	0,12	1350	230	400	0,7	0,4	64,8%	0,64	0,8	2,0	2,0	2,3	1,3	7,2
	60			1650	265	460	0,6	0,4	66,0%	0,61	0,7	2,1	2,1	2,5	1,5	
FP2SS 632-4	50	4	0,18	1400	230	400	0,9	0,5	69,9%	0,69	1,2	3,1	3,1	3,7	2,2	9,4
	60			1700	265	460	0,8	0,5	70,6%	0,67	1,0	2,5	2,5	4,1	2,4	
FP2SS 711-4	50	4	0,25	1430	230	400	1,1	0,6	79,8%	0,73	1,7	4,2	5,0	5,4	3,1	11,4
	60			1740	265	460	1,0	0,6	79,2%	0,70	1,4	3,4	4,1	5,9	3,4	
FP2SS 712-4	50	4	0,37	1420	230	400	1,6	0,9	80,6%	0,70	2,5	6,2	7,5	9,1	5,2	12,8
	60			1700	265	460	1,4	0,8	80,4%	0,70	2,1	5,2	6,2	8,6	5,0	
FP2SS 801-4	50	4	0,55	1440	230	400	2,3	1,3	81,8%	0,72	3,6	10,9	10,9	15,2	8,8	17,9
	60			1730	265	460	2,0	1,2	81,8%	0,72	3,0	9,7	10,6	15,3	8,8	
FP2SS 802-4	50	4	0,75	1440	230	400	3,2	1,8	84,1%	0,70	5,0	17,4	17,4	24,0	13,8	22
	60			1750	265	460	2,9	1,7	83,8%	0,68	4,1	16,4	16,4	24,7	14,2	

FP2SS
6 pole Non-Ventilated

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 711-6	50	6	0,18	920	230	400	0,9	0,5	68,0%	0,72	1,9	3,7	4,3	3,7	2,1	12,8
	60			1130	265	460	0,8	0,5	70,0%	0,69	1,5	3,3	4,0	3,5	2,0	
FP2SS 712-6	50	6	0,25	930	230	400	1,3	0,7	69,2%	0,70	2,6	5,6	6,4	4,9	2,8	13,6
	60			1130	265	460	1,1	0,7	72,0%	0,67	2,1	5,3	7,4	4,7	2,7	
FP2SS 801-6	50	6	0,37	930	230	400	1,7	1,0	76,0%	0,70	3,8	8,4	9,5	7,3	4,2	18,8
	60			1130	265	460	1,5	0,9	78,2%	0,67	3,1	6,9	9,4	7,7	4,4	
FP2SS 802-6	50	6	0,55	930	230	400	2,4	1,4	77,8%	0,74	5,6	12,4	14,1	9,6	5,5	23
	60			1130	265	460	2,1	1,2	80,2%	0,71	4,6	11,2	13,9	9,5	5,5	
FP2SS 90S-6	50	6	0,75	950	230	400	3,3	1,9	82,4%	0,70	7,5	18,8	24,1	16,3	9,4	31,4
	60			1150	265	460	3,1	1,8	82,3%	0,64	6,2	16,8	21,8	18,6	10,7	

Type = Motortype
Freq. = Frequency [Hz]
Pole Nr. = Number of poles
Power = Rated Power [kW]
Speed = Motorspeed [Min^{-1}]
Power V = Voltage Δ or Y [V]
Current A = Current Δ or Y [A]
Eff. H @100%= Efficiency at 100% Power [%]
Cos φ @100% = Power factor at 100% power [%]
TN = Nominal Torque [Nm]
Tst = Starting Torque [Nm]
Tmax = Maximum Torque [Nm]
Ist A = Starting Current Δ or Y [A]
Weight = Motor weight [kg]

FP2SS
2 pole Fan-Cooled

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 802-2	50	2	1,1	2900	230	400	3,7	2,1	84,3%	0,88	3,6	8,0	9,1	23,5	13,5	21,3
	60			3500	265	460	3,2	1,8	85,2%	0,88	3,0	6,6	7,5	24,0	13,8	
FP2SS 90S-2	50	2	1,5	2880	230	400	5,3	3,0	85,0%	0,84	5,0	14,9	14,9	47,5	27,4	22,1
	60			3500	265	460	4,7	2,7	83,3%	0,84	4,1	12,3	12,3	46,7	27,0	
FP2SS 90L-2	50	2	2,2	2870	230	400	7,4	4,3	88,0%	0,85	7,3	16,1	18,3	66,4	38,4	27,2
	60			3480	265	460	6,6	3,8	87,0%	0,84	6,0	13,3	15,1	65,6	37,9	
FP2SS 100L-2	50	2	3	2910	230	400	9,6	5,5	87,1%	0,90	9,8	21,7	29,5	74,9	43,3	42,4
	60			3520	265	460	8,3	4,8	87,1%	0,90	8,1	17,9	24,4	75,0	43,3	
FP2SS 112M-2	50	2	4	2900	400	690	7,4	4,3	88,1%	0,88	13,2	39,5	46,1	74,5	43,0	50
	60			3500	460	*	6,5	*	88,0%	0,88	10,9	32,7	38,2	71,3	71,3	
FP2SS 132S1-2	50	2	5,5	2930	400	690	9,8	5,7	90,3%	0,90	17,9	35,9	53,8	81,1	47,0	75,5
	60			3540	460	*	8,5	*	90,4%	0,90	14,8	29,7	47,5	79,8	79,8	
FP2SS 132S2-2	50	2	7,5	2940	400	690	13,1	7,6	91,5%	0,90	24,4	53,6	73,1	118,3	68,6	82
	60			3550	460	*	11,5	*	89,6%	0,91	20,2	44,4	66,6	115,5	115,5	
FP2SS 160M1-2	50	2	11	2950	400	690	19,3	11,2	91,2%	0,90	35,6	71,2	128,2	141,2	81,9	135
	60			3560	460	*	17,0	*	91,2%	0,89	29,5	67,9	118,0	136,1	136,1	
FP2SS 160M2-2	50	2	15	2960	400	690	26,2	15,2	91,9%	0,90	48,4	101,6	174,2	196,3	113,8	160
	60			3560	460	*	22,7	*	92,0%	0,90	40,2	96,6	161,0	186,5	186,5	
FP2SS 160L-2	50	2	18,5	2960	400	690	31,9	18,5	92,9%	0,90	59,7	137,3	226,8	249,1	144,4	180
	60			3560	460	*	27,8	*	92,9%	0,90	49,6	129,0	208,4	241,6	138,0	

FP2SS
4 pole Fan-Cooled

Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 90S-4	50	4	1,1	1430	230	400	4,1	2,3	84,1%	0,81	7,3	18,4	22,0	26,3	15,2	19,5
	60			1740	265	460	3,5	2,0	84,3%	0,81	6,0	18,1	19,3	26,3	15,2	
FP2SS 90L-4	50	4	1,5	1440	230	400	5,5	3,2	85,9%	0,80	9,9	29,8	29,8	41,1	23,6	22,2
	60			1750	265	460	4,7	2,7	87,2%	0,79	8,2	28,7	32,7	41,3	23,8	
FP2SS 100L1-4	50	4	2,2	1450	230	400	7,5	4,3	87,1%	0,84	14,5	43,5	50,7	56,6	32,6	43,3
	60			1760	265	460	6,7	3,9	86,7%	0,82	11,9	35,8	41,8	53,9	31,1	
FP2SS 100L2-4	50	4	3	1450	230	400	10,6	6,1	87,0%	0,82	19,8	59,3	59,3	84,5	48,6	50,1
	60			1750	265	460	9,0	5,2	89,4%	0,81	16,4	54,0	65,5	81,2	46,8	
FP2SS 112M-4	50	4	4	1460	400	690	7,8	4,5	88,2%	0,84	26,2	65,4	65,4	66,2	38,4	54
	60			1760	460	*	7,0	*	86,5%	0,83	21,7	65,1	65,1	62,9	62,9	
FP2SS 132S-4	50	4	5,5	1460	400	690	10,7	6,2	89,8%	0,83	36,0	72,0	107,9	69,2	40,1	85
	60			1760	460	*	9,3	*	89,7%	0,83	29,8	59,7	89,5	64,9	64,9	
FP2SS 132M-4	50	4	7,5	1460	400	690	14,4	8,3	89,6%	0,84	49,1	98,1	147,2	100,7	58,4	96
	60			1760	460	*	12,5	*	90,0%	0,84	40,7	89,5	130,2	93,4	93,4	
FP2SS 160M-4	50	4	11	1470	400	690	20,4	11,8	92,6%	0,84	71,5	157,2	228,7	140,9	81,7	157
	60			1770	460	*	17,7	*	93,0%	0,84	59,4	136,5	213,7	134,3	134,3	
FP2SS 160L-4	50	4	15	1470	400	690	27,2	15,8	93,0%	0,86	97,4	214,4	311,8	187,7	108,8	180
	60			1770	460	*	23,8	*	93,0%	0,85	80,9	194,2	291,4	183,4	108,8	

FP2SS
6 pole Fan-Cooled

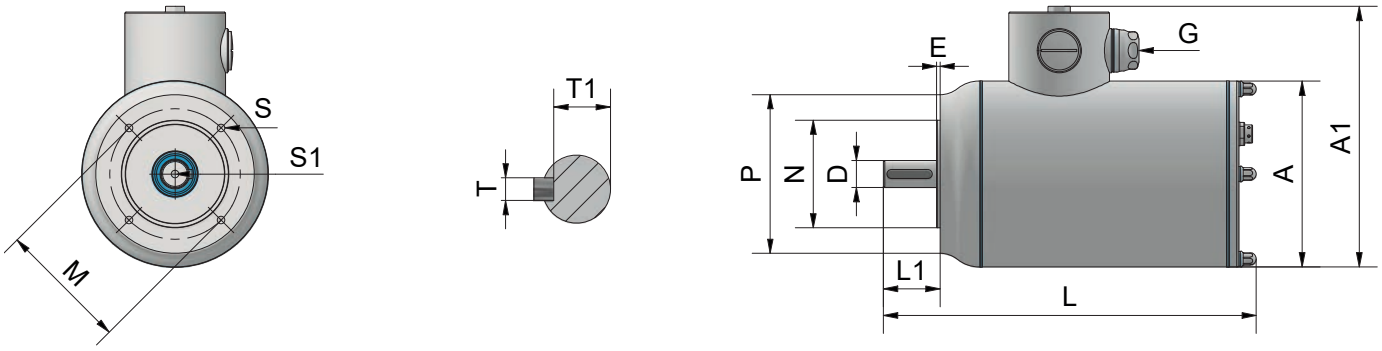
Type	[Hz]	Pole Nr.	Power [kW]	Speed [Min-1]	Power Δ [V]	Power Y [V]	Current Δ [A]	Current Y [A]	Eff. H	Cos φ	TN [Nm]	Tst [Nm]	Tmax [Nm]	Is Δ [A]	Is Y [A]	Weight [Kg]
FP2SS 90L-6	50	6	1,1	940	230	400	4,6	2,6	81,0%	0,74	11,2	25,7	30,2	21,2	12,2	30,5
	60			1150	265	460	4,1	2,3	83,0%	0,71	9,1	22,8	27,4	22,4	12,9	
FP2SS 100L1-6	50	6	1,5	940	230	400	6,1	3,5	82,5%	0,75	15,2	30,5	35,1	24,3	14,0	46,6
	60			1150	265	460	5,4	3,1	84,0%	0,72	12,5	24,9	31,1	24,3	14,0	
FP2SS 112M-6	50	6	2,2	960	230	400	8,9	5,1	84,8%	0,74	21,9	43,8	50,3	39,9	22,9	44,5
	60			1170	265	460	7,7	4,4	86,5%	0,72	18,0	35,9	46,7	38,4	22,1	
FP2SS 132S-6	50	6	3	970	400	690	11,9	6,8	85,6%	0,74	29,5	41,4	67,6	52,3	30,1	65
	60			1170	460	*	10,9	*	88,0%	0,68	24,5	36,7	61,2	52,2	30,1	

Type = Motortype
Freq. = Frequency [Hz]
Pole Nr. = Number of poles
Power = Rated Power [kW]
Speed = Motorspeed [Min^{-1}]
Power V = Voltage Δ or Y [V]
Current A = Current Δ or Y [A]
Eff. H @100%= Efficiency at 100% Power [%]
Cos φ @100% = Power factor at 100% power [%]
TN = Nominal Torque [Nm]
Tst = Starting Torque [Nm]
Tmax = Maximum Torque [Nm]
Ist A = Starting Current Δ or Y [A]
Weight = Motor weight [kg]

Motor dimensions

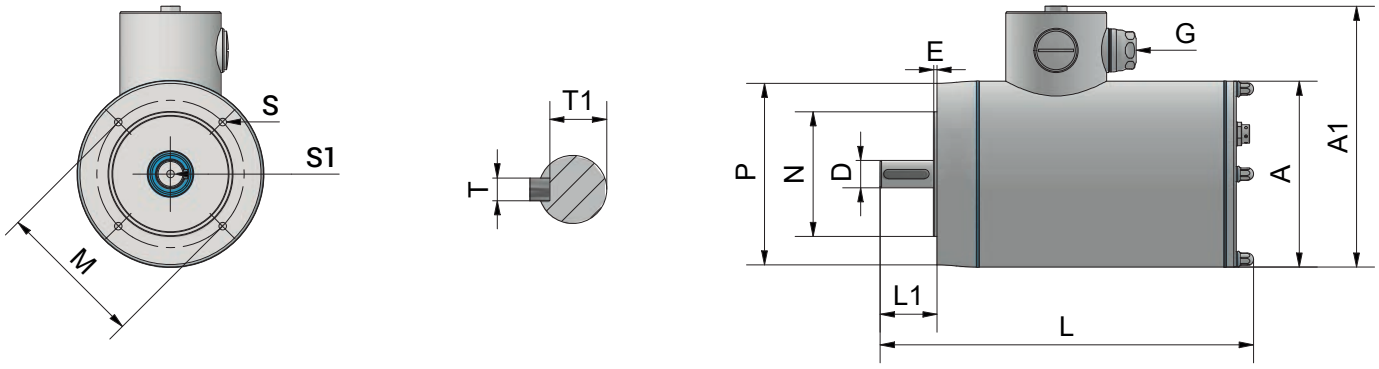
Motor dimensions

FP3SS B14A TENV



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 561-2 B14A TENV	0,09	214	104	166	M20x1.5	65	50	80	M5	2,5	9	20	3	7,2	M3
FP3SS 562-2 B14A TENV	0,12	234													
FP3SS 561-4 B14A TENV	0,06	214													
FP3SS 562-4 B14A TENV	0,09	234													
FP3SS 631-2 B14A TENV	0,18	211	114	175	M20x1.5	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3SS 632-2 B14A TENV	0,25	236													
FP3SS 631-4 B14A TENV	0,12	211													
FP3SS 632-4 B14A TENV	0,18	236													
FP3SS 711-2 B14A TENV	0,37	244	134	196	M20x1.5	85	70	105	M6	2,5	14	30	5	16	M5
FP3SS 712-2 B14A TENV	0,55	274													
FP3SS 711-4 B14A TENV	0,25	244													
FP3SS 712-4 B14A TENV	0,37	254													
FP3SS711-6 B14A TENV	0,18	254													
FP3SS 712-6 B14A TENV	0,25	274													
FP3SS 801-2 B14A TENV	0,75	337	144	207	M20x1.5	100	80	120	M6	3	19	40	6	21,5	M6
FP3SS 801-4 B14A TENV	0,55	307													
FP3SS 802-4 B14A TENV	0,75	347													
FP3SS 801-6 B14A TENV	0,37	307													
FP3SS 802-6 B14A TENV	0,55	347													
FP3SS 90S-6 B14A TENV	0,75	395	164	229	M25x1.5	115	95	140	M8	3	24	50	8	27	M8

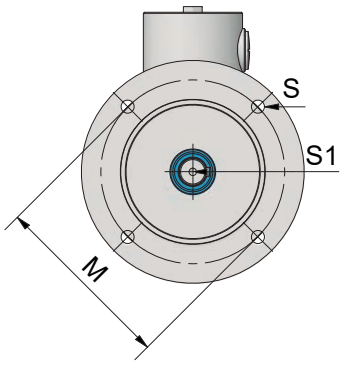
FP3SS B14B TENV

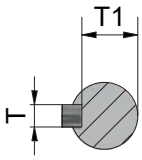


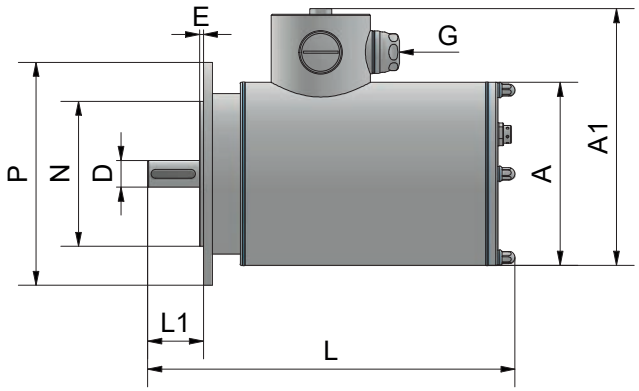
Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 631-2 B14B TENV	0,18	211	114	175	M20x1.5	100	80	120	M6	3	11	23	4	12,5	M4
FP3SS 632-2 B14B TENV	0,25	236													
FP3SS 631-4 B14B TENV	0,12	211													
FP3SS 632-4 B14B TENV	0,18	236													
FP3SS 711-2 B14B TENV	0,37	244	134	196	M20x1.5	115	95	140	M8	3	14	30	5	16	M5
FP3SS 712-2 B14B TENV	0,55	274													
FP3SS 711-4 B14B TENV	0,25	244													
FP3SS 712-4 B14B TENV	0,37	254													
FP3SS711-6 B14B TENV	0,18	254													
FP3SS 712-6 B14B TENV	0,25	274													
FP3SS 801-2 B14B TENV	0,75	337	144	207	M20x1.5	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3SS 801-4 B14B TENV	0,55	307													
FP3SS 802-4 B14B TENV	0,75	347													
FP3SS 801-6 B14B TENV	0,37	307													
FP3SS 802-6 B14B TENV	0,55	347													
FP3SS 90S-6 B14B TENV	0,75	395	164	229	M25x1.5	130	110	160	M8	3,5	24	50	8	27	M8

Motor dimensions

FP3SS B5 TENV

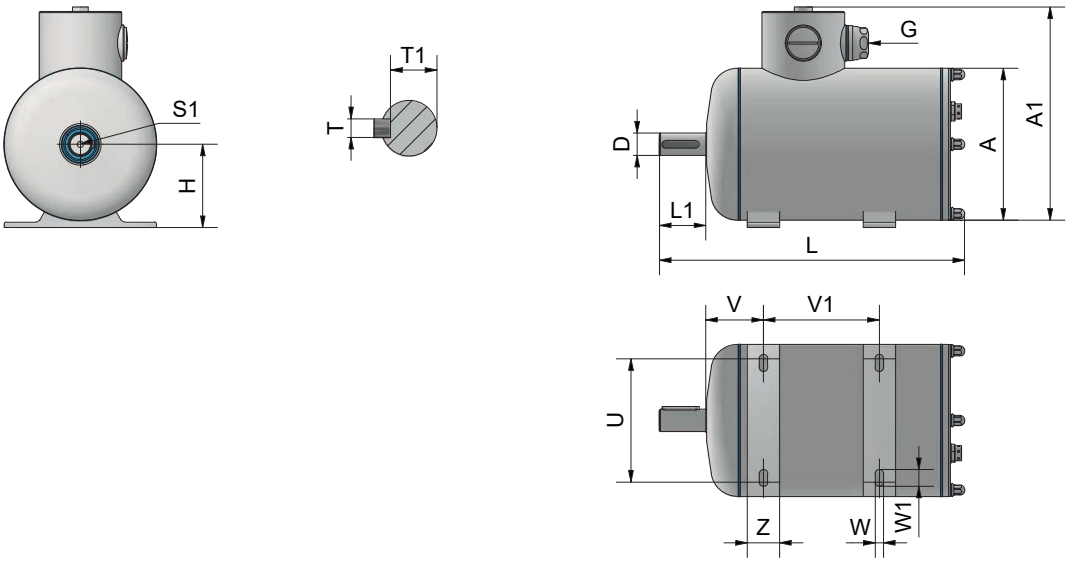






Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 631-2 B5 TENV	0,18	211	114	175	M20x1.5	115	95	140	10	2,5	11	23	4	12,5	M4
FP3SS 632-2 B5 TENV	0,25	236													
FP3SS 631-4 B5 TENV	0,12	211													
FP3SS 632-4 B5 TENV	0,18	236													
FP3SS 711-2 B5 TENV	0,37	244	134	196	M20x1.5	130	110	160	10	3,5	14	30	5	16	M5
FP3SS 712-2 B5 TENV	0,55	274													
FP3SS 711-4 B5 TENV	0,25	244													
FP3SS 712-4 B5 TENV	0,37	254													
FP3SS711-6 B5 TENV	0,18	254													
FP3SS 712-6 B5 TENV	0,25	274													
FP3SS 801-2 B5 TENV	0,75	337	144	207	M20x1.5	165	130	200	12	3,5	19	40	6	21,5	M6
FP3SS 801-4 B5 TENV	0,55	307													
FP3SS 802-4 B5 TENV	0,75	347													
FP3SS 801-6 B5 TENV	0,37	307													
FP3SS 802-6 B5 TENV	0,55	347													
FP3SS 90S-6 B5 TENV	0,75	395	164	229	M25x1.5	165	130	200	12	3,5	24	50	8	27	M8

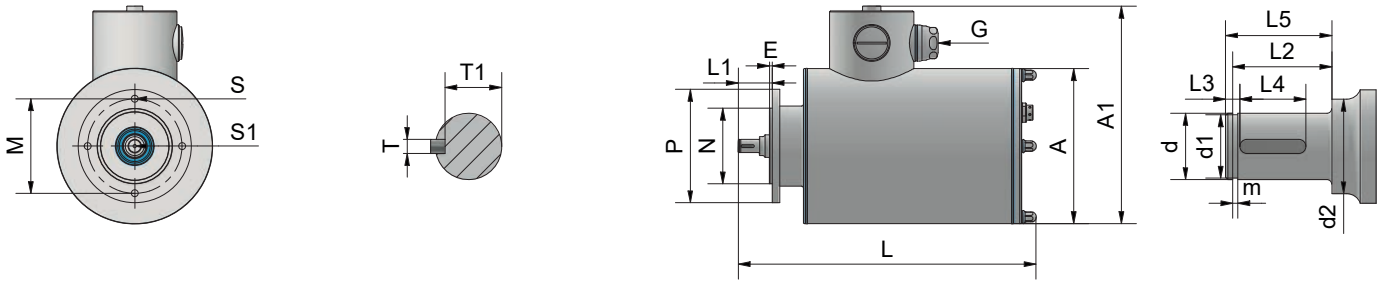
FP3SS B3 TENV



Motor information		General				Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3SS 631-2 B3 TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	11	23	4	12,5	M4
FP3SS 632-2 B3 TENV	0,25	236															
FP3SS 631-4 B3 TENV	0,12	211															
FP3SS 632-4 B3 TENV	0,18	236															
FP3SS 711-2 B3 TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	14	30	5	16	M5
FP3SS 712-2 B3 TENV	0,55	274															
FP3SS 711-4 B3 TENV	0,25	244															
FP3SS 712-4 B3 TENV	0,37	254															
FP3SS711-6 B3 TENV	0,18	254															
FP3SS 712-6 B3 TENV	0,25	274															
FP3SS 801-2 B3 TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3SS 801-4 B3 TENV	0,55	307															
FP3SS 802-4 B3 TENV	0,75	347															
FP3SS 801-6 B3 TENV	0,37	307															
FP3SS 802-6 B3 TENV	0,55	347															
FP3SS 90S-6 B3 TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	24	50	8	27	M8

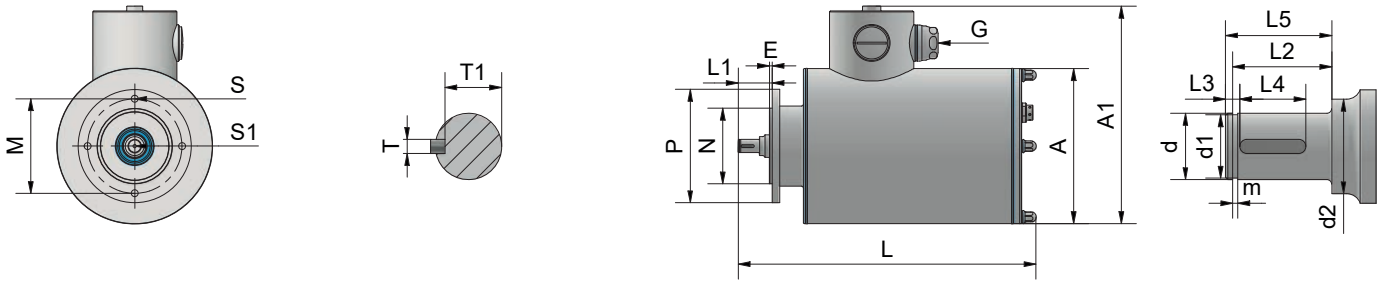
Motor dimensions

FP3SS B5T1 TENV



Motor information		General				Flange					Shaft									
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 631-2 B5T1 TENV	0,18	242	114	175	M20x1.5	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3SS 632-2 B5T1 TENV	0,25	267																			
FP3SS 631-4 B5T1 TENV	0,12	242																			
FP3SS 632-4 B5T1 TENV	0,18	267																			
FP3SS 711-2 B5T1 TENV	0,37	263	134	196	M20x1.5	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3SS 712-2 B5T1 TENV	0,55	293																			
FP3SS 711-4 B5T1 TENV	0,25	263																			
FP3SS 712-4 B5T1 TENV	0,37	273																			
FP3SS711-6 B5T1 TENV	0,18	273																			
FP3SS 712-6 B5T1 TENV	0,25	293																			
FP3SS 801-2 B5T1 TENV	0,75	344	144	207	M20x1.5	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 801-4 B5T1 TENV	0,55	314																			
FP3SS 802-4 B5T1 TENV	0,75	354																			
FP3SS 801-6 B5T1 TENV	0,37	314																			
FP3SS 802-6 B5T1 TENV	0,55	354																			
FP3SS 90S-6 B5T1 TENV	0,75	381	164	229	M25x1.5	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7

FP3SS B5T2 TENV

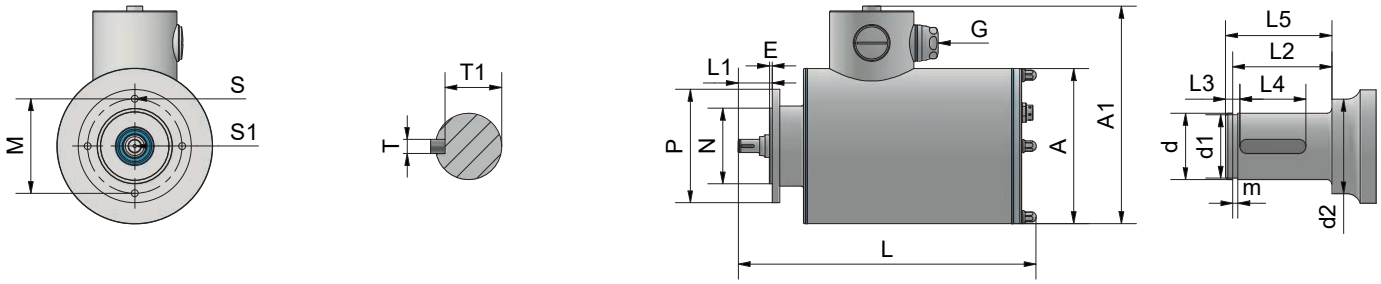


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 631-2 B5T2 TENV	0,18	*	114	175	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3SS 632-2 B5T2 TENV	0,25	*																			
FP3SS 631-4 B5T2 TENV	0,12	*																			
FP3SS 632-4 B5T2 TENV	0,18	*																			
FP3SS 711-2 B5T2 TENV	0,37	262	134	196	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3SS 712-2 B5T2 TENV	0,55	292																			
FP3SS 711-4 B5T2 TENV	0,25	262																			
FP3SS 712-4 B5T2 TENV	0,37	272																			
FP3SS711-6 B5T2 TENV	0,18	272																			
FP3SS 712-6 B5T2 TENV	0,25	292																			
FP3SS 801-2 B5T2 TENV	0,75	343	144	207	M20x1.5	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 801-4 B5T2 TENV	0,55	313																			
FP3SS 802-4 B5T2 TENV	0,75	353																			
FP3SS 801-6 B5T2 TENV	0,37	313																			
FP3SS 802-6 B5T2 TENV	0,55	353																			
FP3SS 90S-6 B5T2 TENV	0,75	387	164	229	M25x1.5	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

Motor dimensions

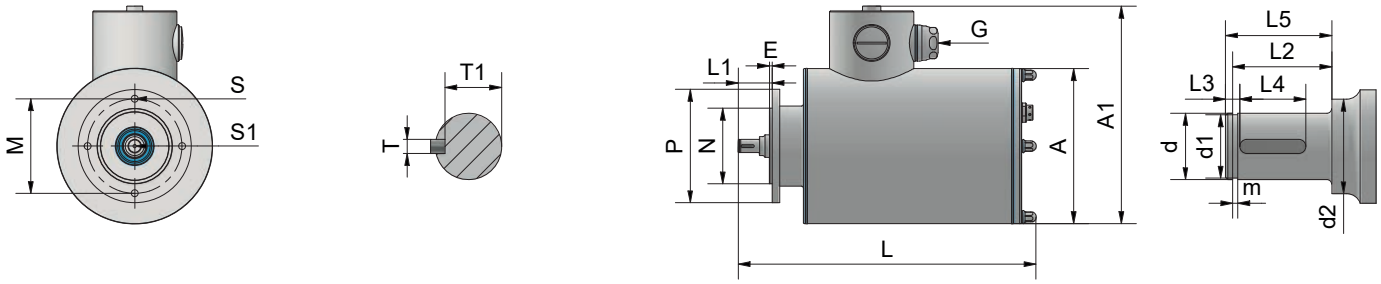
FP3SS B5T3 TENV



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 711-2 B5T3 TENV	0,37	*	134	196	M20x1.5	165	130	200	11	3,5	10	9,6	14	47,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3SS 712-2 B5T3 TENV	0,55	*																			
FP3SS 711-4 B5T3 TENV	0,25	*																			
FP3SS 712-4 B5T3 TENV	0,37	*																			
FP3SS711-6 B5T3 TENV	0,18	*																			
FP3SS 712-6 B5T3 TENV	0,25	*																			
FP3SS 801-2 B5T3 TENV	0,75	*	144	207	M20x1.5	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 801-4 B5T3 TENV	0,55	*																			
FP3SS 802-4 B5T3 TENV	0,75	*																			
FP3SS 801-6 B5T3 TENV	0,37	*																			
FP3SS 802-6 B5T3 TENV	0,55	*																			
FP3SS 90S-6 B5T3 TENV	0,75	395	164	229	M25x1.5	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP3SS B5T4 TENV

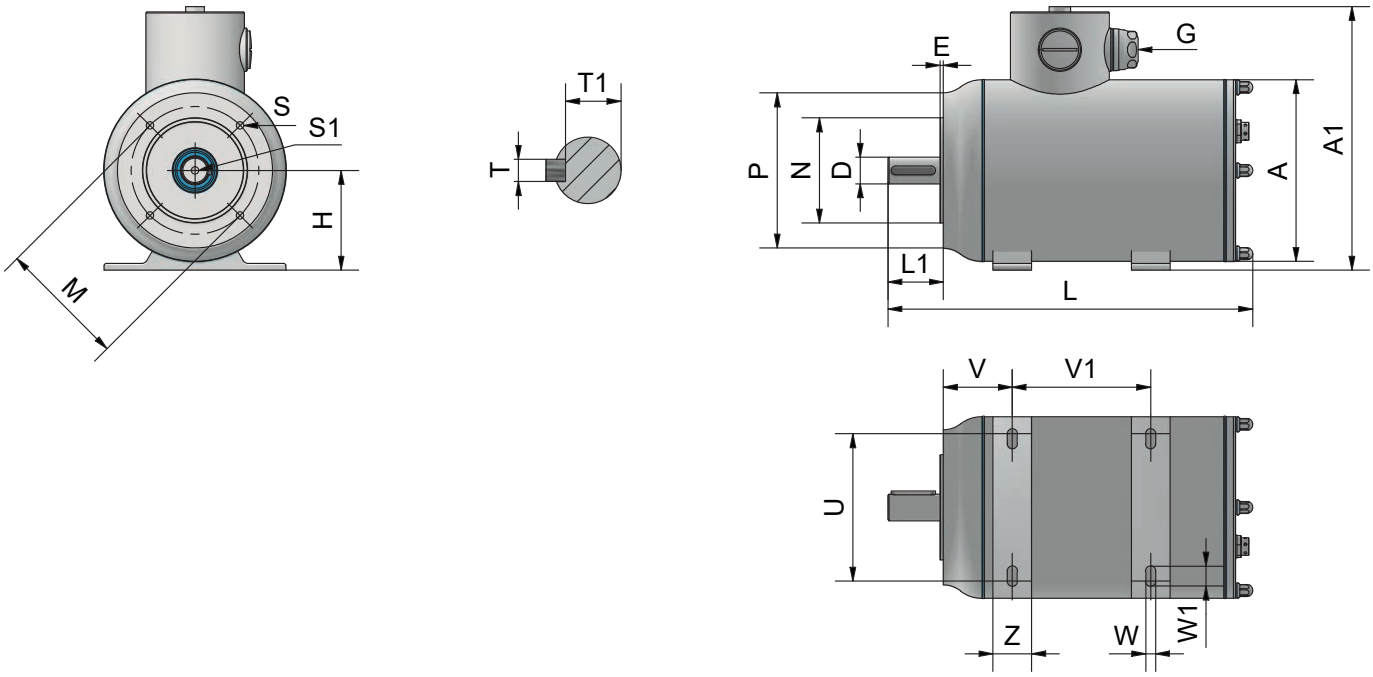


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 801-2 B5T4 TENV	0,75	*																			
FP3SS 801-4 B5T4 TENV	0,55	*																			
FP3SS 802-4 B5T4 TENV	0,75	*	144	207	M20x1.5	215	180	250	14	4	11,5	12	17	52,5	19	3,5	14	20,5	3	10,2	M4x,07
FP3SS 801-6 B5T4 TENV	0,37	*																			
FP3SS 802-6 B5T4 TENV	0,55	*																			
FP3SS 90S-6 B5T4 TENV	0,75	*	164	229	M25x1.5	215	180	250	14	4	13,4	14	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

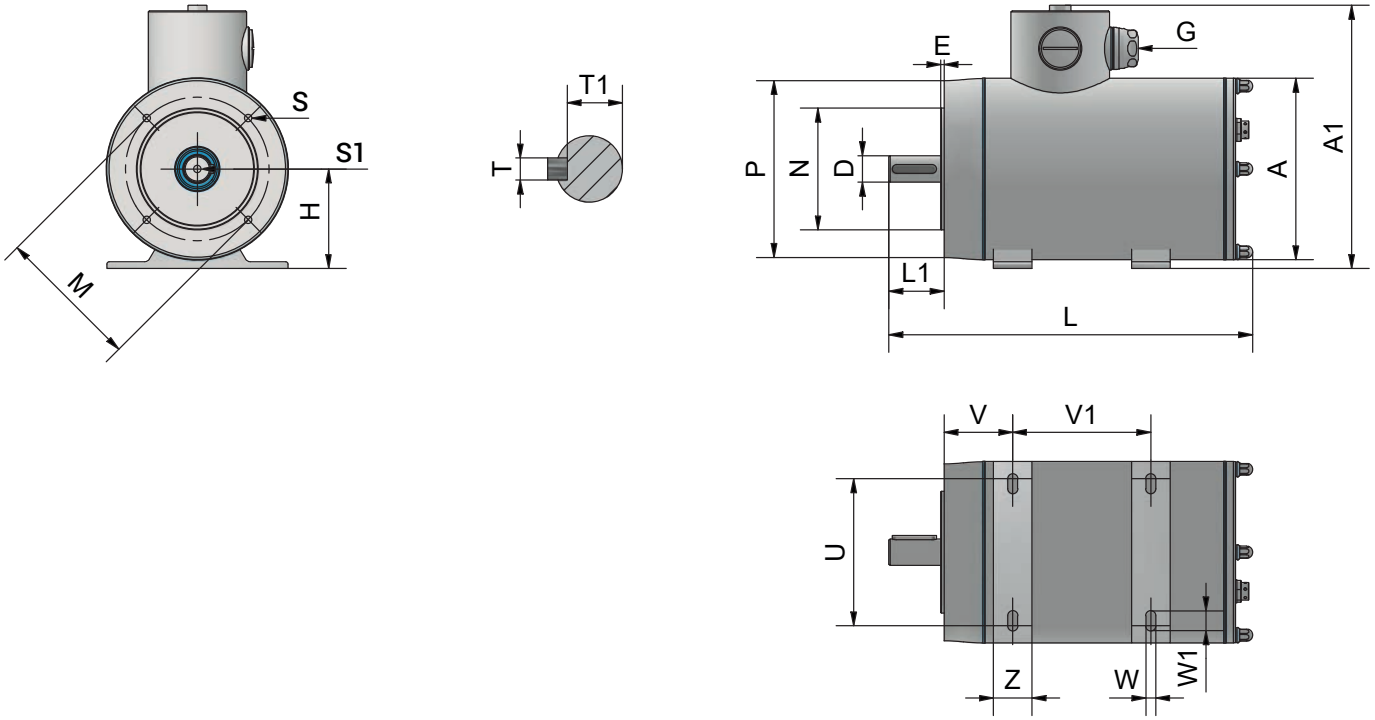
Motor dimensions

FP3SS B3 B14A TENV



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 631-2 B3 B14A TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3SS 632-2 B3 B14A TENV	0,25	236																				
FP3SS 631-4 B3 B14A TENV	0,12	211																				
FP3SS 632-4 B3 B14A TENV	0,18	236																				
FP3SS 711-2 B3 B14A TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	85	70	105	M6	2,5	14	30	5	16	M5
FP3SS 712-2 B3 B14A TENV	0,55	274																				
FP3SS 711-4 B3 B14A TENV	0,25	244																				
FP3SS 712-4 B3 B14A TENV	0,37	254																				
FP3SS711-6 B3 B14A TENV	0,18	254																				
FP3SS 712-6 B3 B14A TENV	0,25	274																				
FP3SS 801-2 B3 B14A TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3SS 801-4 B3 B14A TENV	0,55	307																				
FP3SS 802-4 B3 B14A TENV	0,75	347																				
FP3SS 801-6 B3 B14A TENV	0,37	307																				
FP3SS 802-6 B3 B14A TENV	0,55	347																				
FP3SS 90S-6 B3 B14A TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8

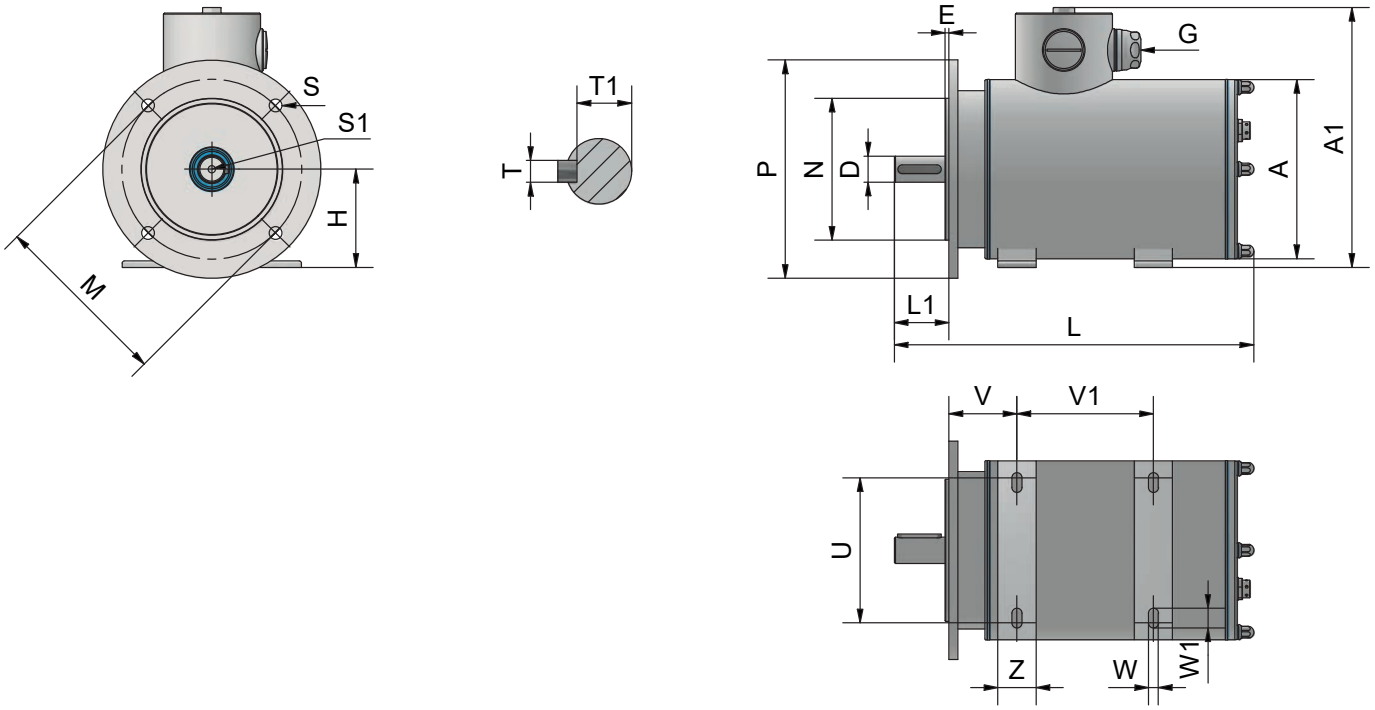
FP3SS B3 B14B TENV



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 631-2 B3 B14B TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	100	80	120	M6	3	11	23	4	12,5	M4
FP3SS 632-2 B3 B14B TENV	0,25	236																				
FP3SS 631-4 B3 B14B TENV	0,12	211																				
FP3SS 632-4 B3 B14B TENV	0,18	236																				
FP3SS 711-2 B3 B14B TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	115	95	140	M8	3	14	30	5	16	M5
FP3SS 712-2 B3 B14B TENV	0,55	274																				
FP3SS 711-4 B3 B14B TENV	0,25	244																				
FP3SS 712-4 B3 B14B TENV	0,37	254																				
FP3SS711-6 B3 B14B TENV	0,18	254																				
FP3SS 712-6 B3 B14B TENV	0,25	274																				
FP3SS 801-2 B3 B14B TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3SS 801-4 B3 B14B TENV	0,55	307																				
FP3SS 802-4 B3 B14B TENV	0,75	347																				
FP3SS 801-6 B3 B14B TENV	0,37	307																				
FP3SS 802-6 B3 B14B TENV	0,55	347																				
FP3SS 90S-6 B3 B14B TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8

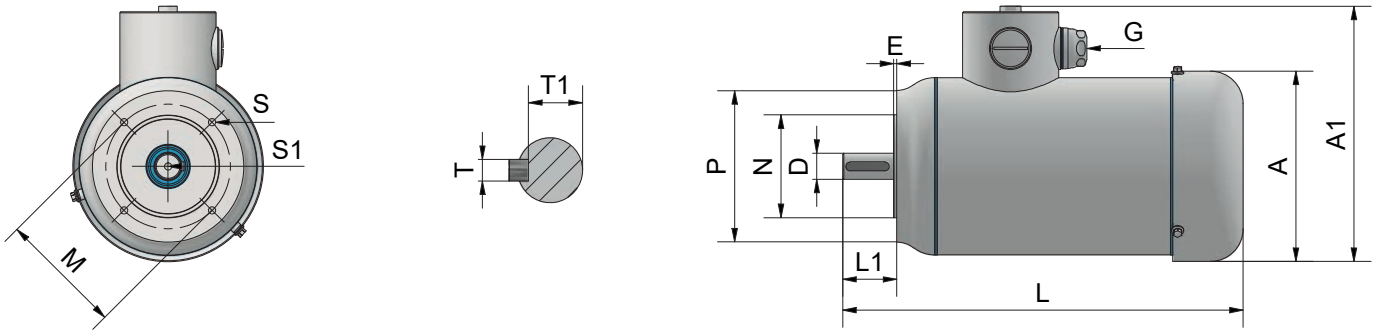
Motor dimensions

FP3SS B3 B5 TENV



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 631-2 B3 B5 TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	115	95	140	10	2,5	11	23	4	12,5	M4
FP3SS 632-2 B3 B5 TENV	0,25	236																				
FP3SS 631-4 B3 B5 TENV	0,12	211																				
FP3SS 632-4 B3 B5 TENV	0,18	236																				
FP3SS 711-2 B3 B5 TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	130	110	160	10	3,5	14	30	5	16	M5
FP3SS 712-2 B3 B5 TENV	0,55	274																				
FP3SS 711-4 B3 B5 TENV	0,25	244																				
FP3SS 712-4 B3 B5 TENV	0,37	254																				
FP3SS711-6 B3 B5 TENV	0,18	254																				
FP3SS 712-6 B3 B5 TENV	0,25	274																				
FP3SS 801-2 B3 B5 TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3SS 801-4 B3 B5 TENV	0,55	307																				
FP3SS 802-4 B3 B5 TENV	0,75	347																				
FP3SS 801-6 B3 B5 TENV	0,37	307																				
FP3SS 802-6 B3 B5 TENV	0,55	347																				
FP3SS 90S-6 B3 B5 TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8

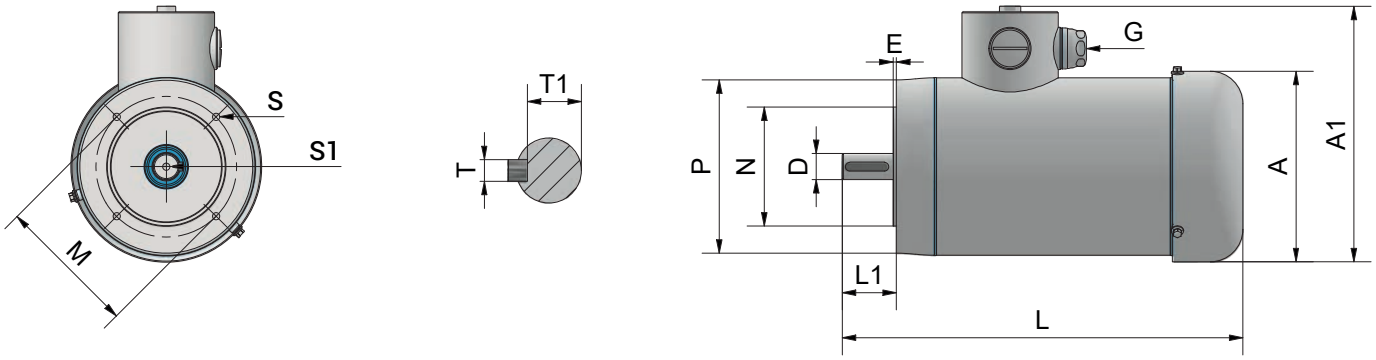
FP3SS B14A TEFC



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B14A TEFC	1,1	365	156	213	M20x1.5	100	80	120	M6	3	19	40	6	21,5	M6
FP3SS 90S-2 B14A TEFC	1,5	368													
FP3SS 90L-2 B14A TEFC	2,2	392													
FP3SS 90S-4 B14A TEFC	1,1	352	176	235	M25x1.5	115	95	140	M8	3	24	50	8	27	M8
FP3SS 90L-4 B14A TEFC	1,5	368													
FP3SS 90L-6 B14A TEFC	1,1	418													
FP3SS 100L-2 B14A TEFC	3,0	450													
FP3SS 100L1-4 B14A TEFC	2,2	465	203	265,5	M25x1.5	130	110	160	M8	3,5	28	60	8	31	M10
FP3SS 100L2-4 B14A TEFC	3,0	510													
FP3SS 100L1-6 B14A TEFC	1,5	490													
FP3SS 112M-2 B14A TEFC	4,0	488													
FP3SS 112M-4 B14A TEFC	4,0	488	218	283	M25x1.5	130	110	160	M8	3,5	28	60	8	31	M10
FP3SS 112M-6 B14A TEFC	2,2	458													
FP3SS 132S1-2 B14A TEFC	5,5	511													
FP3SS 132S2-2 B14A TEFC	7,5	511													
FP3SS 132S-4 B14A TEFC	5,5	516	256	320	M25x1.5	165	130	200	M10	3,5	38	80	10	41	M12
FP3SS 132M-4 B14A TEFC	7,5	536													
FP3SS 132S-6 B14A TEFC	3	511													
FP3SS 160M1-2 B14A TEFC	11	715													
FP3SS 160M2-2 B14A TEFC	15	715													
FP3SS 160L-2 B14A TEFC	18,5	755	311	385,5	M32x1.5	215	180	250	M12	5	42	110	12	45	M16
FP3SS 160M-4 B14A TEFC	11	715													
FP3SS 160L-4 B14A TEFC	15	755													

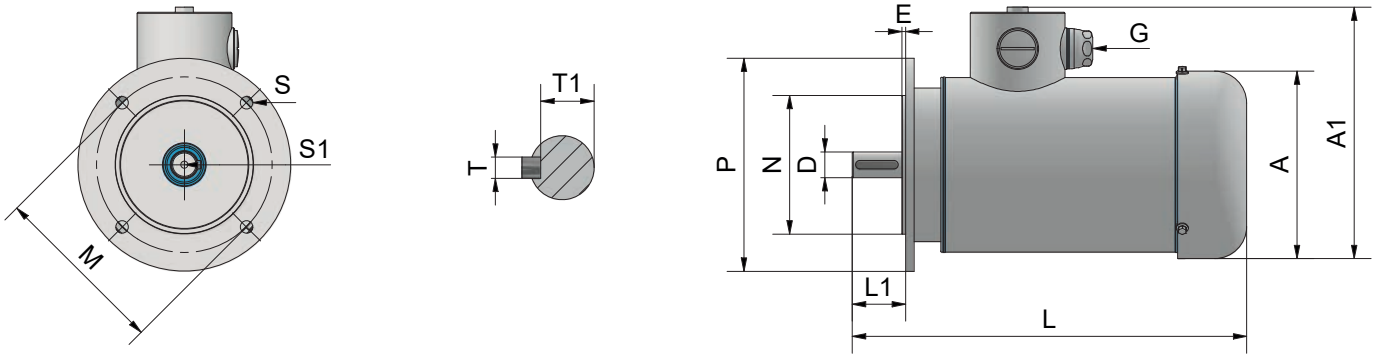
Motor dimensions

FP3SS B14B TEFC



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B14B TEFC	1,1	365	156	213	M20x1.5	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3SS 90S-2 B14B TEFC	1,5	368													
FP3SS 90L-2 B14B TEFC	2,2	392													
FP3SS 90S-4 B14B TEFC	1,1	352	176	235	M25x1.5	130	110	160	M8	3,5	24	50	8	27	M8
FP3SS 90L-4 B14B TEFC	1,5	368													
FP3SS 90L-6 B14B TEFC	1,1	418													
FP3SS 100L-2 B14B TEFC	3,0	450													
FP3SS 100L1-4 B14B TEFC	2,2	465													
FP3SS 100L2-4 B14B TEFC	3,0	510	203	265,5	M25x1.5	165	130	200	M10	3,5	28	60	8	31	M10
FP3SS 100L1-6 B14B TEFC	1,5	490													
FP3SS 112M-2 B14B TEFC	4,0	488													
FP3SS 112M-4 B14B TEFC	4,0	488	218	283	M25x1.5	165	130	200	M10	3,5	28	60	8	31	M10
FP3SS 112M-6 B14B TEFC	2,2	458													
FP3SS 132S1-2 B14B TEFC	5,5	511													
FP3SS 132S2-2 B14B TEFC	7,5	511													
FP3SS 132S-4 B14B TEFC	5,5	516	256	320	M25x1.5	x	x	x	x	x	38	80	10	41	M12
FP3SS 132M-4 B14B TEFC	7,5	536													
FP3SS 132S-6 B14B TEFC	3	511													
FP3SS 160M1-2 B14B TEFC	11	715													
FP3SS 160M2-2 B14B TEFC	15	715													
FP3SS 160L-2 B14B TEFC	18,5	755	311	385,5	M32x1.5	x	x	x	x	x	42	110	12	45	M16
FP3SS 160M-4 B14B TEFC	11	715													
FP3SS 160L-4 B14B TEFC	15	755													

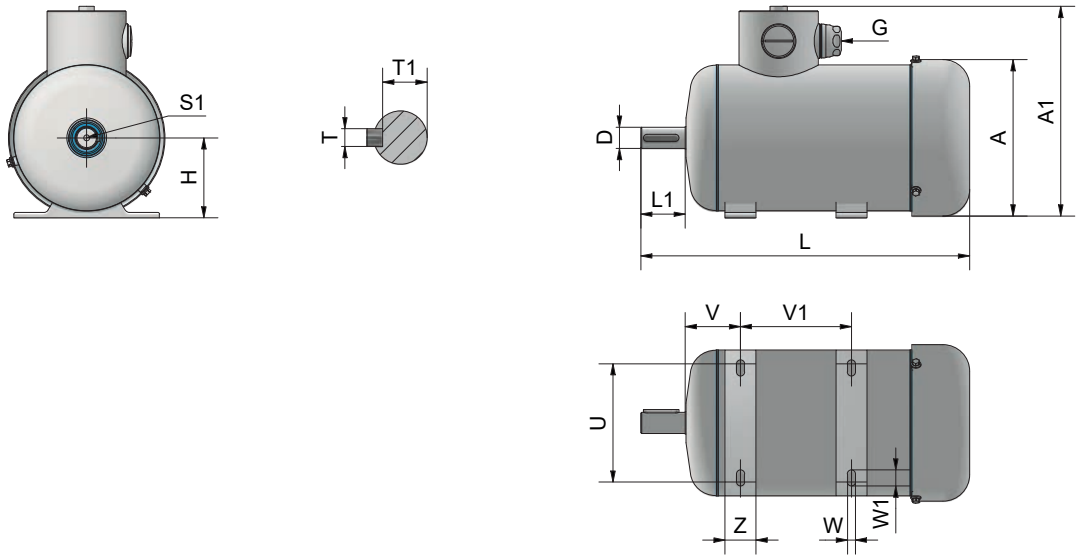
FP3SS B5 TEFC



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B5 TEFC	1,1	365	156	213	M20x1.5	165	130	200	12	3,5	19	40	6	21,5	M6
FP3SS 90S-2 B5 TEFC	1,5	368													
FP3SS 90L-2 B5 TEFC	2,2	392													
FP3SS 90S-4 B5 TEFC	1,1	352	176	235	M25x1.5	165	130	200	12	3,5	24	50	8	27	M8
FP3SS 90L-4 B5 TEFC	1,5	368													
FP3SS 90L-6 B5 TEFC	1,1	418													
FP3SS 100L-2 B5 TEFC	3,0	450													
FP3SS 100L1-4 B5 TEFC	2,2	465													
FP3SS 100L2-4 B5 TEFC	3,0	510	203	265,5	M25x1.5	215	180	250	15	4	28	60	8	31	M10
FP3SS 100L1-6 B5 TEFC	1,5	490													
FP3SS 112M-2 B5 TEFC	4,0	488													
FP3SS 112M-4 B5 TEFC	4,0	488	218	283	M25x1.5	215	180	250	15	4	28	60	8	31	M10
FP3SS 112M-6 B5 TEFC	2,2	458													
FP3SS 132S1-2 B5 TEFC	5,5	511													
FP3SS 132S2-2 B5 TEFC	7,5	511													
FP3SS 132S-4 B5 TEFC	5,5	516	256	320	M25x1.5	265	230	300	15	4	38	80	10	41	M12
FP3SS 132M-4 B5 TEFC	7,5	536													
FP3SS 132S-6 B5 TEFC	3	511													
FP3SS 160M1-2 B5 TEFC	11	715													
FP3SS 160M2-2 B5 TEFC	15	715													
FP3SS 160L-2 B5 TEFC	18,5	755	311	385,5	M32x1.5	300	250	350	19	5	42	110	12	45	M16
FP3SS 160M-4 B5 TEFC	11	715													
FP3SS 160L-4 B5 TEFC	15	755													

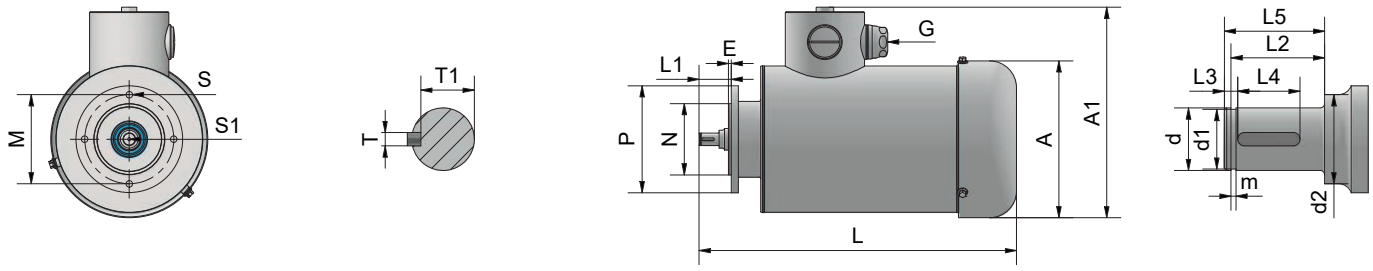
Motor dimensions

FP3SS B3 TEFC



Motor information		General				Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3SS 802-2 B3 TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3SS 90S-2 B3 TEFC	1,5	368	176	237	M25x1.5	90	56	100	140	10	14	25	24	50	8	27	M8
FP3SS 90L-2 B3 TEFC	2,2	392						125									
FP3SS 90S-4 B3 TEFC	1,1	352						100									
FP3SS 90L-4 B3 TEFC	1,5	368						125									
FP3SS 90L-6 B3 TEFC	1,1	418						125									
FP3SS 100L-2 B3 TEFC	3,0	450	203	264	M25x1.5	100	63	140	160	12	16	30	28	60	8	31	M10
FP3SS 100L1-4 B3 TEFC	2,2	465															
FP3SS 100L2-4 B3 TEFC	3,0	510															
FP3SS 100L1-6 B3 TEFC	1,5	490															
FP3SS 112M-2 B3 TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	28	60	8	31	M10
FP3SS 112M-4 B3 TEFC	4,0	488															
FP3SS 112M-6 B3 TEFC	2,2	458															
FP3SS 132S1-2 B3 TEFC	5,5	511	256	324	M25x1.5	132	89	140	216	12	16	40	38	80	10	41	M12
FP3SS 132S2-2 B3 TEFC	7,5	511						140									
FP3SS 132S-4 B3 TEFC	5,5	516						140									
FP3SS 132M-4 B3 TEFC	7,5	536						178									
FP3SS 132S-6 B3 TEFC	3	511						140									
FP3SS 160M1-2 B3 TEFC	11	715	311	390	M32x1.5	160	108	210	254	14,5	18,5	50	42	110	12	45	M16
FP3SS 160M2-2 B3 TEFC	15	715						210									
FP3SS 160L-2 B3 TEFC	18,5	755						254									
FP3SS 160M-4 B3 TEFC	11	715						210									
FP3SS 160L-4 B3 TEFC	15	755						254									

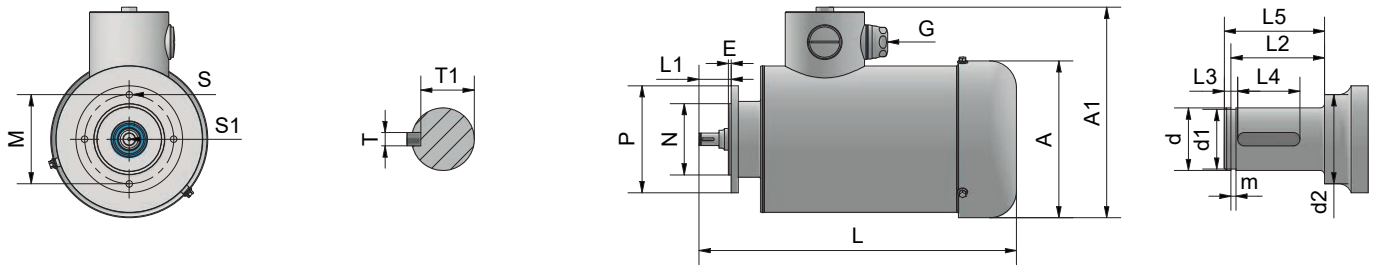
FP3SS B5T1 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 802-2 B5T1 TEFC	1,1	372	156	213	M20x1.5	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 90S-2 B5T1 TEFC	1,5	354																			
FP3SS 90L-2 B5T1 TEFC	2,2	378																			
FP3SS 90S-4 B5T1 TEFC	1,1	338	176	235	M25x1.5	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7
FP3SS 90L-4 B5T1 TEFC	1,5	354																			
FP3SS 90L-6 B5T1 TEFC	1,1	404																			

Motor dimensions

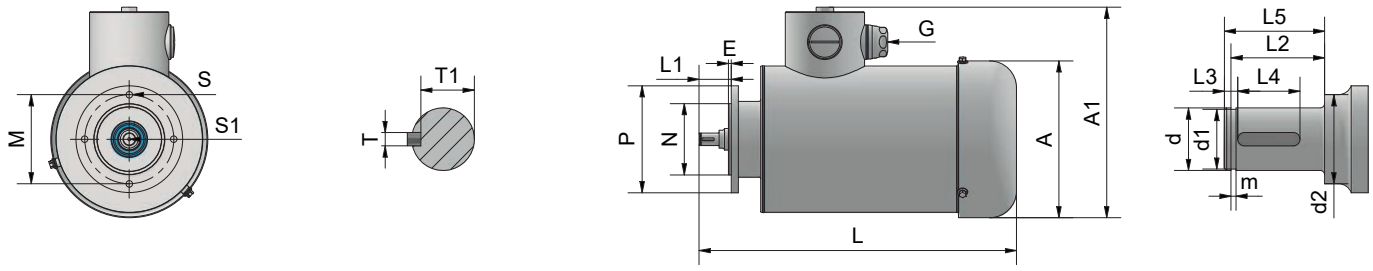
FP3SS B5T2 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 802-2 B5T2 TEFC	1,1	371	156	213	M20x1.5	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 90S-2 B5T2 TEFC	1,5	360	176	235	M25x1.5	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3SS 90L-2 B5T2 TEFC	2,2	384																			
FP3SS 90S-4 B5T2 TEFC	1,1	344																			
FP3SS 90L-4 B5T2 TEFC	1,5	360																			
FP3SS 90L-6 B5T2 TEFC	1,1	410																			
FP3SS 100L-2 B5T2 TEFC	3,0	448	203	265,5	M25x1.5	130	110	160	9	3,5	16	15,2	22	44	24	5	18	26	4	13,5	M6x1
FP3SS 100L1-4 B5T2 TEFC	2,2	463																			
FP3SS 100L2-4 B5T2 TEFC	3,0	508																			
FP3SS 100L1-6 B5T2 TEFC	1,5	488																			
FP3SS 112M-2 B5T2 TEFC	4,0	*	218	283	M25x1.5	130	110	160	9	3,5	18	17	25	44	27,2	5	20	29	4	15,5	M6x1
FP3SS 112M-4 B5T2 TEFC	4,0	*																			
FP3SS 112M-6 B5T2 TEFC	2,2	*																			
FP3SS 132S1-2 B5T3 TEFC	5,5	*	256	320	M25x1.5	130	110	160	9	3,5	22	21	30	44	34,2	6	25	36	5	18,5	M8x1,5
FP3SS 132S2-2 B5T3 TEFC	7,5	*																			
FP3SS 132S-4 B5T3 TEFC	5,5	*																			
FP3SS 132M-4 B5T3 TEFC	7,5	*																			
FP3SS 132S-6 B5T3 TEFC	3	*																			

* = DIMENSION ON REQUEST

FP3SS B5T3 TEFC

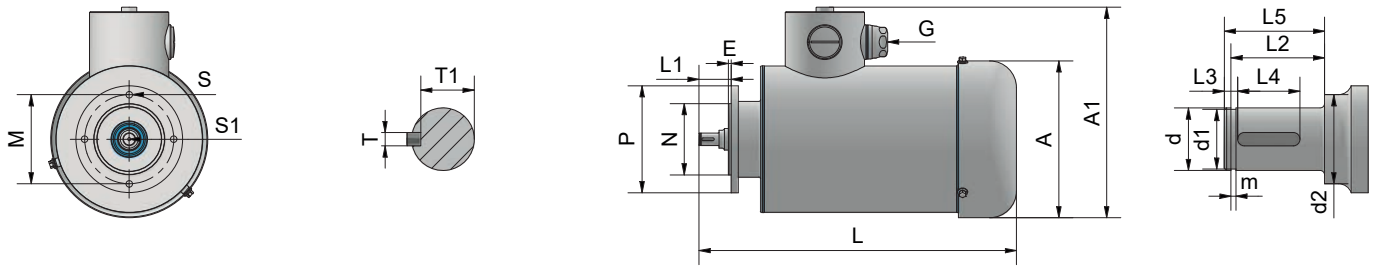


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 802-2 B5T3 TEFC	1,1	*	156	213	M20x1.5	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 90S-2 B5T3 TEFC	1,5	368	176	235	M25x1.5	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3SS 90L-2 B5T3 TEFC	2,2	392																			
FP3SS 90S-4 B5T3 TEFC	1,1	352																			
FP3SS 90L-4 B5T3 TEFC	1,5	368																			
FP3SS 90L-6 B5T3 TEFC	1,1	418																			
FP3SS 100L-2 B5T3 TEFC	3,0	458	203	265,5	M25x1.5	165	130	200	11	3,5	16	15,2	22	52	24	5	18	26	4	13,5	M6x1
FP3SS 100L1-4 B5T3 TEFC	2,2	473																			
FP3SS 100L2-4 B5T3 TEFC	3,0	518																			
FP3SS 100L1-6 B5T3 TEFC	1,5	498																			
FP3SS 112M-2 B5T3 TEFC	4,0	*	218	283	M25x1.5	165	130	200	11	3,5	18	17	25	53	27,2	5	20	29	4	15,5	M6x1
FP3SS 112M-4 B5T3 TEFC	4,0	*																			
FP3SS 112M-6 B5T3 TEFC	2,2	*																			
FP3SS 132S1-2 B5T3 TEFC	5,5	507	256	320	M25x1.5	165	130	200	11	3,5	22	21	30	56	34,2	6	25	36	5	18,5	M8x1,5
FP3SS 132S2-2 B5T3 TEFC	7,5	507																			
FP3SS 132S-4 B5T3 TEFC	5,5	512																			
FP3SS 132M-4 B5T3 TEFC	7,5	532																			
FP3SS 132S-6 B5T3 TEFC	3	507																			

* = DIMENSION ON REQUEST

Motor dimensions

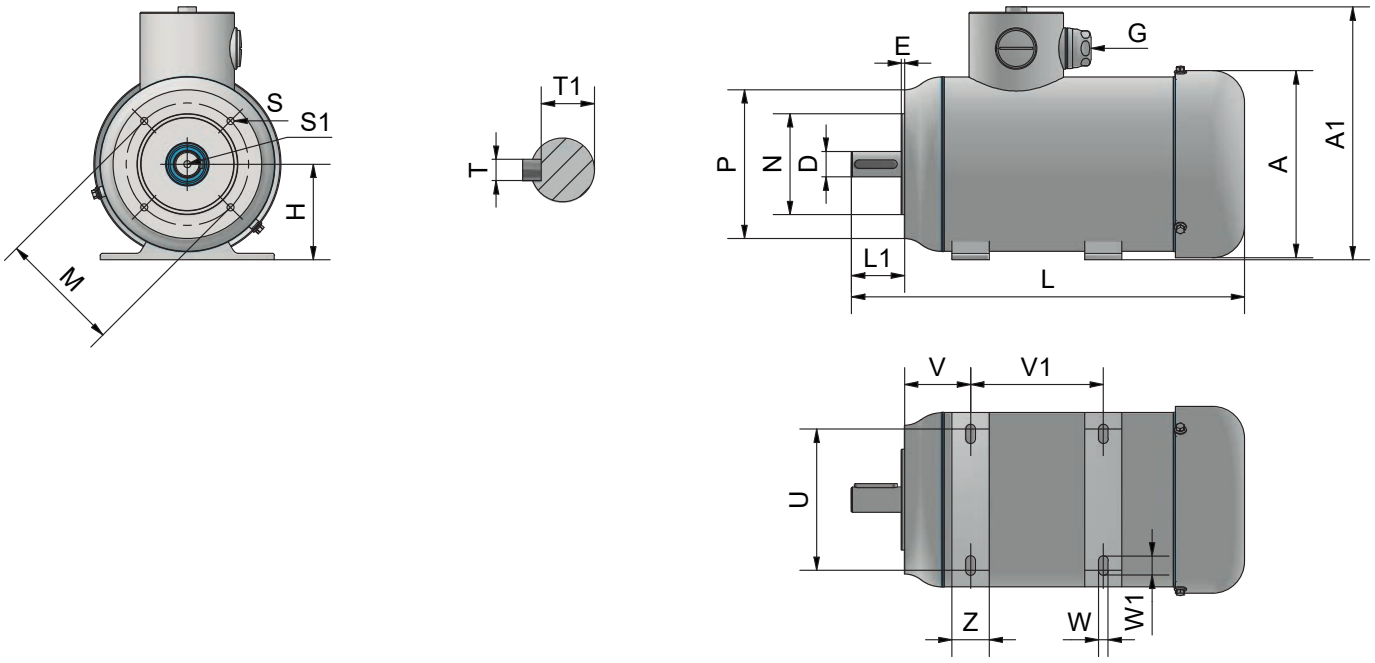
FP3SS B5T4 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3SS 802-2 B5T4 TEFC	1,1	*	156	213	M20x1.5	215	180	250	14	4	12	11,5	17	52,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3SS 90S-2 B5T4 TEFC	1,5	*	176	235	M25x1.5	215	180	250	14	4	14	13,4	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3SS 90L-2 B5T4 TEFC	2,2	*																			
FP3SS 90S-4 B5T4 TEFC	1,1	*																			
FP3SS 90L-4 B5T4 TEFC	1,5	*																			
FP3SS 90L-6 B5T4 TEFC	1,1	*																			
FP3SS 100L-2 B5T4 TEFC	3,0	*	203	265,5	M25x1.5	215	180	250	14	4	16	15,2	22	56	24	5	18	26	4	13,5	M6x1
FP3SS 100L1-4 B5T4 TEFC	2,2	*																			
FP3SS 100L2-4 B5T4 TEFC	3,0	*																			
FP3SS 100L1-6 B5T4 TEFC	1,5	*																			
FP3SS 112M-2 B5T4 TEFC	4,0	*	218	283	M25x1.5	215	180	250	14	4	18	17	25	58	27,2	5	20	29	4	15,5	M6x1
FP3SS 112M-4 B5T4 TEFC	4,0	*																			
FP3SS 112M-6 B5T4 TEFC	2,2	*																			
FP3SS 132S1-2 B5T4 TEFC	5,5	*	256	320	M25x1.5	215	180	250	14	4	22	21	30	61	34,2	6	25	36	5	18,5	M8x1,5
FP3SS 132S2-2 B5T4 TEFC	7,5	*																			
FP3SS 132S-4 B5T4 TEFC	5,5	*																			
FP3SS 132M-4 B5T4 TEFC	7,5	*																			
FP3SS 132S-6 B5T4 TEFC	3	*																			

* = DIMENSION ON REQUEST

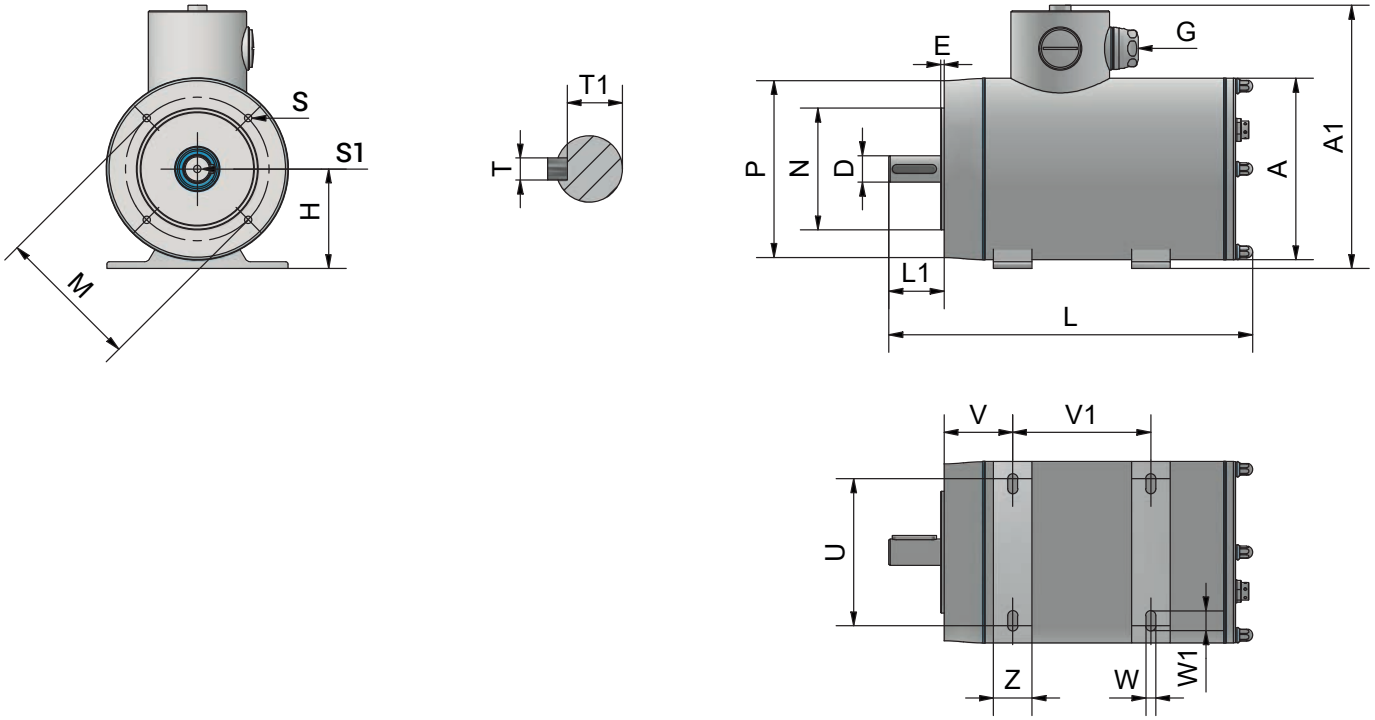
FP3SS B3 B14A TEFC



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B3 B14A TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3SS 90S-2 B3 B14A TEFC	1,5	368	176	237	M25x1.5	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8
FP3SS 90L-2 B3 B14A TEFC	2,2	392						125														
FP3SS 90S-4 B3 B14A TEFC	1,1	352						100														
FP3SS 90L-4 B3 B14A TEFC	1,5	368						125														
FP3SS 90L-6 B3 B14A TEFC	1,1	418						125														
FP3SS 100L-2 B3 B14A TEFC	3,0	450	203	264	M25x1.5	100	63	140	160	12	16	30	130	110	160	M8	3,5	28	60	8	31	M10
FP3SS 100L1-4 B3 B14A TEFC	2,2	465																				
FP3SS 100L2-4 B3 B14A TEFC	3,0	510																				
FP3SS 100L1-6 B3 B14A TEFC	1,5	490																				
FP3SS 112M-2 B3 B14A TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	130	110	160	M8	3,5	28	60	8	31	M10
FP3SS 112M-4 B3 B14A TEFC	4,0	488																				
FP3SS 112M-6 B3 B14A TEFC	2,2	458																				
FP3SS 132S1-2 B3 B14A TEFC	5,5	511	256	324	M25x1.5	132	89	140	216	12	16	40	165	130	200	M10	3,5	38	80	10	41	M12
FP3SS 132S2-2 B3 B14A TEFC	7,5	511						140														
FP3SS 132S-4 B3 B14A TEFC	5,5	516						140														
FP3SS 132M-4 B3 B14A TEFC	7,5	536						178														
FP3SS 132S-6 B3 B14A TEFC	3	511						140														
FP3SS 160M1-2 B3 B14A TEFC	11	715	311	390	M32x1.5	160	108	210	254	14,5	18,5	50	215	180	250	M12	5	42	110	12	45	M16
FP3SS 160M2-2 B3 B14A TEFC	15	715						210														
FP3SS 160L-2 B3 B14A TEFC	18,5	755						254														
FP3SS 160M-4 B3 B14A TEFC	11	715						210														
FP3SS 160L-4 B3 B14A TEFC	15	755						254														

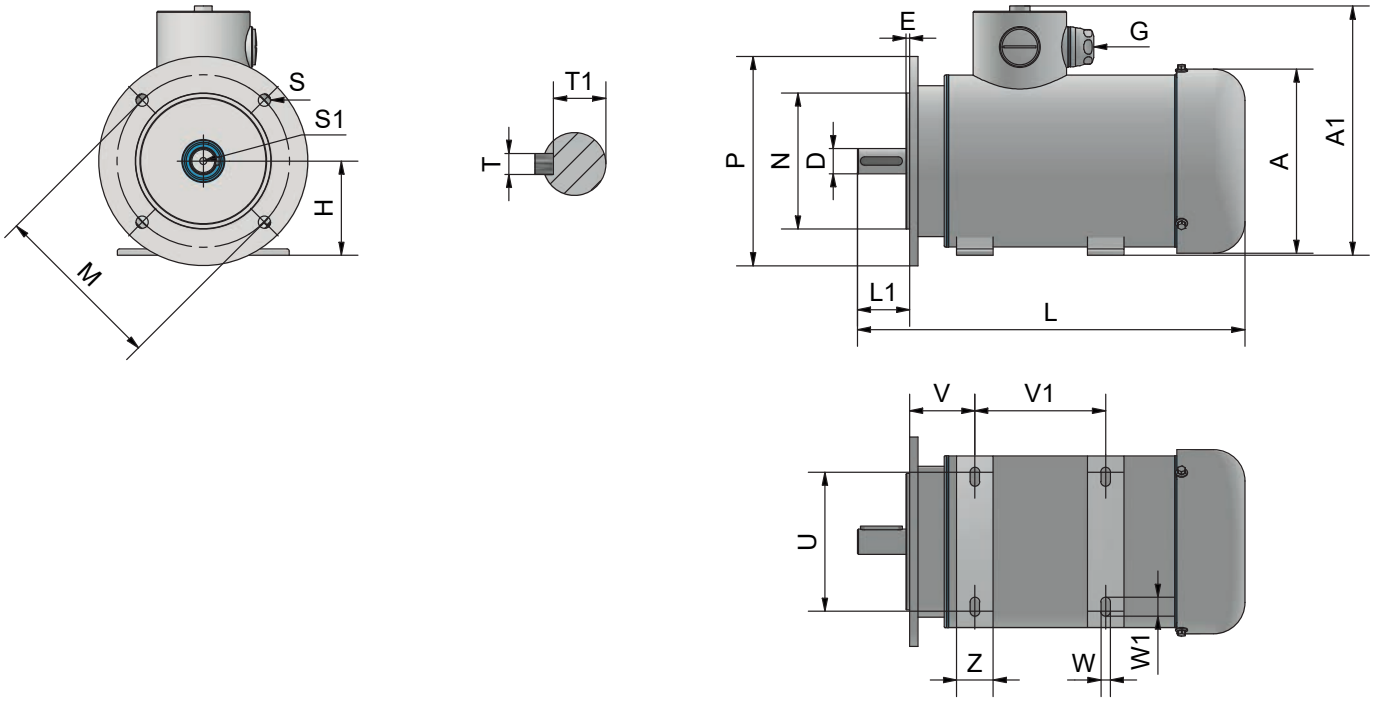
Motor dimensions

FP3SS B3 B14B TEFC



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B3 B14B TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3SS 90S-2 B3 B14B TEFC	1,5	368	176	237	M25x1.5	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8
FP3SS 90L-2 B3 B14B TEFC	2,2	392						125														
FP3SS 90S-4 B3 B14B TEFC	1,1	352						100														
FP3SS 90L-4 B3 B14B TEFC	1,5	368						125														
FP3SS 90L-6 B3 B14B TEFC	1,1	418						125														
FP3SS 100L-2 B3 B14B TEFC	3,0	450	203	264	M25x1.5	100	63	140	160	12	16	30	165	130	200	M10	3,5	28	60	8	31	M10
FP3SS 100L1-4 B3 B14B TEFC	2,2	465																				
FP3SS 100L2-4 B3 B14B TEFC	3,0	510																				
FP3SS 100L1-6 B3 B14B TEFC	1,5	490																				
FP3SS 112M-2 B3 B14B TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	165	130	200	M10	3,5	28	60	8	31	M10
FP3SS 112M-4 B3 B14B TEFC	4,0	488																				
FP3SS 112M-6 B3 B14B TEFC	2,2	458																				

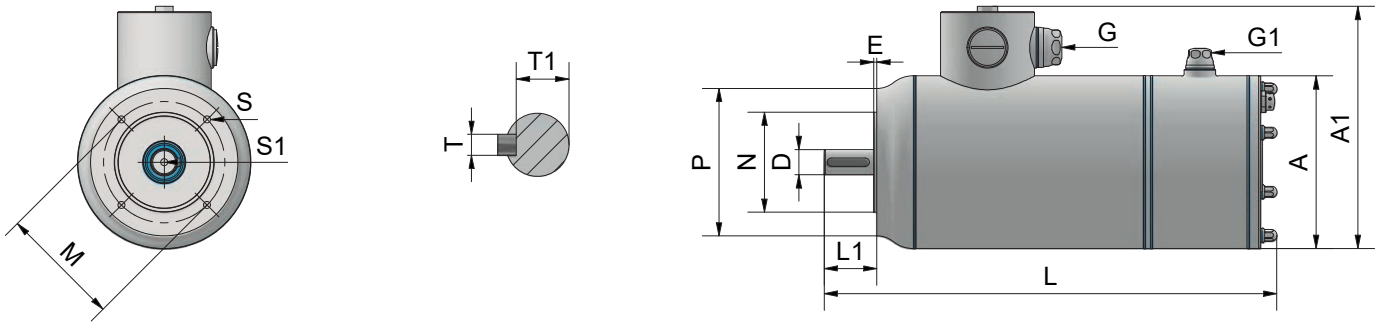
FP3SS B3 B5 TEFC



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3SS 802-2 B3 B5 TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3SS 90S-2 B3 B5 TEFC	1,5	368						100														
FP3SS 90L-2 B3 B5 TEFC	2,2	392						125														
FP3SS 90S-4 B3 B5 TEFC	1,1	352	176	237	M25x1.5	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8
FP3SS 90L-4 B3 B5 TEFC	1,5	368						125														
FP3SS 90L-6 B3 B5 TEFC	1,1	418						125														
FP3SS 100L-2 B3 B5 TEFC	3,0	450																				
FP3SS 100L1-4 B3 B5 TEFC	2,2	465	203	264	M25x1.5	100	63	140	160	12	16	30	215	180	250	15	4	28	60	8	31	M10
FP3SS 100L2-4 B3 B5 TEFC	3,0	510																				
FP3SS 100L1-6 B3 B5 TEFC	1,5	490																				
FP3SS 112M-2 B3 B5 TEFC	4,0	488																				
FP3SS 112M-4 B3 B5 TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	215	180	250	15	4	28	60	8	31	M10
FP3SS 112M-6 B3 B5 TEFC	2,2	458																				
FP3SS 132S1-2 B3 B5 TEFC	5,5	511						140														
FP3SS 132S2-2 B3 B5 TEFC	7,5	511						140														
FP3SS 132S-4 B3 B5 TEFC	5,5	516	256	324	M25x1.5	132	89	140	216	12	16	40	265	230	300	15	4	38	80	10	41	M12
FP3SS 132M-4 B3 B5 TEFC	7,5	536						178														
FP3SS 132S-6 B3 B5 TEFC	3	511						140														
FP3SS 160M1-2 B3 B5 TEFC	11	715						210														
FP3SS 160M2-2 B3 B5 TEFC	15	715						210														
FP3SS 160L-2 B3 B5 TEFC	18,5	755	311	390	M32x1.5	160	108	254	254	14,5	18,5	50	300	250	350	19	5	42	110	12	45	M16
FP3SS 160M-4 B3 B5 TEFC	11	715						210														
FP3SS 160L-4 B3 B5 TEFC	15	755						254														

Motor dimensions

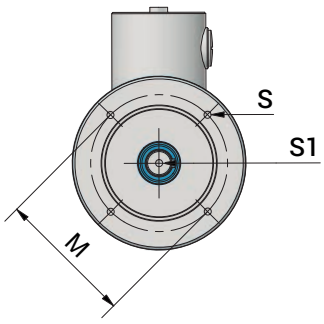
FP3EJSS B14A TENV

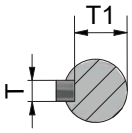


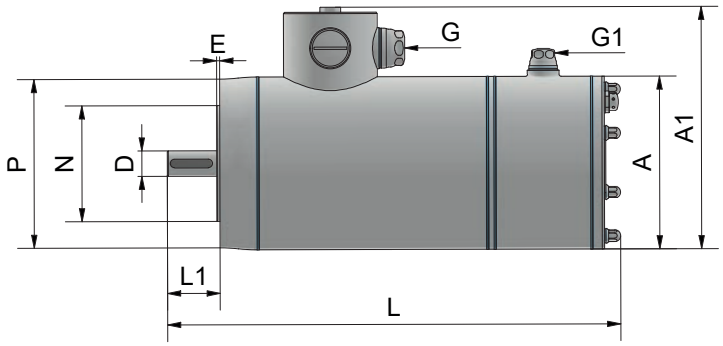
Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 561-2 B14A TENV	0,09	*	104	166	M20x1.5	M16x1	65	50	80	M5	2,5	9	20	3	7,2	M3
FP3EJSS 562-2 B14A TENV	0,12	*														
FP3EJSS 561-4 B14A TENV	0,06	*														
FP3EJSS 562-4 B14A TENV	0,09	*														
FP3EJSS 631-2 B14A TENV	0,18	300	114	175	M20x1.5	M16x1	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3EJSS 632-2 B14A TENV	0,25	325														
FP3EJSS 631-4 B14A TENV	0,12	300														
FP3EJSS 632-4 B14A TENV	0,18	325														
FP3EJSS 711-2 B14A TENV	0,37	333	134	196	M20x1.5	M16x1	85	70	105	M6	2,5	14	30	5	16	M5
FP3EJSS 712-2 B14A TENV	0,55	363														
FP3EJSS 711-4 B14A TENV	0,25	333														
FP3EJSS 712-4 B14A TENV	0,37	343														
FP3EJSS711-6 B14A TENV	0,18	343														
FP3EJSS 712-6 B14A TENV	0,25	363														
FP3EJSS 801-2 B14A TENV	0,75	436	144	207	M20x1.5	M16x1	100	80	120	M6	3	19	40	6	21,5	M6
FP3EJSS 801-4 B14A TENV	0,55	406														
FP3EJSS 802-4 B14A TENV	0,75	446														
FP3EJSS 801-6 B14A TENV	0,37	406														
FP3EJSS 802-6 B14A TENV	0,55	446														
FP3EJSS 90S-6 B14A TENV	0,75	494	164	229	M25x1.5	M16x1	115	95	140	M8	3	24	50	8	27	M8

* = DIMENSION ON REQUEST

FP3EJSS B14B TENV





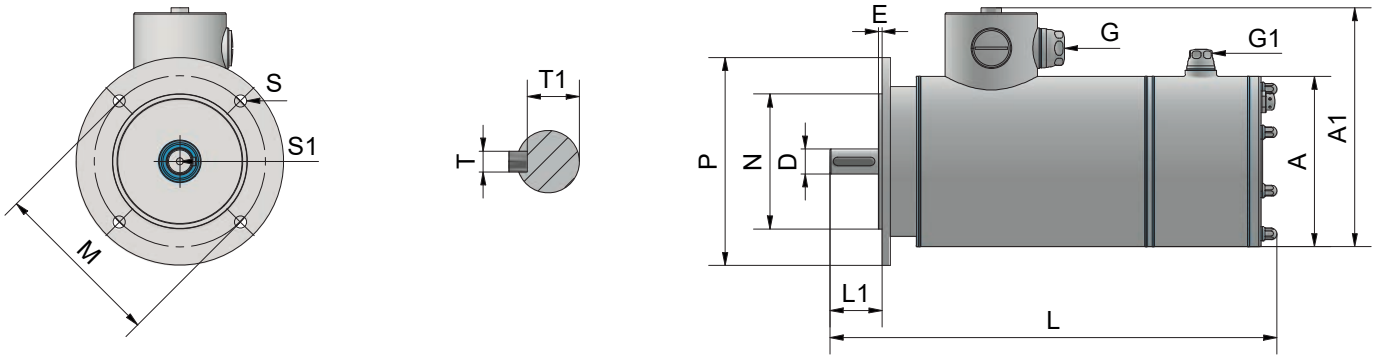


Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 631-2 B14B TENV	0,18	300	114	175	M20x1.5	M16x1	100	80	120	M6	3	11	23	4	12,5	M4
FP3EJSS 632-2 B14B TENV	0,25	325														
FP3EJSS 631-4 B14B TENV	0,12	300														
FP3EJSS 632-4 B14B TENV	0,18	325														
FP3EJSS 711-2 B14B TENV	0,37	333	134	196	M20x1.5	M16x1	115	95	140	M8	3	14	30	5	16	M5
FP3EJSS 712-2 B14B TENV	0,55	363														
FP3EJSS 711-4 B14B TENV	0,25	333														
FP3EJSS 712-4 B14B TENV	0,37	343														
FP3EJSS711-6 B14B TENV	0,18	343														
FP3EJSS 712-6 B14B TENV	0,25	363														
FP3EJSS 801-2 B14B TENV	0,75	436	144	207	M20x1.5	M16x1	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3EJSS 801-4 B14B TENV	0,55	406														
FP3EJSS 802-4 B14B TENV	0,75	446														
FP3EJSS 801-6 B14B TENV	0,37	406														
FP3EJSS 802-6 B14B TENV	0,55	446														
FP3EJSS 90S-6 B14B TENV	0,75	494	164	229	M25x1.5	M16x1	130	110	160	M8	3,5	24	50	8	27	M8

* = DIMENSION ON REQUEST

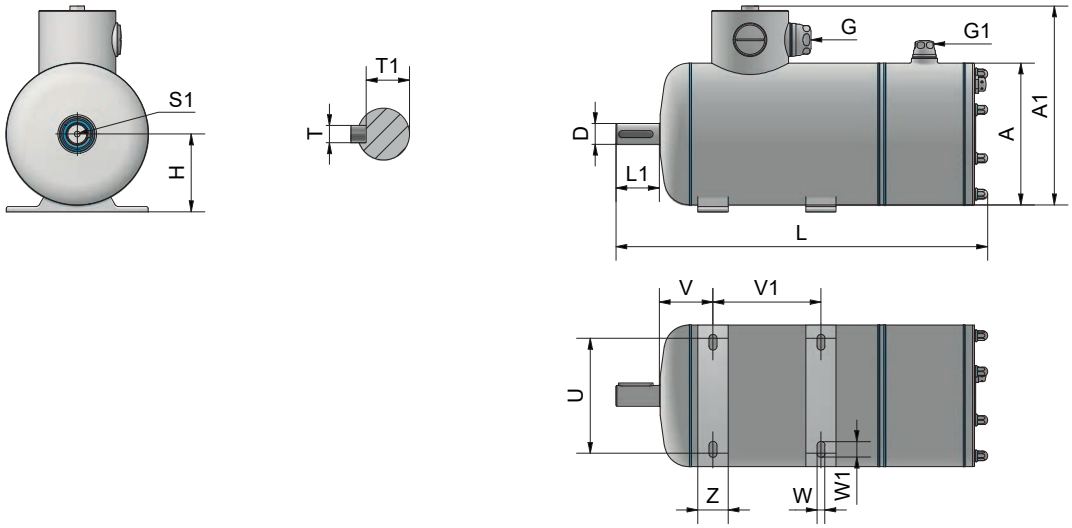
Motor dimensions

FP3EJSS B5 TENV



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 631-2 B5 TENV	0,18	300	114	175	M20x1.5	M16x1	115	95	140	10	2,5	11	23	4	12,5	M4
FP3EJSS 632-2 B5 TENV	0,25	325														
FP3EJSS 631-4 B5 TENV	0,12	300														
FP3EJSS 632-4 B5 TENV	0,18	325														
FP3EJSS 711-2 B5 TENV	0,37	333	134	196	M20x1.5	M16x1	130	110	160	10	3,5	14	30	5	16	M5
FP3EJSS 712-2 B5 TENV	0,55	363														
FP3EJSS 711-4 B5 TENV	0,25	333														
FP3EJSS 712-4 B5 TENV	0,37	343														
FP3EJSS711-6 B5 TENV	0,18	343														
FP3EJSS 712-6 B5 TENV	0,25	363														
FP3EJSS 801-2 B5 TENV	0,75	436	144	207	M20x1.5	M16x1	165	130	200	12	3,5	19	40	6	21,5	M6
FP3EJSS 801-4 B5 TENV	0,55	406														
FP3EJSS 802-4 B5 TENV	0,75	446														
FP3EJSS 801-6 B5 TENV	0,37	406														
FP3EJSS 802-6 B5 TENV	0,55	446														
FP3EJSS 90S-6 B5 TENV	0,75	494	164	229	M25x1.5	M16x1	165	130	200	12	3,5	24	50	8	27	M8

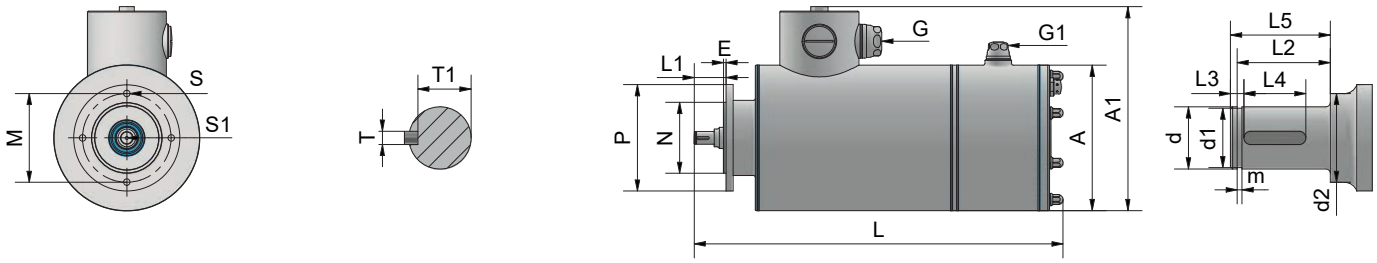
FP3EJSS B3 TENV



Motor information		General					Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3EJSS 631-2 B3 TENV	0,18	300	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	11	23	4	12,5	M4
FP3EJSS 632-2 B3 TENV	0,25	325																
FP3EJSS 631-4 B3 TENV	0,12	300																
FP3EJSS 632-4 B3 TENV	0,18	325																
FP3EJSS 711-2 B3 TENV	0,37	333	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	14	30	5	16	M5
FP3EJSS 712-2 B3 TENV	0,55	363																
FP3EJSS 711-4 B3 TENV	0,25	333																
FP3EJSS 712-4 B3 TENV	0,37	343																
FP3EJSS711-6 B3 TENV	0,18	343																
FP3EJSS 712-6 B3 TENV	0,25	363																
FP3EJSS 801-2 B3 TENV	0,75	436	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3EJSS 801-4 B3 TENV	0,55	406																
FP3EJSS 802-4 B3 TENV	0,75	446																
FP3EJSS 801-6 B3 TENV	0,37	406																
FP3EJSS 802-6 B3 TENV	0,55	446																
FP3EJSS 90S-6 B3 TENV	0,75	494	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	24	50	8	27	M8

Motor dimensions

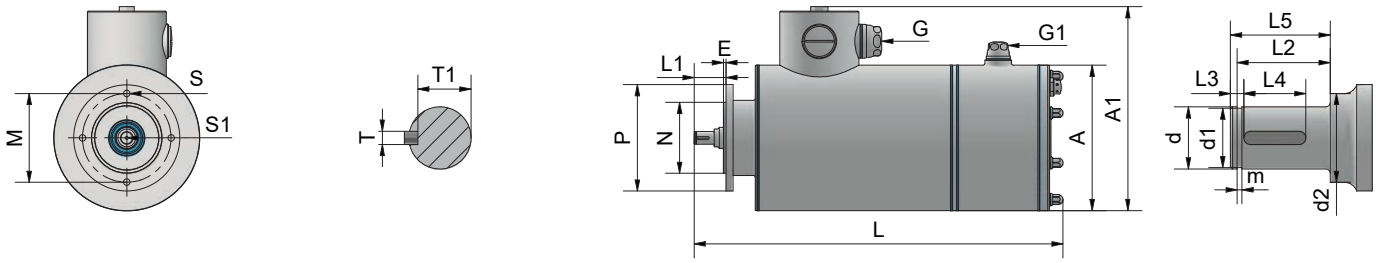
FP3EJSS B5T1 TENV



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 631-2 B5T1 TENV	0,18	*	114	175	M20x1.5	M16x1	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3EJSS 632-2 B5T1 TENV	0,25	*																				
FP3EJSS 631-4 B5T1 TENV	0,12	*																				
FP3EJSS 632-4 B5T1 TENV	0,18	*																				
FP3EJSS 711-2 B5T1 TENV	0,37	352	134	196	M20x1.5	M16x1	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3EJSS 712-2 B5T1 TENV	0,55	382																				
FP3EJSS 711-4 B5T1 TENV	0,25	352																				
FP3EJSS 712-4 B5T1 TENV	0,37	362																				
FP3EJSS711-6 B5T1 TENV	0,18	362																				
FP3EJSS 712-6 B5T1 TENV	0,25	382																				
FP3EJSS 801-2 B5T1 TENV	0,75	443	144	207	M20x1.5	M16x1	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 801-4 B5T1 TENV	0,55	413																				
FP3EJSS 802-4 B5T1 TENV	0,75	453																				
FP3EJSS 801-6 B5T1 TENV	0,37	413																				
FP3EJSS 802-6 B5T1 TENV	0,55	453																				
FP3EJSS 90S-6 B5T1 TENV	0,75	480	164	229	M25x1.5	M16x1	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP3EJSS B5T2 TENV

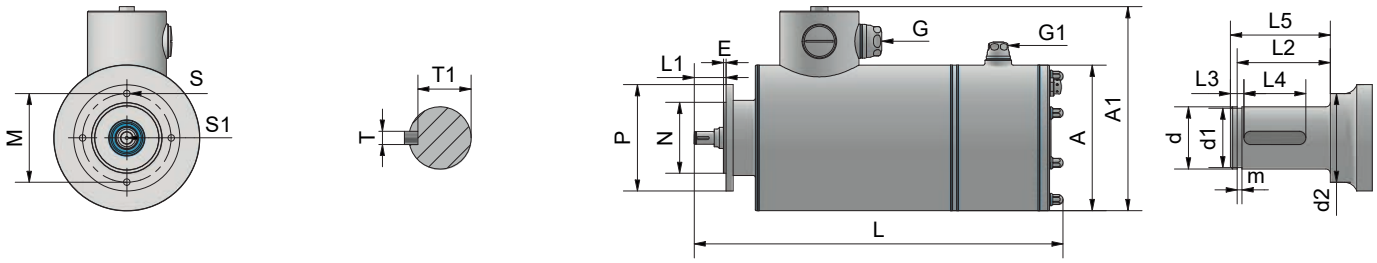


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 631-2 B5T2 TENV	0,18	*	114	175	M20x1.5	M16x1	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3EJSS 632-2 B5T2 TENV	0,25	*																				
FP3EJSS 631-4 B5T2 TENV	0,12	*																				
FP3EJSS 632-4 B5T2 TENV	0,18	*																				
FP3EJSS 711-2 B5T2 TENV	0,37	350	134	196	M20x1.5	M16x1	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3EJSS 712-2 B5T2 TENV	0,55	380																				
FP3EJSS 711-4 B5T2 TENV	0,25	350																				
FP3EJSS 712-4 B5T2 TENV	0,37	360																				
FP3EJSS711-6 B5T2 TENV	0,18	360																				
FP3EJSS 712-6 B5T2 TENV	0,25	380																				
FP3EJSS 801-2 B5T2 TENV	0,75	442	144	207	M20x1.5	M16x1	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 801-4 B5T2 TENV	0,55	412																				
FP3EJSS 802-4 B5T2 TENV	0,75	452																				
FP3EJSS 801-6 B5T2 TENV	0,37	412																				
FP3EJSS 802-6 B5T2 TENV	0,55	452																				
FP3EJSS 90S-6 B5T2 TENV	0,75	485	164	229	M25x1.5	M16x1	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

Motor dimensions

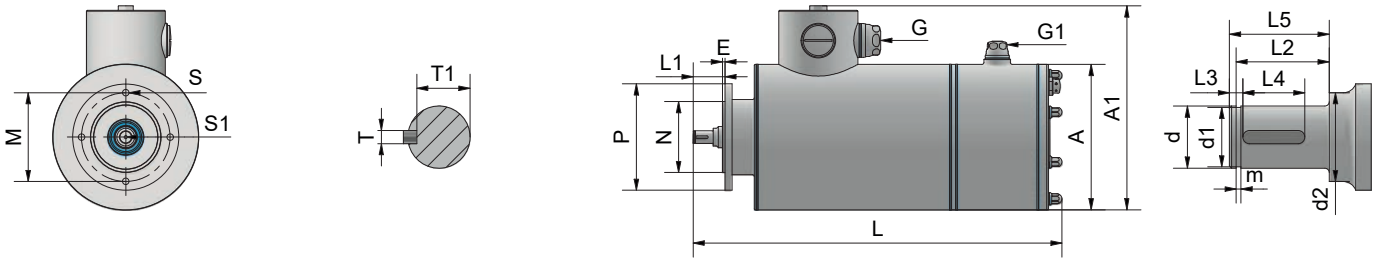
FP3EJSS B5T3 TENV



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 711-2 B5T3 TENV	0,37	*	134	196	M20x1.5	M16x1	165	130	200	11	3,5	10	9,6	14	47,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3EJSS 712-2 B5T3 TENV	0,55	*																				
FP3EJSS 711-4 B5T3 TENV	0,25	*																				
FP3EJSS 712-4 B5T3 TENV	0,37	*																				
FP3EJSS711-6 B5T3 TENV	0,18	*																				
FP3EJSS 712-6 B5T3 TENV	0,25	*																				
FP3EJSS 801-2 B5T3 TENV	0,75	*	144	207	M20x1.5	M16x1	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 801-4 B5T3 TENV	0,55	*																				
FP3EJSS 802-4 B5T3 TENV	0,75	*																				
FP3EJSS 801-6 B5T3 TENV	0,37	*																				
FP3EJSS 802-6 B5T3 TENV	0,55	*																				
FP3EJSS 90S-6 B5T3 TENV	0,75	493	164	229	M25x1.5	M16x1	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP3EJSS B5T4 TENV

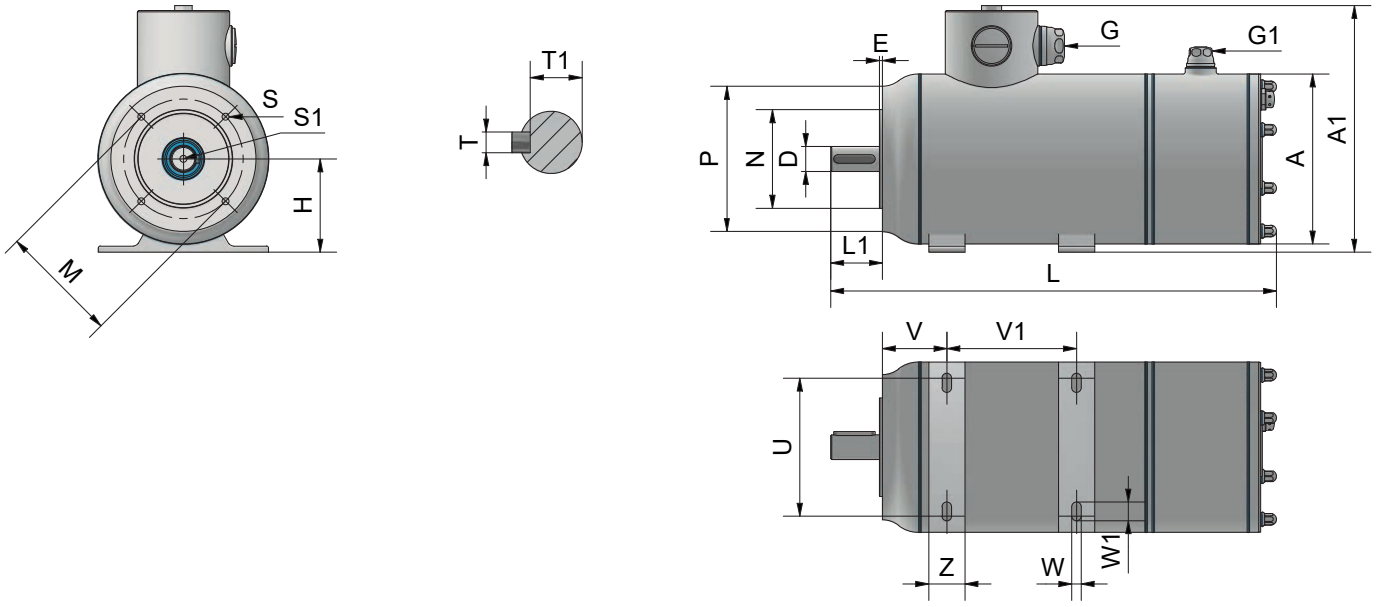


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 801-2 B5T4 TENV	0,75	*																				
FP3EJSS 801-4 B5T4 TENV	0,55	*																				
FP3EJSS 802-4 B5T4 TENV	0,75	*	144	207	M20x1.5	M16x1	215	180	250	14	4	11,5	12	17	52,5	19	3,5	14	20,5	3	10,2	M4x,07
FP3EJSS 801-6 B5T4 TENV	0,37	*																				
FP3EJSS 802-6 B5T4 TENV	0,55	*																				
FP3EJSS 90S-6 B5T4 TENV	0,75	*	164	229	M25x1.5	M16x1	215	180	250	14	4	13,4	14	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

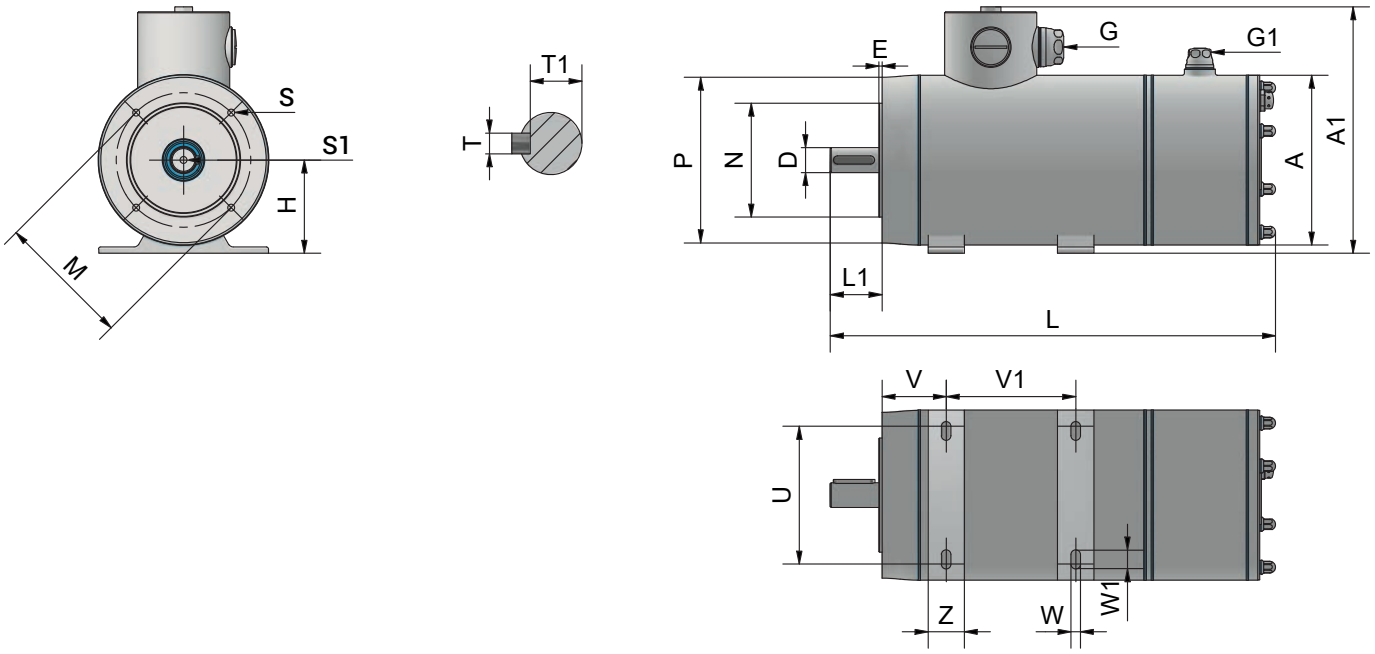
Motor dimensions

FP3EJSS B3 B14A TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 631-2 B3 B14A TENV	0,18	300	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3EJSS 632-2 B3 B14A TENV	0,25	325																					
FP3EJSS 631-4 B3 B14A TENV	0,12	300																					
FP3EJSS 632-4 B3 B14A TENV	0,18	325																					
FP3EJSS 711-2 B3 B14A TENV	0,37	333	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	85	70	105	M6	2,5	14	30	5	16	M5
FP3EJSS 712-2 B3 B14A TENV	0,55	363																					
FP3EJSS 711-4 B3 B14A TENV	0,25	333																					
FP3EJSS 712-4 B3 B14A TENV	0,37	343																					
FP3EJSS711-6 B3 B14A TENV	0,18	343																					
FP3EJSS 712-6 B3 B14A TENV	0,25	363																					
FP3EJSS 801-2 B3 B14A TENV	0,75	436	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3EJSS 801-4 B3 B14A TENV	0,55	406																					
FP3EJSS 802-4 B3 B14A TENV	0,75	446																					
FP3EJSS 801-6 B3 B14A TENV	0,37	406																					
FP3EJSS 802-6 B3 B14A TENV	0,55	446																					
FP3EJSS 90S-6 B3 B14A TENV	0,75	494	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8

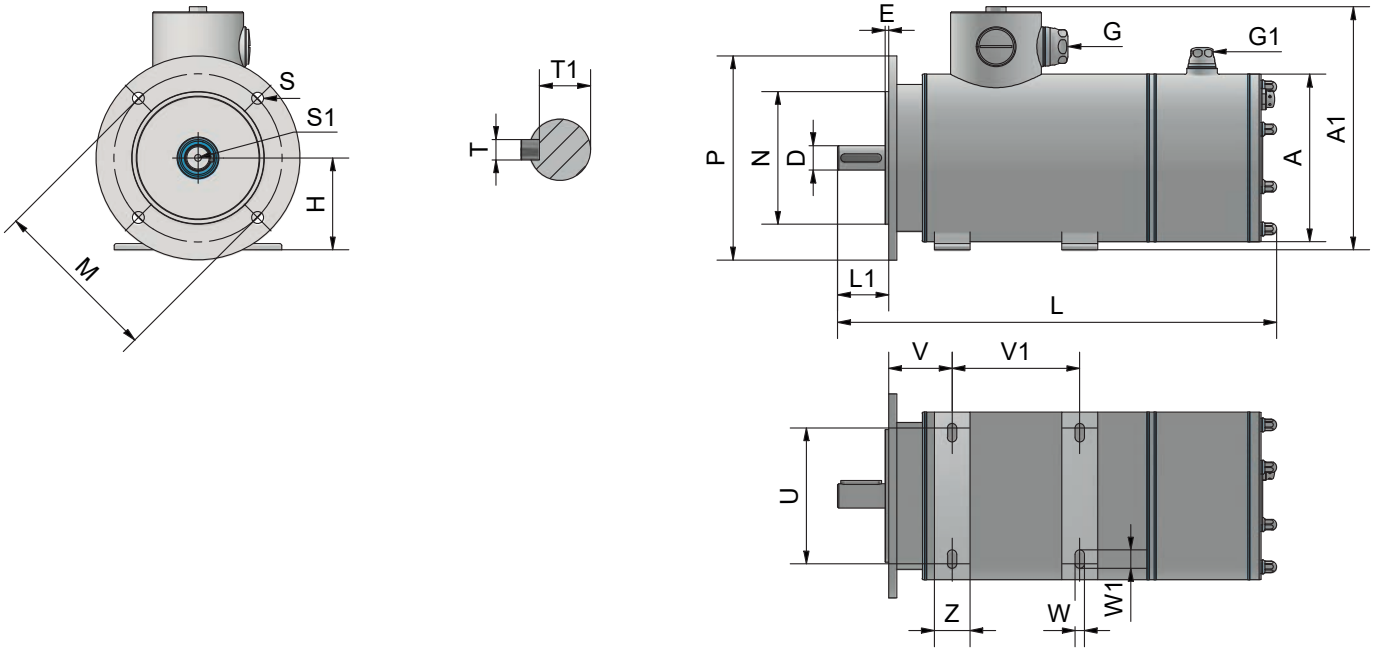
FP3EJSS B3 B14B TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 631-2 B3 B14B TENV	0,18	300	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	100	80	120	M6	3	11	23	4	12,5	M4
FP3EJSS 632-2 B3 B14B TENV	0,25	325																					
FP3EJSS 631-4 B3 B14B TENV	0,12	300																					
FP3EJSS 632-4 B3 B14B TENV	0,18	325																					
FP3EJSS 711-2 B3 B14B TENV	0,37	333	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	115	95	140	M8	3	14	30	5	16	M5
FP3EJSS 712-2 B3 B14B TENV	0,55	363																					
FP3EJSS 711-4 B3 B14B TENV	0,25	333																					
FP3EJSS 712-4 B3 B14B TENV	0,37	343																					
FP3EJSS711-6 B3 B14B TENV	0,18	343																					
FP3EJSS 712-6 B3 B14B TENV	0,25	363																					
FP3EJSS 801-2 B3 B14B TENV	0,75	436	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3EJSS 801-4 B3 B14B TENV	0,55	406																					
FP3EJSS 802-4 B3 B14B TENV	0,75	446																					
FP3EJSS 801-6 B3 B14B TENV	0,37	406																					
FP3EJSS 802-6 B3 B14B TENV	0,55	446																					
FP3EJSS 90S-6 B3 B14B TENV	0,75	494	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8

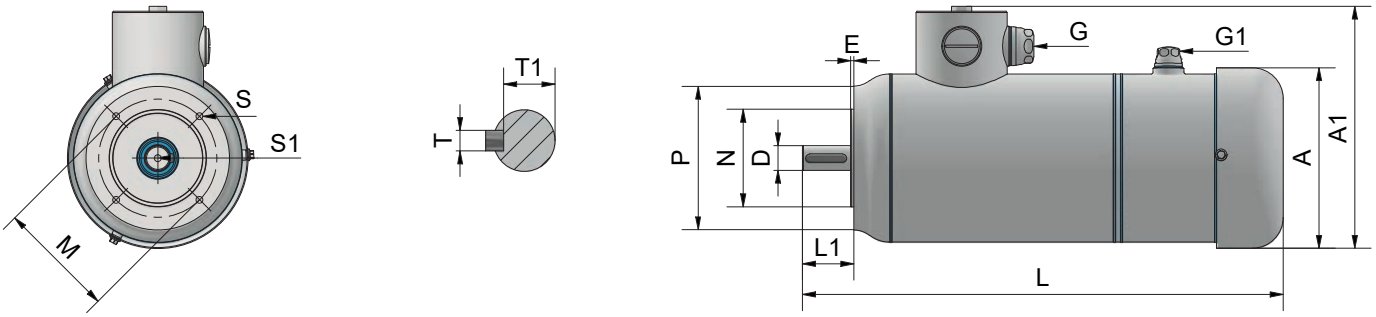
Motor dimensions

FP3EJSS B3 B5 TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 631-2 B3 B5 TENV	0,18	300	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	115	95	140	10	2,5	11	23	4	12,5	M4
FP3EJSS 632-2 B3 B5 TENV	0,25	325																					
FP3EJSS 631-4 B3 B5 TENV	0,12	300																					
FP3EJSS 632-4 B3 B5 TENV	0,18	325																					
FP3EJSS 711-2 B3 B5 TENV	0,37	333	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	130	110	160	10	3,5	14	30	5	16	M5
FP3EJSS 712-2 B3 B5 TENV	0,55	363																					
FP3EJSS 711-4 B3 B5 TENV	0,25	333																					
FP3EJSS 712-4 B3 B5 TENV	0,37	343																					
FP3EJSS711-6 B3 B5 TENV	0,18	343																					
FP3EJSS 712-6 B3 B5 TENV	0,25	363																					
FP3EJSS 801-2 B3 B5 TENV	0,75	436	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3EJSS 801-4 B3 B5 TENV	0,55	406																					
FP3EJSS 802-4 B3 B5 TENV	0,75	446																					
FP3EJSS 801-6 B3 B5 TENV	0,37	406																					
FP3EJSS 802-6 B3 B5 TENV	0,55	446																					
FP3EJSS 90S-6 B3 B5 TENV	0,75	494	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8

FP3EJSS B14A TEFC

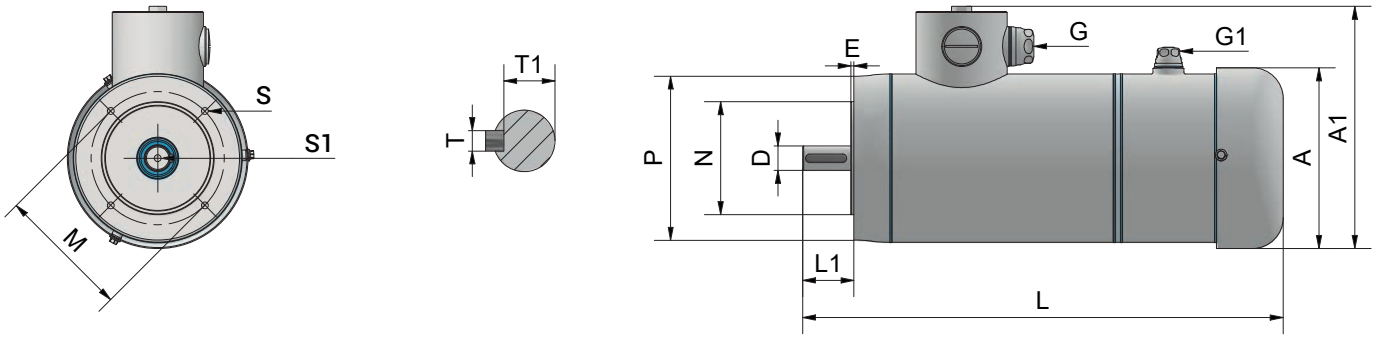


Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B14A TEFC	1,1	464	156	213	M20x1.5	M16x1	100	80	120	M6	3	19	40	6	21,5	M6
FP3EJSS 90S-2 B14A TEFC	1,5	467														
FP3EJSS 90L-2 B14A TEFC	2,2	491														
FP3EJSS 90S-4 B14A TEFC	1,1	451	176	235	M25x1.5	M16x1	115	95	140	M8	3	24	50	8	27	M8
FP3EJSS 90L-4 B14A TEFC	1,5	467														
FP3EJSS 90L-6 B14A TEFC	1,1	517														
FP3EJSS 100L-2 B14A TEFC	3,0	554														
FP3EJSS 100L1-4 B14A TEFC	2,2	569	203	265,5	M25x1.5	M16x1	130	110	160	M8	3,5	28	60	8	31	M10
FP3EJSS 100L2-4 B14A TEFC	3,0	614														
FP3EJSS 100L1-6 B14A TEFC	1,5	594														
FP3EJSS 112M-2 B14A TEFC	4,0	587														
FP3EJSS 112M-4 B14A TEFC	4,0	587	218	283	M25x1.5	M16x1	130	110	160	M8	3,5	28	60	8	31	M10
FP3EJSS 112M-6 B14A TEFC	2,2	557														
FP3EJSS 132S1-2 B14A TEFC	5,5	*														
FP3EJSS 132S2-2 B14A TEFC	7,5	*														
FP3EJSS 132S-4 B14A TEFC	5,5	*	256	320	M25x1.5	M16x1	165	130	200	M10	3,5	38	80	10	41	M12
FP3EJSS 132M-4 B14A TEFC	7,5	*														
FP3EJSS 132S-6 B14A TEFC	3	*														
FP3EJSS 160M1-2 B14A TEFC	11	*														
FP3EJSS 160M2-2 B14A TEFC	15	*														
FP3EJSS 160L-2 B14A TEFC	18,5	*	311	385,5	M32x1.5	M16x1	215	180	250	M12	5	42	110	12	45	M16
FP3EJSS 160M-4 B14A TEFC	11	*														
FP3EJSS 160L-4 B14A TEFC	15	*														

* = DIMENSION ON REQUEST

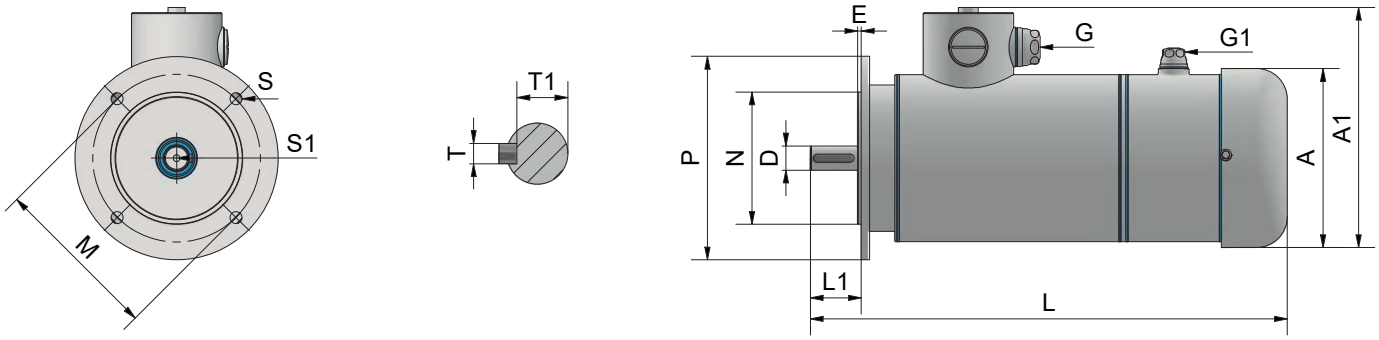
Motor dimensions

FP3EJSS B14B TEFC



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B14B TEFC	1,1	464	156	213	M20x1.5	M16x1	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3EJSS 90S-2 B14B TEFC	1,5	467	176	235	M25x1.5	M16x1	130	110	160	M8	3,5	24	50	8	27	M8
FP3EJSS 90L-2 B14B TEFC	2,2	491														
FP3EJSS 90S-4 B14B TEFC	1,1	451														
FP3EJSS 90L-4 B14B TEFC	1,5	467														
FP3EJSS 90L-6 B14B TEFC	1,1	517														
FP3EJSS 100L-2 B14B TEFC	3,0	554	203	265,5	M25x1.5	M16x1	165	130	200	M10	3,5	28	60	8	31	M10
FP3EJSS 100L1-4 B14B TEFC	2,2	569														
FP3EJSS 100L2-4 B14B TEFC	3,0	614														
FP3EJSS 100L1-6 B14B TEFC	1,5	594														
FP3EJSS 112M-2 B14B TEFC	4,0	587	218	283	M25x1.5	M16x1	165	130	200	M10	3,5	28	60	8	31	M10
FP3EJSS 112M-4 B14B TEFC	4,0	587														
FP3EJSS 112M-6 B14B TEFC	2,2	557														

FP3EJSS B5 TEFC

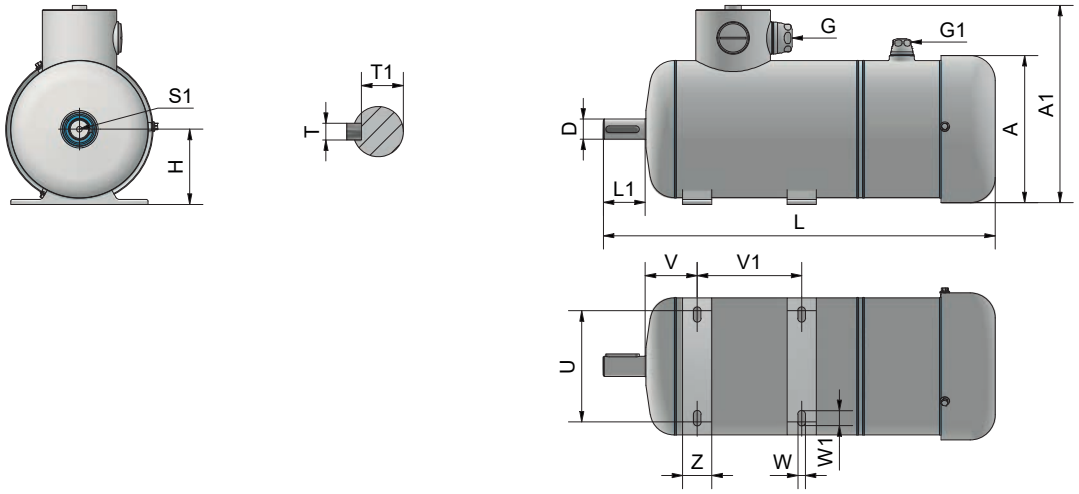


Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B5 TEFC	1,1	464	156	213	M20x1.5	M16x1	165	130	200	12	3,5	19	40	6	21,5	M6
FP3EJSS 90S-2 B5 TEFC	1,5	467														
FP3EJSS 90L-2 B5 TEFC	2,2	491														
FP3EJSS 90S-4 B5 TEFC	1,1	451	176	235	M25x1.5	M16x1	165	130	200	12	3,5	24	50	8	27	M8
FP3EJSS 90L-4 B5 TEFC	1,5	467														
FP3EJSS 90L-6 B5 TEFC	1,1	517														
FP3EJSS 100L-2 B5 TEFC	3,0	554														
FP3EJSS 100L1-4 B5 TEFC	2,2	569														
FP3EJSS 100L2-4 B5 TEFC	3,0	614	203	265,5	M25x1.5	M16x1	215	180	250	15	4	28	60	8	31	M10
FP3EJSS 100L1-6 B5 TEFC	1,5	594														
FP3EJSS 112M-2 B5 TEFC	4,0	587														
FP3EJSS 112M-4 B5 TEFC	4,0	587	218	283	M25x1.5	M16x1	215	180	250	15	4	28	60	8	31	M10
FP3EJSS 112M-6 B5 TEFC	2,2	557														
FP3EJSS 132S1-2 B5 TEFC	5,5	*														
FP3EJSS 132S2-2 B5 TEFC	7,5	*														
FP3EJSS 132S-4 B5 TEFC	5,5	*	256	320	M25x1.5	M16x1	265	230	300	15	4	38	80	10	41	M12
FP3EJSS 132M-4 B5 TEFC	7,5	*														
FP3EJSS 132S-6 B5 TEFC	3	*														
FP3EJSS 160M1-2 B5 TEFC	11	*														
FP3EJSS 160M2-2 B5 TEFC	15	*														
FP3EJSS 160L-2 B5 TEFC	18,5	*	311	385,5	M32x1.5	M16x1	300	250	350	19	5	42	110	12	45	M16
FP3EJSS 160M-4 B5 TEFC	11	*														
FP3EJSS 160L-4 B5 TEFC	15	*														

* = DIMENSION ON REQUEST

Motor dimensions

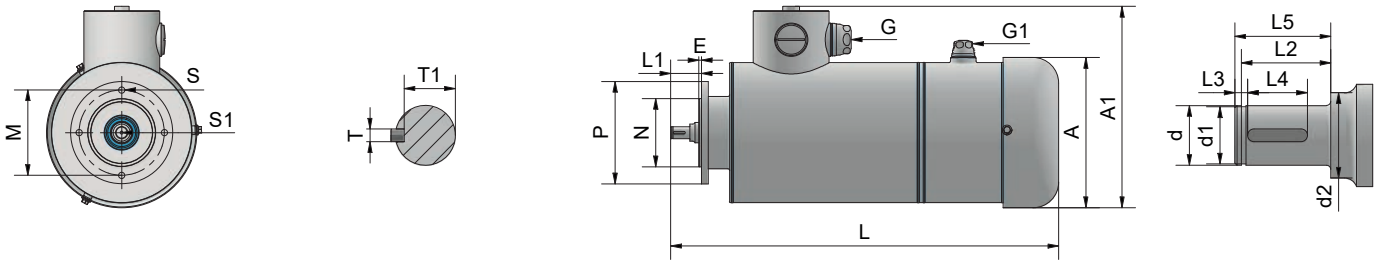
FP3EJSS B3 TEFC



Motor information		General					Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3EJSS 802-2 B3 TEFC	1,1	464	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3EJSS 90S-2 B3 TEFC	1,5	467	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	24	50	8	27	M8
FP3EJSS 90L-2 B3 TEFC	2,2	491							125									
FP3EJSS 90S-4 B3 TEFC	1,1	451							100									
FP3EJSS 90L-4 B3 TEFC	1,5	467							125									
FP3EJSS 90L-6 B3 TEFC	1,1	517							125									
FP3EJSS 100L-2 B3 TEFC	3,0	554	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	28	60	8	31	M10
FP3EJSS 100L1-4 B3 TEFC	2,2	569																
FP3EJSS 100L2-4 B3 TEFC	3,0	614																
FP3EJSS 100L1-6 B3 TEFC	1,5	594																
FP3EJSS 112M-2 B3 TEFC	4,0	587	218	286	M25x1.5	M16x1	112	70	140	190	12	16	40	28	60	8	31	M10
FP3EJSS 112M-4 B3 TEFC	4,0	587																
FP3EJSS 112M-6 B3 TEFC	2,2	557																
FP3EJSS 132S1-2 B3 TEFC	5,5	*	256	324	M25x1.5	M16x1	132	89	140	216	12	16	40	38	80	10	41	M12
FP3EJSS 132S2-2 B3 TEFC	7,5	*							140									
FP3EJSS 132S-4 B3 TEFC	5,5	*							140									
FP3EJSS 132M-4 B3 TEFC	7,5	*							178									
FP3EJSS 132S-6 B3 TEFC	3	*							140									
FP3EJSS 160M1-2 B3 TEFC	11	*	311	390	M32x1.5	M16x1	160	108	210	254	14,5	18,5	50	42	110	12	45	M16
FP3EJSS 160M2-2 B3 TEFC	15	*							210									
FP3EJSS 160L-2 B3 TEFC	18,5	*							254									
FP3EJSS 160M-4 B3 TEFC	11	*							210									
FP3EJSS 160L-4 B3 TEFC	15	*							254									

* = DIMENSION ON REQUEST

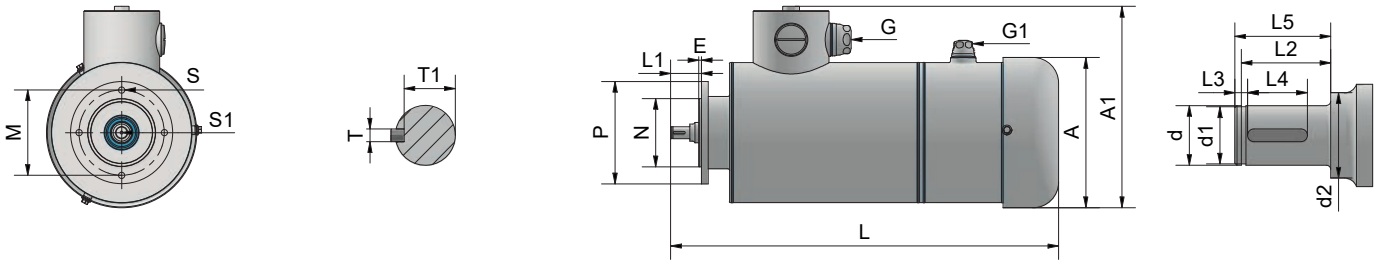
FP3EJSS B5T1 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 802-2 B5T1 TEFC	1,1	471	156	213	M20x1.5	M16x1	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 90S-2 B5T1 TEFC	1,5	453																				
FP3EJSS 90L-2 B5T1 TEFC	2,2	477																				
FP3EJSS 90S-4 B5T1 TEFC	1,1	437	176	235	M25x1.5	M16x1	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7
FP3EJSS 90L-4 B5T1 TEFC	1,5	453																				
FP3EJSS 90L-6 B5T1 TEFC	1,1	503																				

Motor dimensions

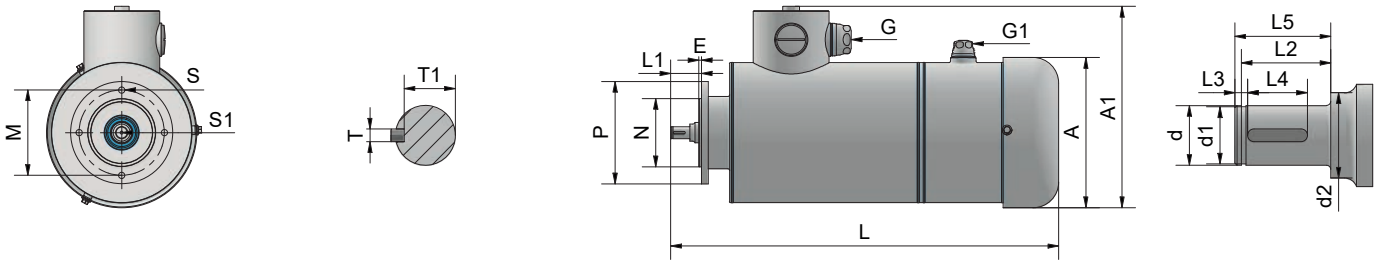
FP3EJSS B5T2 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 802-2 B5T2 TEFC	1,1	470	156	213	M20x1.5	M16x1	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 90S-2 B5T2 TEFC	1,5	458	176	235	M25x1.5	M16x1	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3EJSS 90L-2 B5T2 TEFC	2,2	482																				
FP3EJSS 90S-4 B5T2 TEFC	1,1	442																				
FP3EJSS 90L-4 B5T2 TEFC	1,5	458																				
FP3EJSS 90L-6 B5T2 TEFC	1,1	508																				
FP3EJSS 100L-2 B5T2 TEFC	3,0	552	203	265,5	M25x1.5	M16x1	130	110	160	9	3,5	16	15,2	22	44	24	5	18	26	4	13,5	M6x1
FP3EJSS 100L1-4 B5T2 TEFC	2,2	567																				
FP3EJSS 100L2-4 B5T2 TEFC	3,0	612																				
FP3EJSS 100L1-6 B5T2 TEFC	1,5	592																				
FP3EJSS 112M-2 B5T2 TEFC	4,0	*	218	283	M25x1.5	M16x1	130	110	160	9	3,5	18	17	25	44	27,2	5	20	29	4	15,5	M6x1
FP3EJSS 112M-4 B5T2 TEFC	4,0	*																				
FP3EJSS 112M-6 B5T2 TEFC	2,2	*																				
FP3EJSS 132S1-2 B5T2 TEFC	5,5	*	256	320	M25x1.5	M16x1	130	110	160	9	3,5	22	21	30	44	34,2	6	25	36	5	18,5	M8x1,5
FP3EJSS 132S2-2 B5T2 TEFC	7,5	*																				
FP3EJSS 132S-4 B5T2 TEFC	5,5	*																				
FP3EJSS 132M-4 B5T2 TEFC	7,5	*																				
FP3EJSS 132S-6 B5T2 TEFC	3	*																				

* = DIMENSION ON REQUEST

FP3EJSS B5T3 TEFC

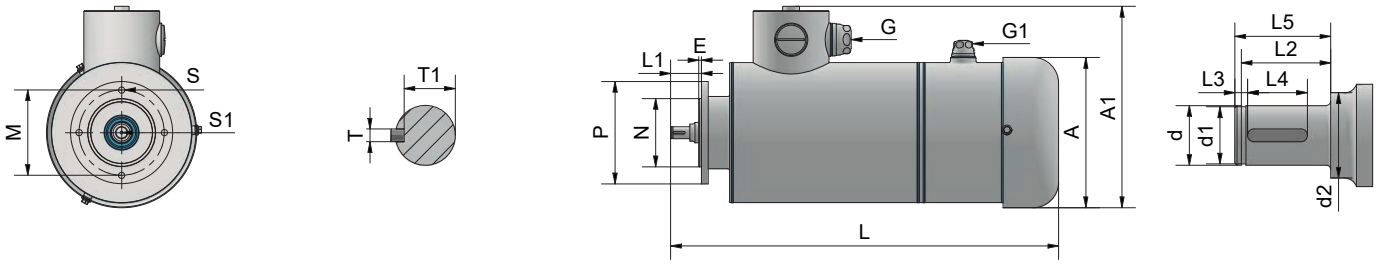


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 802-2 B5T3 TEFC	1,1	*	156	213	M20x1.5	M16x1	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 90S-2 B5T3 TEFC	1,5	466																				
FP3EJSS 90L-2 B5T3 TEFC	2,2	490																				
FP3EJSS 90S-4 B5T3 TEFC	1,1	450	176	235	M25x1.5	M16x1	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3EJSS 90L-4 B5T3 TEFC	1,5	466																				
FP3EJSS 90L-6 B5T3 TEFC	1,1	516																				
FP3EJSS 100L-2 B5T3 TEFC	3,0	562																				
FP3EJSS 100L1-4 B5T3 TEFC	2,2	577																				
FP3EJSS 100L2-4 B5T3 TEFC	3,0	622	203	265,5	M25x1.5	M16x1	165	130	200	11	3,5	16	15,2	22	52	24	5	18	26	4	13,5	M6x1
FP3EJSS 100L1-6 B5T3 TEFC	1,5	602																				
FP3EJSS 112M-2 B5T3 TEFC	4,0	*																				
FP3EJSS 112M-4 B5T3 TEFC	4,0	*	218	283	M25x1.5	M16x1	165	130	200	11	3,5	18	17	25	53	27,2	5	20	29	4	15,5	M6x1
FP3EJSS 112M-6 B5T3 TEFC	2,2	*																				
FP3EJSS 132S1-2 B5T3 TEFC	5,5	*																				
FP3EJSS 132S2-2 B5T3 TEFC	7,5	*																				
FP3EJSS 132S-4 B5T3 TEFC	5,5	*	256	320	M25x1.5	M16x1	165	130	200	11	3,5	22	21	30	56	34,2	6	25	36	5	18,5	M8x1,5
FP3EJSS 132M-4 B5T3 TEFC	7,5	*																				
FP3EJSS 132S-6 B5T3 TEFC	3	*																				

* = DIMENSION ON REQUEST

Motor dimensions

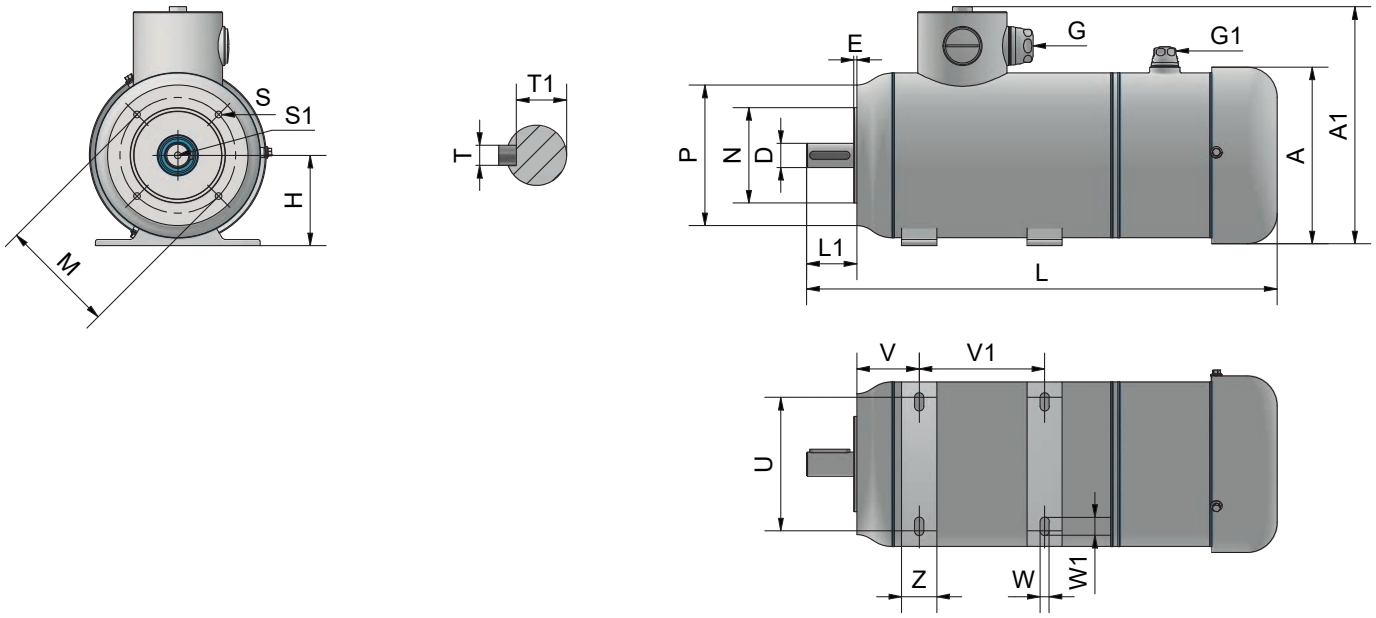
FP3EJSS B5T4 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3EJSS 802-2 B5T4 TEFC	1,1	*	156	213	M20x1.5	M16x1	215	180	250	14	4	12	11,5	17	52,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3EJSS 90S-2 B5T4 TEFC	1,5	*																				
FP3EJSS 90L-2 B5T4 TEFC	2,2	*																				
FP3EJSS 90S-4 B5T4 TEFC	1,1	*	176	235	M25x1.5	M16x1	215	180	250	14	4	14	13,4	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3EJSS 90L-4 B5T4 TEFC	1,5	*																				
FP3EJSS 90L-6 B5T4 TEFC	1,1	*																				
FP3EJSS 100L-2 B5T4 TEFC	3,0	*																				
FP3EJSS 100L1-4 B5T4 TEFC	2,2	*																				
FP3EJSS 100L2-4 B5T4 TEFC	3,0	*	203	265,5	M25x1.5	M16x1	215	180	250	14	4	16	15,2	22	56	24	5	18	26	4	13,5	M6x1
FP3EJSS 100L1-6 B5T4 TEFC	1,5	*																				
FP3EJSS 112M-2 B5T4 TEFC	4,0	*																				
FP3EJSS 112M-4 B5T4 TEFC	4,0	*	218	283	M25x1.5	M16x1	215	180	250	14	4	18	17	25	58	27,2	5	20	29	4	15,5	M6x1
FP3EJSS 112M-6 B5T4 TEFC	2,2	*																				
FP3EJSS 132S1-2 B5T4 TEFC	5,5	*																				
FP3EJSS 132S2-2 B5T4 TEFC	7,5	*																				
FP3EJSS 132S-4 B5T4 TEFC	5,5	*	256	320	M25x1.5	M16x1	215	180	250	14	4	22	21	30	61	34,2	6	25	36	5	18,5	M8x1,5
FP3EJSS 132M-4 B5T4 TEFC	7,5	*																				
FP3EJSS 132S-6 B5T4 TEFC	3	*																				

* = DIMENSION ON REQUEST

FPEJ3SS B3 B14A TEFC

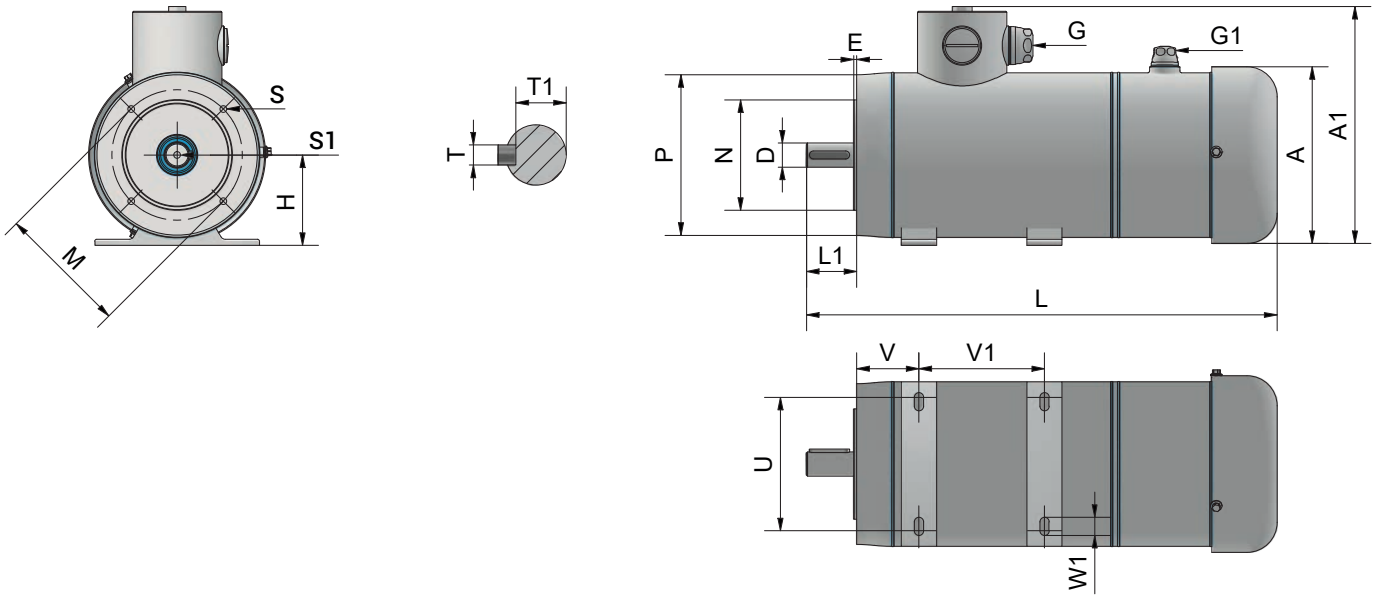


Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B3 B14A TEFC	1,1	464	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3EJSS 90S-2 B3 B14A TEFC	1,5	467							100														
FP3EJSS 90L-2 B3 B14A TEFC	2,2	491							125														
FP3EJSS 90S-4 B3 B14A TEFC	1,1	451	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8
FP3EJSS 90L-4 B3 B14A TEFC	1,5	467							125														
FP3EJSS 90L-6 B3 B14A TEFC	1,1	517							125														
FP3EJSS 100L-2 B3 B14A TEFC	3,0	554																					
FP3EJSS 100L1-4 B3 B14A TEFC	2,2	569																					
FP3EJSS 100L2-4 B3 B14A TEFC	3,0	614	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	130	110	160	M8	3,5	28	60	8	31	M10
FP3EJSS 100L1-6 B3 B14A TEFC	1,5	594																					
FP3EJSS 112M-2 B3 B14A TEFC	4,0	587																					
FP3EJSS 112M-4 B3 B14A TEFC	4,0	587	218	286	M25x1.5	M16x1	112	70	140	190	12	16	40	130	110	160	M8	3,5	28	60	8	31	M10
FP3EJSS 112M-6 B3 B14A TEFC	2,2	557																					
FP3EJSS 132S1-2 B3 B14A TEFC	5,5	*							140														
FP3EJSS 132S2-2 B3 B14A TEFC	7,5	*							140														
FP3EJSS 132S-4 B3 B14A TEFC	5,5	*	256	324	M25x1.5	M16x1	132	89	140	216	12	16	40	165	130	200	M10	3,5	38	80	10	41	M12
FP3EJSS 132M-4 B3 B14A TEFC	7,5	*							178														
FP3EJSS 132S-6 B3 B14A TEFC	3	*							140														
FP3EJSS 160M1-2 B3 B14A TEFC	11	*							210														
FP3EJSS 160M2-2 B3 B14A TEFC	15	*							210														
FP3EJSS 160L-2 B3 B14A TEFC	18,5	*	311	390	M32x1.5	M16x1	160	108	254	254	14,5	18,5	50	215	180	250	M12	5	42	110	12	45	M16
FP3EJSS 160M-4 B3 B14A TEFC	11	*							210														
FP3EJSS 160L-4 B3 B14A TEFC	15	*							254														

* = DIMENSION ON REQUEST

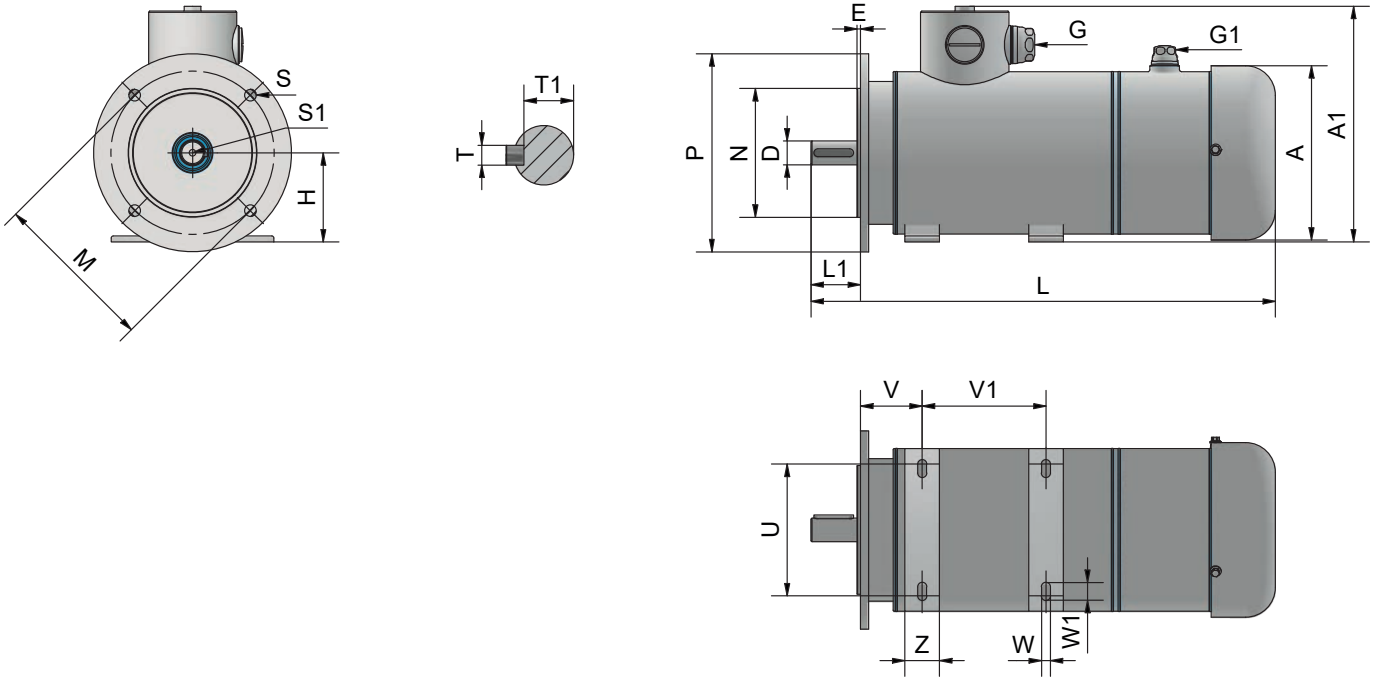
Motor dimensions

FP3EJSS B3 B14B TEFC



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B3 B14B TEFC	1,1	464	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3EJSS 90S-2 B3 B14B TEFC	1,5	467	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8
FP3EJSS 90L-2 B3 B14B TEFC	2,2	491							125														
FP3EJSS 90S-4 B3 B14B TEFC	1,1	451							100														
FP3EJSS 90L-4 B3 B14B TEFC	1,5	467							125														
FP3EJSS 90L-6 B3 B14B TEFC	1,1	517							125														
FP3EJSS 100L-2 B3 B14B TEFC	3,0	554	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	165	130	200	M10	3,5	28	60	8	31	M10
FP3EJSS 100L1-4 B3 B14B TEFC	2,2	569																					
FP3EJSS 100L2-4 B3 B14B TEFC	3,0	614																					
FP3EJSS 100L1-6 B3 B14B TEFC	1,5	594																					
FP3EJSS 112M-2 B3 B14B TEFC	4,0	587	218	286	M25x1.5	M16x1	112	70	140	190	12	16	40	165	130	200	M10	3,5	28	60	8	31	M10
FP3EJSS 112M-4 B3 B14B TEFC	4,0	587																					
FP3EJSS 112M-6 B3 B14B TEFC	2,2	557																					

FP3EJSS B3 B5 TEFC

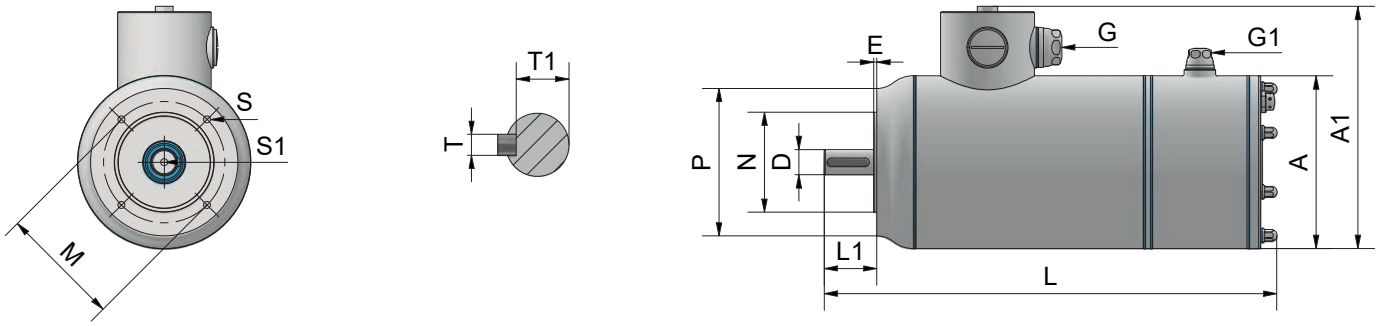


Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3EJSS 802-2 B3 B5 TEFC	1,1	464	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3EJSS 90S-2 B3 B5 TEFC	1,5	467							100														
FP3EJSS 90L-2 B3 B5 TEFC	2,2	491							125														
FP3EJSS 90S-4 B3 B5 TEFC	1,1	451	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8
FP3EJSS 90L-4 B3 B5 TEFC	1,5	467							125														
FP3EJSS 90L-6 B3 B5 TEFC	1,1	517							125														
FP3EJSS 100L-2 B3 B5 TEFC	3,0	554																					
FP3EJSS 100L1-4 B3 B5 TEFC	2,2	569																					
FP3EJSS 100L2-4 B3 B5 TEFC	3,0	614	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	215	180	250	15	4	28	60	8	31	M10
FP3EJSS 100L1-6 B3 B5 TEFC	1,5	594																					
FP3EJSS 112M-2 B3 B5 TEFC	4,0	587																					
FP3EJSS 112M-4 B3 B5 TEFC	4,0	587	218	286	M25x1.5	M16x1	112	70	140	190	12	16	40	215	180	250	15	4	28	60	8	31	M10
FP3EJSS 112M-6 B3 B5 TEFC	2,2	557																					
FP3EJSS 132S1-2 B3 B5 TEFC	5,5	*							140														
FP3EJSS 132S2-2 B3 B5 TEFC	7,5	*							140														
FP3EJSS 132S-4 B3 B5 TEFC	5,5	*	256	324	M25x1.5	M16x1	132	89	140	216	12	16	40	265	230	300	15	4	38	80	10	41	M12
FP3EJSS 132M-4 B3 B5 TEFC	7,5	*							178														
FP3EJSS 132S-6 B3 B5 TEFC	3	*							140														
FP3EJSS 160M1-2 B3 B5 TEFC	11	*							210														
FP3EJSS 160M2-2 B3 B5 TEFC	15	*							210														
FP3EJSS 160L-2 B3 B5 TEFC	18,5	*	311	390	M32x1.5	M16x1	160	108	254	254	14,5	18,5	50	300	250	350	19	5	42	110	12	45	M16
FP3EJSS 160M-4 B3 B5 TEFC	11	*							210														
FP3EJSS 160L-4 B3 B5 TEFC	15	*							254														

* = DIMENSION ON REQUEST

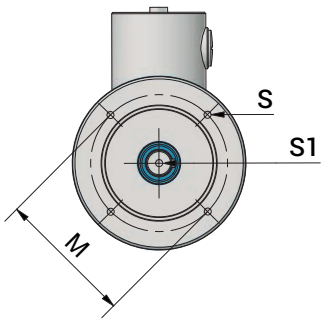
Motor dimensions

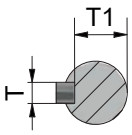
FP3ENSS B14A TENV

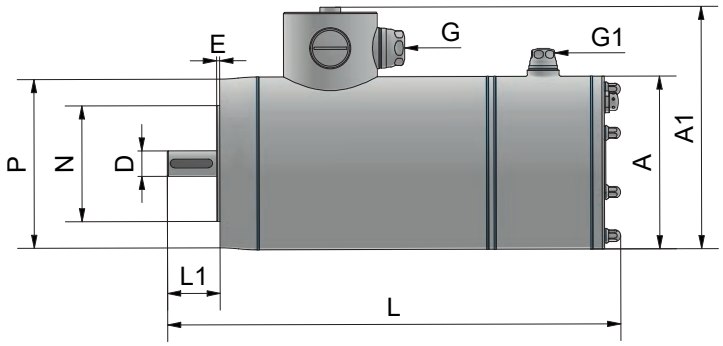


Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B14A TENV	0,18	290	114	175	M20x1.5	M16x1	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3ENSS 632-2 B14A TENV	0,25	315														
FP3ENSS 631-4 B14A TENV	0,12	290														
FP3ENSS 632-4 B14A TENV	0,18	315														
FP3ENSS 711-2 B14A TENV	0,37	323	134	196	M20x1.5	M16x1	85	70	105	M6	2,5	14	30	5	16	M5
FP3ENSS 712-2 B14A TENV	0,55	353														
FP3ENSS 711-4 B14A TENV	0,25	323														
FP3ENSS 712-4 B14A TENV	0,37	333														
FP3ENSS711-6 B14A TENV	0,18	333														
FP3ENSS 712-6 B14A TENV	0,25	353														
FP3ENSS 801-2 B14A TENV	0,75	416	144	207	M20x1.5	M16x1	100	80	120	M6	3	19	40	6	21,5	M6
FP3ENSS 801-4 B14A TENV	0,55	386														
FP3ENSS 802-4 B14A TENV	0,75	426														
FP3ENSS 801-6 B14A TENV	0,37	386														
FP3ENSS 802-6 B14A TENV	0,55	426														
FP3ENSS 90S-6 B14A TENV	0,75	464	164	229	M25x1.5	M16x1	115	95	140	M8	3	24	50	8	27	M8

FP3ENSS B14B TENV



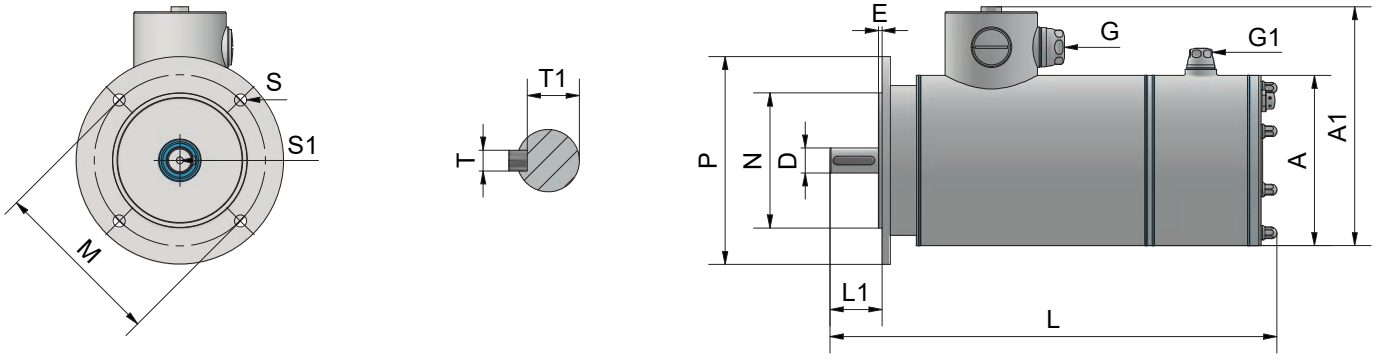




Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B14B TENV	0,18	290	114	175	M20x1.5	M16x1	100	80	120	M6	3	11	23	4	12,5	M4
FP3ENSS 632-2 B14B TENV	0,25	315														
FP3ENSS 631-4 B14B TENV	0,12	290														
FP3ENSS 632-4 B14B TENV	0,18	315														
FP3ENSS 711-2 B14B TENV	0,37	323	134	196	M20x1.5	M16x1	115	95	140	M8	3	14	30	5	16	M5
FP3ENSS 712-2 B14B TENV	0,55	353														
FP3ENSS 711-4 B14B TENV	0,25	323														
FP3ENSS 712-4 B14B TENV	0,37	333														
FP3ENSS711-6 B14B TENV	0,18	333														
FP3ENSS 712-6 B14B TENV	0,25	353														
FP3ENSS 801-2 B14B TENV	0,75	416	144	207	M20x1.5	M16x1	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3ENSS 801-4 B14B TENV	0,55	386														
FP3ENSS 802-4 B14B TENV	0,75	426														
FP3ENSS 801-6 B14B TENV	0,37	386														
FP3ENSS 802-6 B14B TENV	0,55	426														
FP3ENSS 90S-6 B14B TENV	0,75	464	164	229	M25x1.5	M16x1	130	110	160	M8	3,5	24	50	8	27	M8

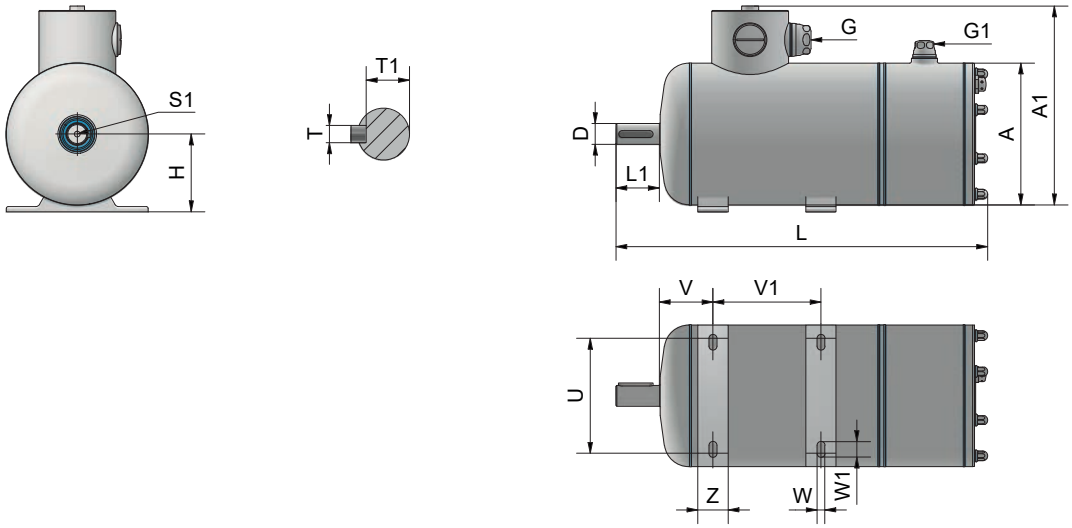
Motor dimensions

FP3ENSS B5 TENV



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B5 TENV	0,18	290	114	175	M20x1.5	M16x1	115	95	140	10	2,5	11	23	4	12,5	M4
FP3ENSS 632-2 B5 TENV	0,25	315														
FP3ENSS 631-4 B5 TENV	0,12	290														
FP3ENSS 632-4 B5 TENV	0,18	315														
FP3ENSS 711-2 B5 TENV	0,37	323	134	196	M20x1.5	M16x1	130	110	160	10	3,5	14	30	5	16	M5
FP3ENSS 712-2 B5 TENV	0,55	353														
FP3ENSS 711-4 B5 TENV	0,25	323														
FP3ENSS 712-4 B5 TENV	0,37	333														
FP3ENSS711-6 B5 TENV	0,18	333														
FP3ENSS 712-6 B5 TENV	0,25	353														
FP3ENSS 801-2 B5 TENV	0,75	416	144	207	M20x1.5	M16x1	165	130	200	12	3,5	19	40	6	21,5	M6
FP3ENSS 801-4 B5 TENV	0,55	386														
FP3ENSS 802-4 B5 TENV	0,75	426														
FP3ENSS 801-6 B5 TENV	0,37	386														
FP3ENSS 802-6 B5 TENV	0,55	426														
FP3ENSS 90S-6 B5 TENV	0,75	464	164	229	M25x1.5	M16x1	165	130	200	12	3,5	24	50	8	27	M8

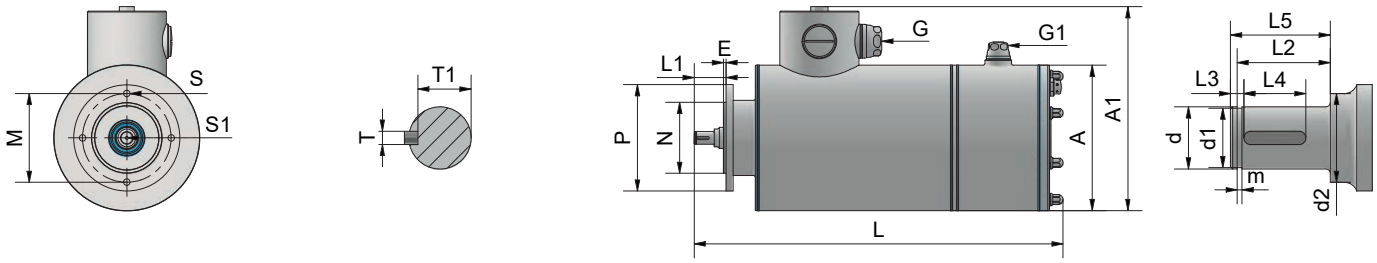
FP3ENSS B3 TENV



Motor information		General					Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3ENSS 631-2 B3 TENV	0,18	290	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	11	23	4	12,5	M4
FP3ENSS 632-2 B3 TENV	0,25	315																
FP3ENSS 631-4 B3 TENV	0,12	290																
FP3ENSS 632-4 B3 TENV	0,18	315																
FP3ENSS 711-2 B3 TENV	0,37	323	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	14	30	5	16	M5
FP3ENSS 712-2 B3 TENV	0,55	353																
FP3ENSS 711-4 B3 TENV	0,25	323																
FP3ENSS 712-4 B3 TENV	0,37	333																
FP3ENSS711-6 B3 TENV	0,18	333																
FP3ENSS 712-6 B3 TENV	0,25	353																
FP3ENSS 801-2 B3 TENV	0,75	416	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3ENSS 801-4 B3 TENV	0,55	386																
FP3ENSS 802-4 B3 TENV	0,75	426																
FP3ENSS 801-6 B3 TENV	0,37	386																
FP3ENSS 802-6 B3 TENV	0,55	426																
FP3ENSS 90S-6 B3 TENV	0,75	464	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	24	50	8	27	M8

Motor dimensions

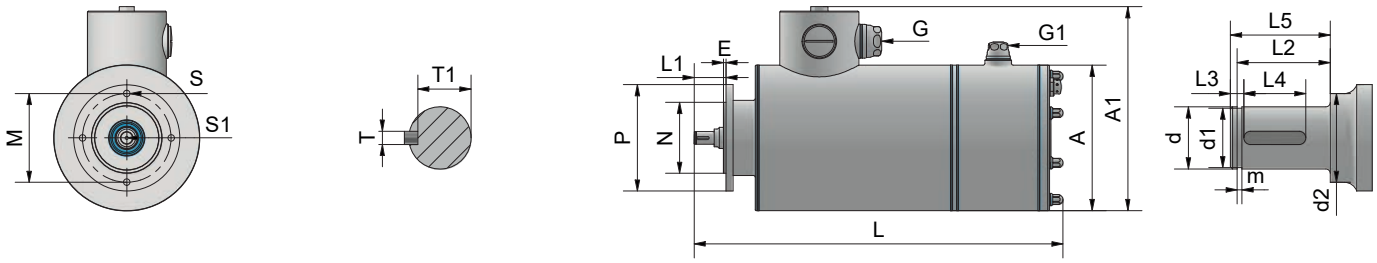
FP3ENSS B5T1 TENV



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 631-2 B5T1 TENV	0,18	*	114	175	M20x1.5	M16x1	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3ENSS 632-2 B5T1 TENV	0,25	*																				
FP3ENSS 631-4 B5T1 TENV	0,12	*																				
FP3ENSS 632-4 B5T1 TENV	0,18	*																				
FP3ENSS 711-2 B5T1 TENV	0,37	342	134	196	M20x1.5	M16x1	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP3ENSS 712-2 B5T1 TENV	0,55	372																				
FP3ENSS 711-4 B5T1 TENV	0,25	342																				
FP3ENSS 712-4 B5T1 TENV	0,37	352																				
FP3ENSS711-6 B5T1 TENV	0,18	352																				
FP3ENSS 712-6 B5T1 TENV	0,25	372																				
FP3ENSS 801-2 B5T1 TENV	0,75	423	144	207	M20x1.5	M16x1	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 801-4 B5T1 TENV	0,55	393																				
FP3ENSS 802-4 B5T1 TENV	0,75	433																				
FP3ENSS 801-6 B5T1 TENV	0,37	393																				
FP3ENSS 802-6 B5T1 TENV	0,55	433																				
FP3ENSS 90S-6 B5T1 TENV	0,75	450	164	229	M25x1.5	M16x1	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP3ENSS B5T2 TENV

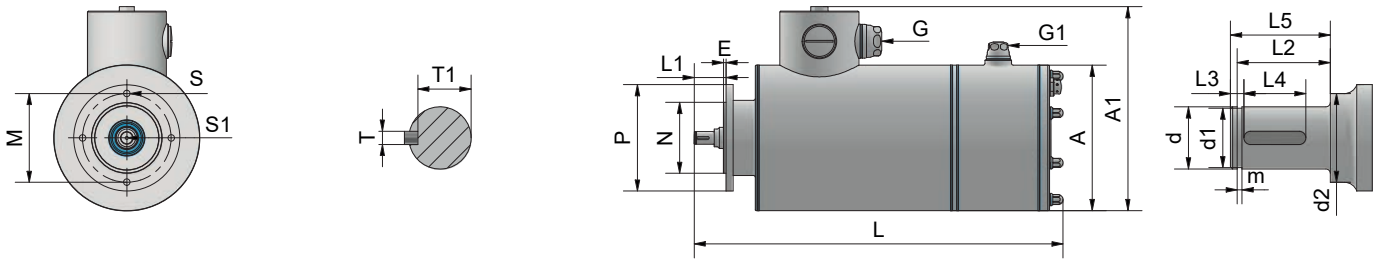


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 631-2 B5T2 TENV	0,18	*	114	175	M20x1.5	M16x1	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3ENSS 632-2 B5T2 TENV	0,25	*																				
FP3ENSS 631-4 B5T2 TENV	0,12	*																				
FP3ENSS 632-4 B5T2 TENV	0,18	*																				
FP3ENSS 711-2 B5T2 TENV	0,37	340	134	196	M20x1.5	M16x1	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3ENSS 712-2 B5T2 TENV	0,55	370																				
FP3ENSS 711-4 B5T2 TENV	0,25	340																				
FP3ENSS 712-4 B5T2 TENV	0,37	350																				
FP3ENSS711-6 B5T2 TENV	0,18	350																				
FP3ENSS 712-6 B5T2 TENV	0,25	370																				
FP3ENSS 801-2 B5T2 TENV	0,75	422	144	207	M20x1.5	M16x1	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 801-4 B5T2 TENV	0,55	392																				
FP3ENSS 802-4 B5T2 TENV	0,75	432																				
FP3ENSS 801-6 B5T2 TENV	0,37	392																				
FP3ENSS 802-6 B5T2 TENV	0,55	432																				
FP3ENSS 90S-6 B5T2 TENV	0,75	455	164	229	M25x1.5	M16x1	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

Motor dimensions

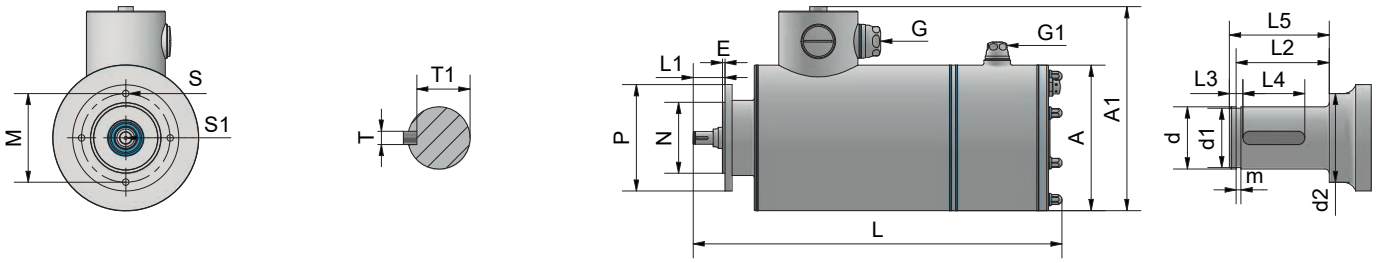
FP3ENSS B5T3 TENV



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 711-2 B5T3 TENV	0,37	*	134	196	M20x1.5	M16x1	165	130	200	11	3,5	10	9,6	14	47,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP3ENSS 712-2 B5T3 TENV	0,55	*																				
FP3ENSS 711-4 B5T3 TENV	0,25	*																				
FP3ENSS 712-4 B5T3 TENV	0,37	*																				
FP3ENSS711-6 B5T3 TENV	0,18	*																				
FP3ENSS 712-6 B5T3 TENV	0,25	*																				
FP3ENSS 801-2 B5T3 TENV	0,75	*	144	207	M20x1.5	M16x1	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 801-4 B5T3 TENV	0,55	*																				
FP3ENSS 802-4 B5T3 TENV	0,75	*																				
FP3ENSS 801-6 B5T3 TENV	0,37	*																				
FP3ENSS 802-6 B5T3 TENV	0,55	*																				
FP3ENSS 90S-6 B5T3 TENV	0,75	463	164	229	M25x1.5	M16x1	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP3ENSS B5T4 TENV

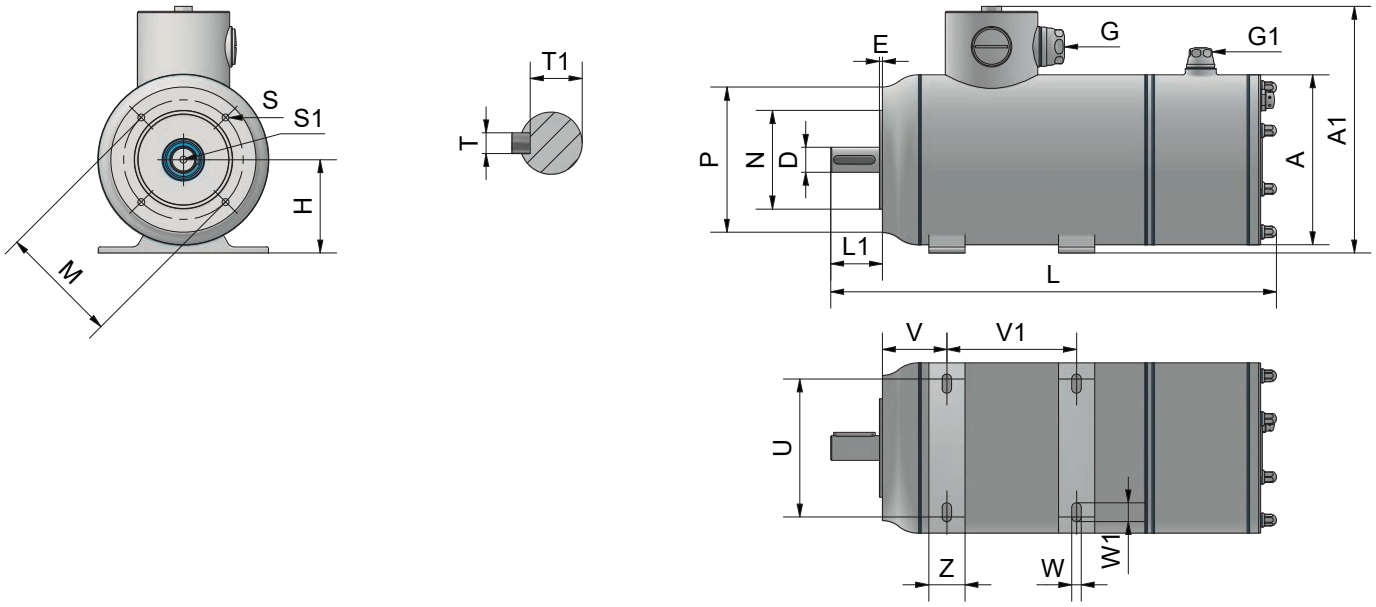


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 801-2 B5T4 TENV	0,75	*																				
FP3ENSS 801-4 B5T4 TENV	0,55	*																				
FP3ENSS 802-4 B5T4 TENV	0,75	*	144	207	M20x1.5	M16x1	215	180	250	14	4	11,5	12	17	52,5	19	3,5	14	20,5	3	10,2	M4x,07
FP3ENSS 801-6 B5T4 TENV	0,37	*																				
FP3ENSS 802-6 B5T4 TENV	0,55	*																				
FP3ENSS 90S-6 B5T4 TENV	0,75	*	164	229	M25x1.5	M16x1	215	180	250	14	4	13,4	14	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

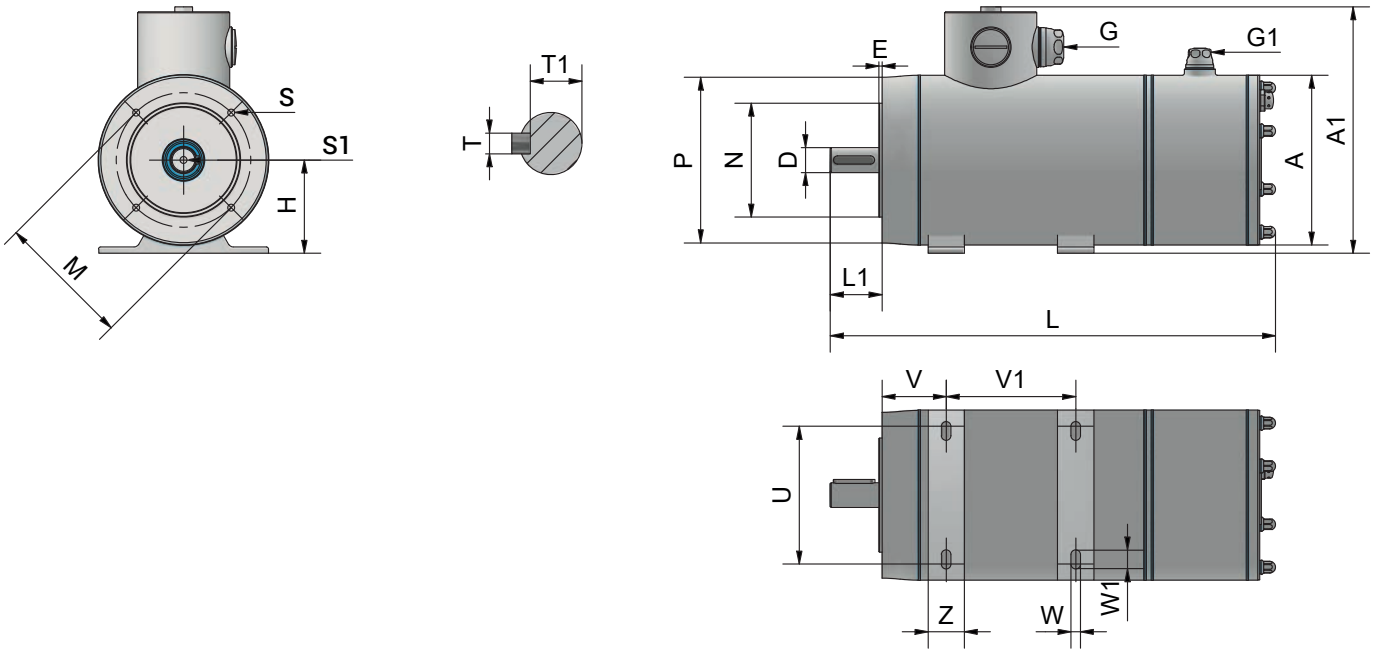
Motor dimensions

FP3ENSS B3 B14A TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B3 B14A TENV	0,18	290	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	75	60	90	M5	2,5	11	23	4	12,5	M4
FP3ENSS 632-2 B3 B14A TENV	0,25	315																					
FP3ENSS 631-4 B3 B14A TENV	0,12	290																					
FP3ENSS 632-4 B3 B14A TENV	0,18	315																					
FP3ENSS 711-2 B3 B14A TENV	0,37	323	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	85	70	105	M6	2,5	14	30	5	16	M5
FP3ENSS 712-2 B3 B14A TENV	0,55	353																					
FP3ENSS 711-4 B3 B14A TENV	0,25	323																					
FP3ENSS 712-4 B3 B14A TENV	0,37	333																					
FP3ENSS711-6 B3 B14A TENV	0,18	333																					
FP3ENSS 712-6 B3 B14A TENV	0,25	353																					
FP3ENSS 801-2 B3 B14A TENV	0,75	416	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3ENSS 801-4 B3 B14A TENV	0,55	386																					
FP3ENSS 802-4 B3 B14A TENV	0,75	426																					
FP3ENSS 801-6 B3 B14A TENV	0,37	386																					
FP3ENSS 802-6 B3 B14A TENV	0,55	426																					
FP3ENSS 90S-6 B3 B14A TENV	0,75	464	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8

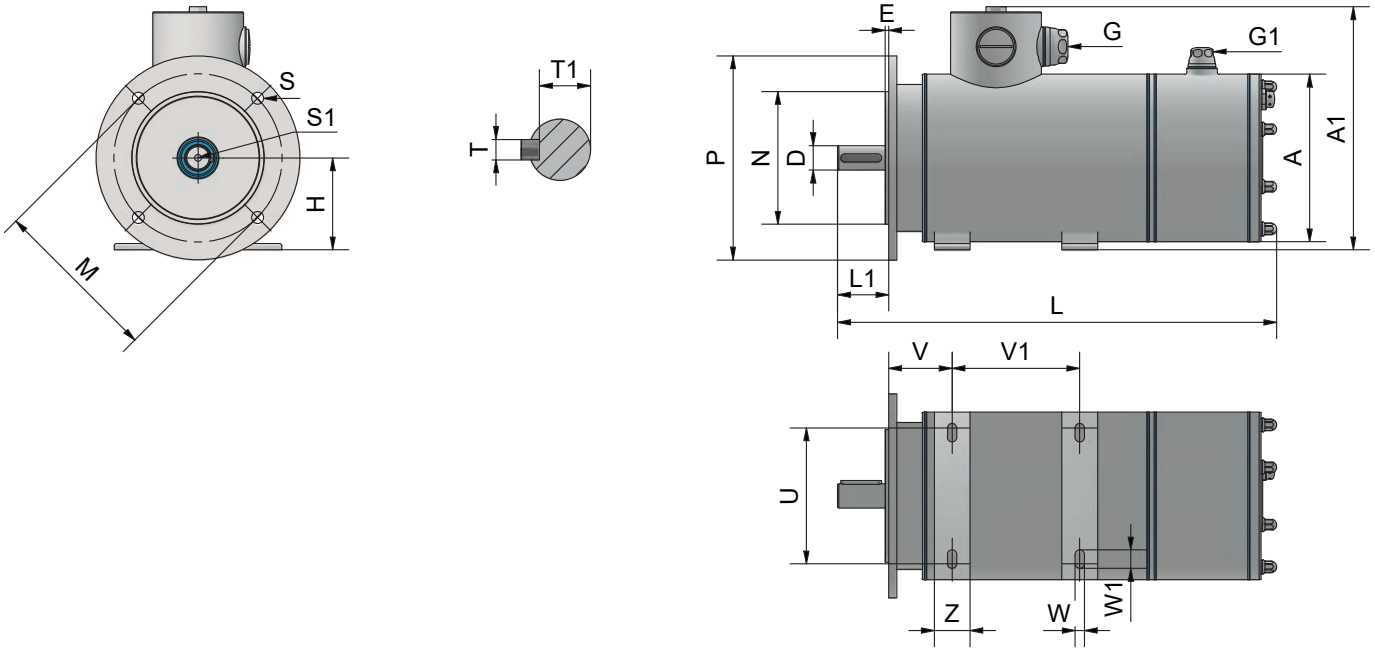
FP3ENSS B3 B14B TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B3 B14B TENV	0,18	290	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	100	80	120	M6	3	11	23	4	12,5	M4
FP3ENSS 632-2 B3 B14B TENV	0,25	315																					
FP3ENSS 631-4 B3 B14B TENV	0,12	290																					
FP3ENSS 632-4 B3 B14B TENV	0,18	315																					
FP3ENSS 711-2 B3 B14B TENV	0,37	323	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	115	95	140	M8	3	14	30	5	16	M5
FP3ENSS 712-2 B3 B14B TENV	0,55	353																					
FP3ENSS 711-4 B3 B14B TENV	0,25	323																					
FP3ENSS 712-4 B3 B14B TENV	0,37	333																					
FP3ENSS711-6 B3 B14B TENV	0,18	333																					
FP3ENSS 712-6 B3 B14B TENV	0,25	353																					
FP3ENSS 801-2 B3 B14B TENV	0,75	416	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3ENSS 801-4 B3 B14B TENV	0,55	386																					
FP3ENSS 802-4 B3 B14B TENV	0,75	426																					
FP3ENSS 801-6 B3 B14B TENV	0,37	386																					
FP3ENSS 802-6 B3 B14B TENV	0,55	426																					
FP3ENSS 90S-6 B3 B14B TENV	0,75	464	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8

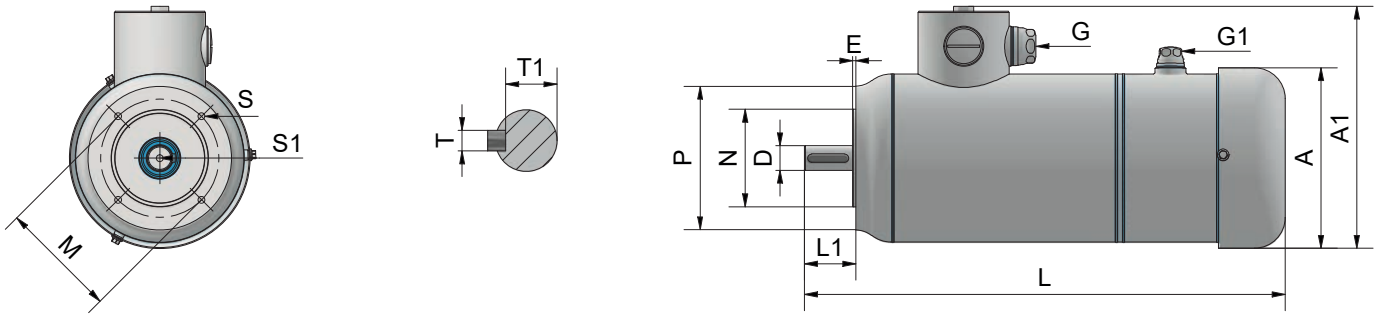
Motor dimensions

FP3ENSS B3 B5 TENV



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 631-2 B3 B5 TENV	0,18	290	114	180	M20x1.5	M16x1	63	40	80	100	7	10	25	115	95	140	10	2,5	11	23	4	12,5	M4
FP3ENSS 632-2 B3 B5 TENV	0,25	315																					
FP3ENSS 631-4 B3 B5 TENV	0,12	290																					
FP3ENSS 632-4 B3 B5 TENV	0,18	315																					
FP3ENSS 711-2 B3 B5 TENV	0,37	323	134	200	M20x1.5	M16x1	71	45	90	112	7	10	25	130	110	160	10	3,5	14	30	5	16	M5
FP3ENSS 712-2 B3 B5 TENV	0,55	353																					
FP3ENSS 711-4 B3 B5 TENV	0,25	323																					
FP3ENSS 712-4 B3 B5 TENV	0,37	333																					
FP3ENSS711-6 B3 B5 TENV	0,18	333																					
FP3ENSS 712-6 B3 B5 TENV	0,25	353																					
FP3ENSS 801-2 B3 B5 TENV	0,75	416	144	215	M20x1.5	M16x1	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3ENSS 801-4 B3 B5 TENV	0,55	386																					
FP3ENSS 802-4 B3 B5 TENV	0,75	426																					
FP3ENSS 801-6 B3 B5 TENV	0,37	386																					
FP3ENSS 802-6 B3 B5 TENV	0,55	426																					
FP3ENSS 90S-6 B3 B5 TENV	0,75	464	164	237	M25x1.5	M16x1	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8

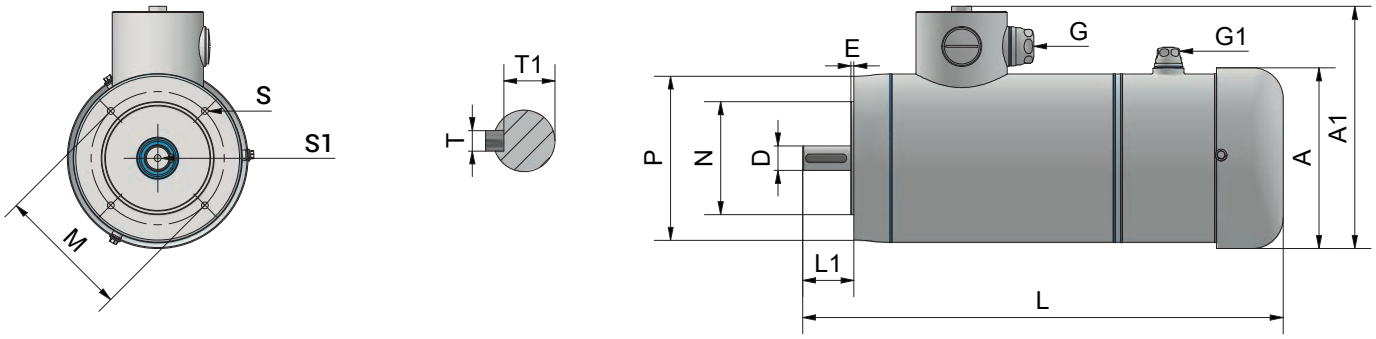
FP3ENSS B14A TEFC



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B14A TEFC	1,1	444	156	213	M20x1.5	M16x1	100	80	120	M6	3	19	40	6	21,5	M6
FP3ENSS 90S-2 B14A TEFC	1,5	437	176	235	M25x1.5	M16x1	115	95	140	M8	3	24	50	8	27	M8
FP3ENSS 90L-2 B14A TEFC	2,2	461														
FP3ENSS 90S-4 B14A TEFC	1,1	421														
FP3ENSS 90L-4 B14A TEFC	1,5	437														
FP3ENSS 90L-6 B14A TEFC	1,1	487														
FP3ENSS 100L-2 B14A TEFC	3,0	524	203	265,5	M25x1.5	M16x1	130	110	160	M8	3,5	28	60	8	31	M10
FP3ENSS 100L1-4 B14A TEFC	2,2	539														
FP3ENSS 100L2-4 B14A TEFC	3,0	584														
FP3ENSS 100L1-6 B14A TEFC	1,5	564														

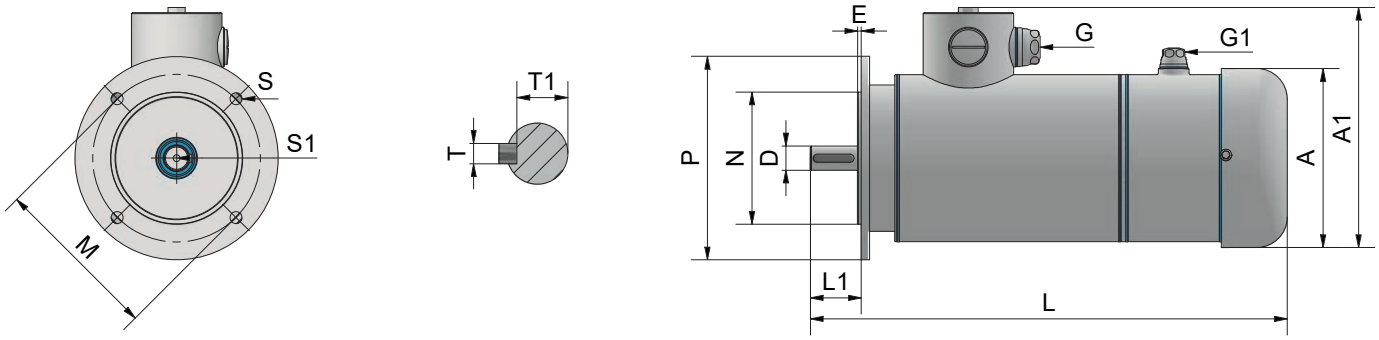
Motor dimensions

FP3ENSS B14B TEFC



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B14B TEFC	1,1	444	156	213	M20x1.5	M16x1	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3ENSS 90S-2 B14B TEFC	1,5	437	176	235	M25x1.5	M16x1	130	110	160	M8	3,5	24	50	8	27	M8
FP3ENSS 90L-2 B14B TEFC	2,2	461														
FP3ENSS 90S-4 B14B TEFC	1,1	421														
FP3ENSS 90L-4 B14B TEFC	1,5	437														
FP3ENSS 90L-6 B14B TEFC	1,1	487														
FP3ENSS 100L-2 B14B TEFC	3,0	524	203	265,5	M25x1.5	M16x1	165	130	200	M10	3,5	28	60	8	31	M10
FP3ENSS 100L1-4 B14B TEFC	2,2	539														
FP3ENSS 100L2-4 B14B TEFC	3,0	584														
FP3ENSS 100L1-6 B14B TEFC	1,5	564														

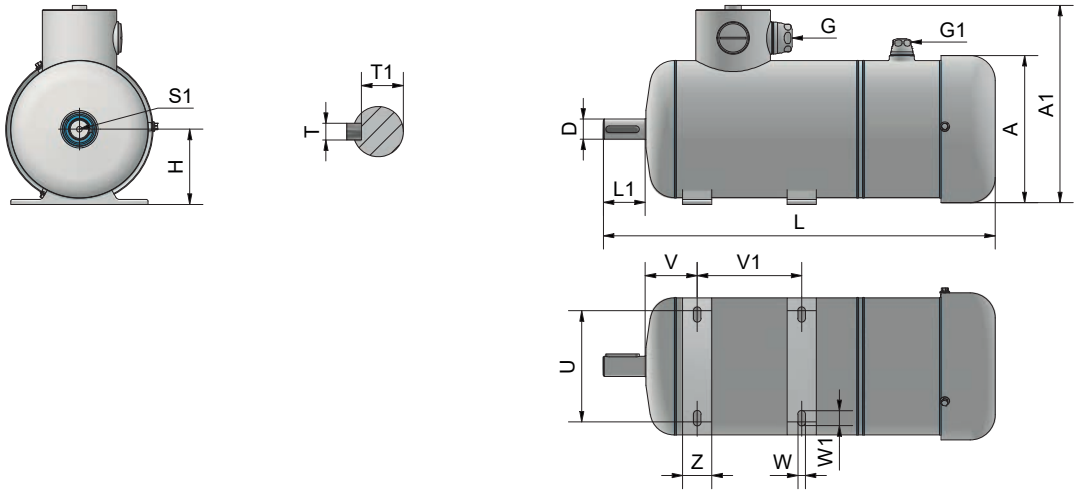
FP3ENSS B5 TEFC



Motor information		General					Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G1	G1	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B5 TEFC	1,1	444	156	213	M20x1.5	M16x1	165	130	200	12	3,5	19	40	6	21,5	M6
FP3ENSS 90S-2 B5 TEFC	1,5	437	176	235	M25x1.5	M16x1	165	130	200	12	3,5	24	50	8	27	M8
FP3ENSS 90L-2 B5 TEFC	2,2	461														
FP3ENSS 90S-4 B5 TEFC	1,1	421														
FP3ENSS 90L-4 B5 TEFC	1,5	437														
FP3ENSS 90L-6 B5 TEFC	1,1	487														
FP3ENSS 100L-2 B5 TEFC	3,0	524	203	265,5	M25x1.5	M16x1	215	180	250	15	4	28	60	8	31	M10
FP3ENSS 100L1-4 B5 TEFC	2,2	539														
FP3ENSS 100L2-4 B5 TEFC	3,0	584														
FP3ENSS 100L1-6 B5 TEFC	1,5	564														

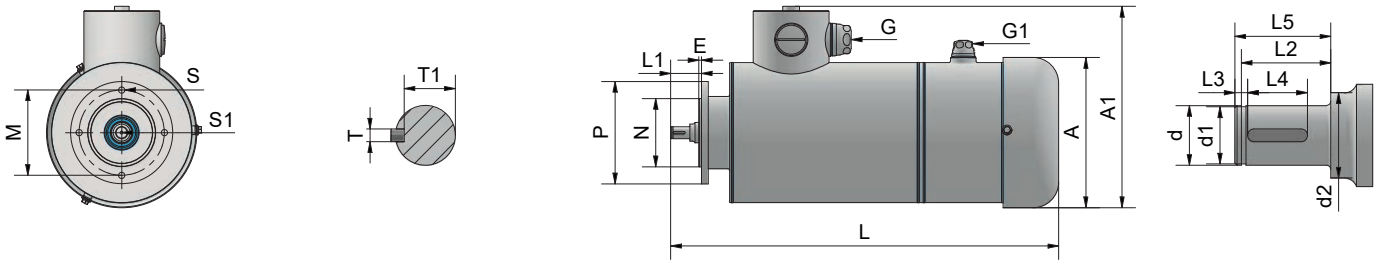
Motor dimensions

FP3ENSS B3 TEFC



Motor information		General					Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP3ENSS 802-2 B3 TEFC	1,1	444	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP3ENSS 90S-2 B3 TEFC	1,5	437	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	24	50	8	27	M8
FP3ENSS 90L-2 B3 TEFC	2,2	461							125									
FP3ENSS 90S-4 B3 TEFC	1,1	421							100									
FP3ENSS 90L-4 B3 TEFC	1,5	437							125									
FP3ENSS 90L-6 B3 TEFC	1,1	487							125									
FP3ENSS 100L-2 B3 TEFC	3,0	524	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	28	60	8	31	M10
FP3ENSS 100L1-4 B3 TEFC	2,2	539																
FP3ENSS 100L2-4 B3 TEFC	3,0	584																
FP3ENSS 100L1-6 B3 TEFC	1,5	564																

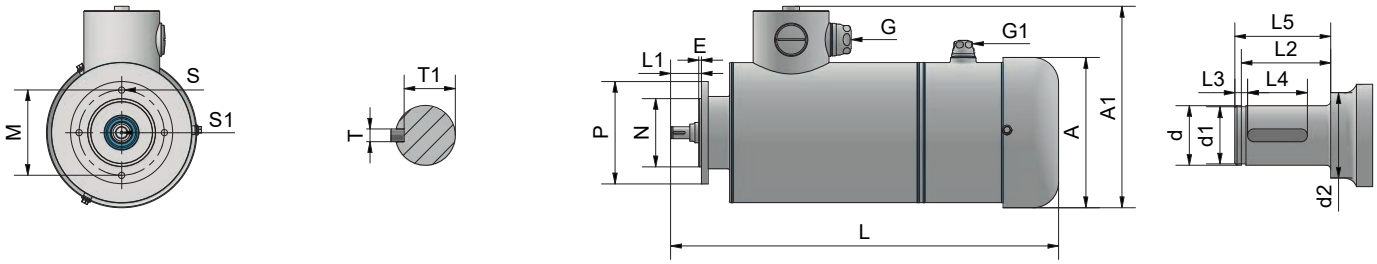
FP3ENSS B5T1 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 802-2 B5T1 TEFC	1,1	451	156	213	M20x1.5	M16x1	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 90S-2 B5T1 TEFC	1,5	423																				
FP3ENSS 90L-2 B5T1 TEFC	2,2	447																				
FP3ENSS 90S-4 B5T1 TEFC	1,1	407	176	235	M25x1.5	M16x1	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7
FP3ENSS 90L-4 B5T1 TEFC	1,5	423																				
FP3ENSS 90L-6 B5T1 TEFC	1,1	473																				

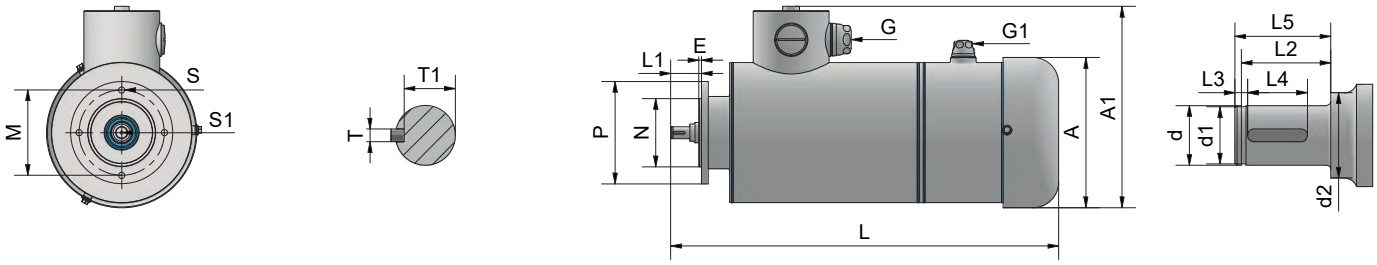
Motor dimensions

FP3ENSS B5T2 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 802-2 B5T2 TEFC	1,1	450	156	213	M20x1.5	M16x1	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 90S-2 B5T2 TEFC	1,5	428	176	235	M25x1.5	M16x1	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3ENSS 90L-2 B5T2 TEFC	2,2	452																				
FP3ENSS 90S-4 B5T2 TEFC	1,1	412																				
FP3ENSS 90L-4 B5T2 TEFC	1,5	428																				
FP3ENSS 90L-6 B5T2 TEFC	1,1	478																				
FP3ENSS 100L-2 B5T2 TEFC	3,0	522	203	265,5	M25x1.5	M16x1	130	110	160	9	3,5	16	15,2	22	44	24	5	18	26	4	13,5	M6x1
FP3ENSS 100L1-4 B5T2 TEFC	2,2	537																				
FP3ENSS 100L2-4 B5T2 TEFC	3,0	582																				
FP3ENSS 100L1-6 B5T2 TEFC	1,5	562																				

FP3ENSS B5T3 TEFC

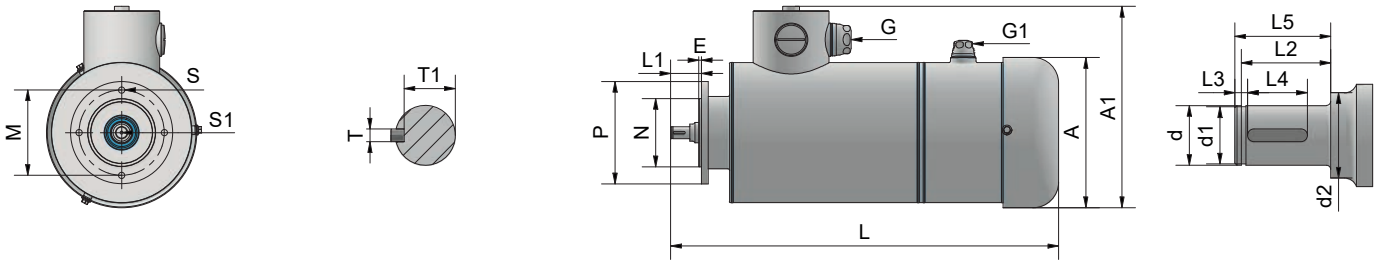


Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 802-2 B5T3 TEFC	1,1	*	156	213	M20x1.5	M16x1	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 90S-2 B5T3 TEFC	1,5	436																				
FP3ENSS 90L-2 B5T3 TEFC	2,2	460																				
FP3ENSS 90S-4 B5T3 TEFC	1,1	420	176	235	M25x1.5	M16x1	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3ENSS 90L-4 B5T3 TEFC	1,5	436																				
FP3ENSS 90L-6 B5T3 TEFC	1,1	486																				
FP3ENSS 100L-2 B5T3 TEFC	3,0	532																				
FP3ENSS 100L1-4 B5T3 TEFC	2,2	547																				
FP3ENSS 100L2-4 B5T3 TEFC	3,0	592	203	265,5	M25x1.5	M16x1	165	130	200	11	3,5	16	15,2	22	52	24	5	18	26	4	13,5	M6x1
FP3ENSS 100L1-6 B5T3 TEFC	1,5	572																				

* = DIMENSION ON REQUEST

Motor dimensions

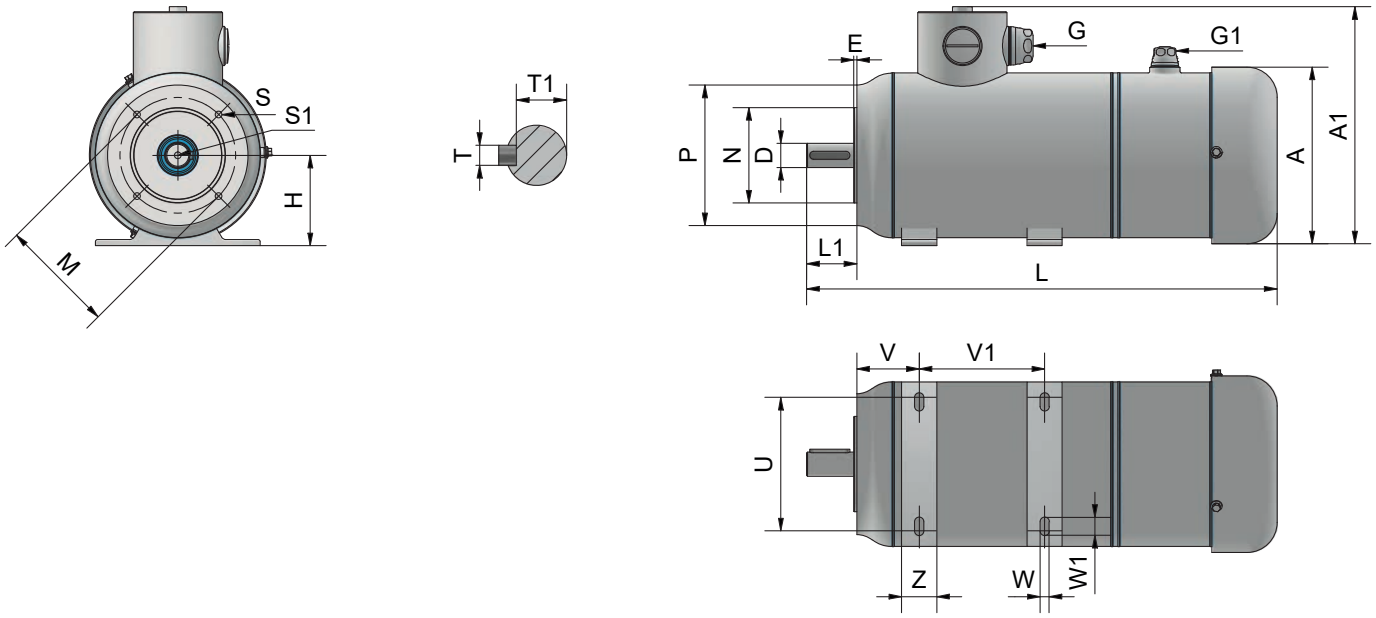
FP3ENSS B5T4 TEFC



Motor information		General					Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	G1	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP3ENSS 802-2 B5T4 TEFC	1,1	*	156	213	M20x1.5	M16x1	215	180	250	14	4	12	11,5	17	52,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP3ENSS 90S-2 B5T4 TEFC	1,5	*																				
FP3ENSS 90L-2 B5T4 TEFC	2,2	*																				
FP3ENSS 90S-4 B5T4 TEFC	1,1	*	176	235	M25x1.5	M16x1	215	180	250	14	4	14	13,4	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP3ENSS 90L-4 B5T4 TEFC	1,5	*																				
FP3ENSS 90L-6 B5T4 TEFC	1,1	*																				
FP3ENSS 100L-2 B5T4 TEFC	3,0	*																				
FP3ENSS 100L1-4 B5T4 TEFC	2,2	*																				
FP3ENSS 100L2-4 B5T4 TEFC	3,0	*	203	265,5	M25x1.5	M16x1	215	180	250	14	4	16	15,2	22	56	24	5	18	26	4	13,5	M6x1
FP3ENSS 100L1-6 B5T4 TEFC	1,5	*																				

* = DIMENSION ON REQUEST

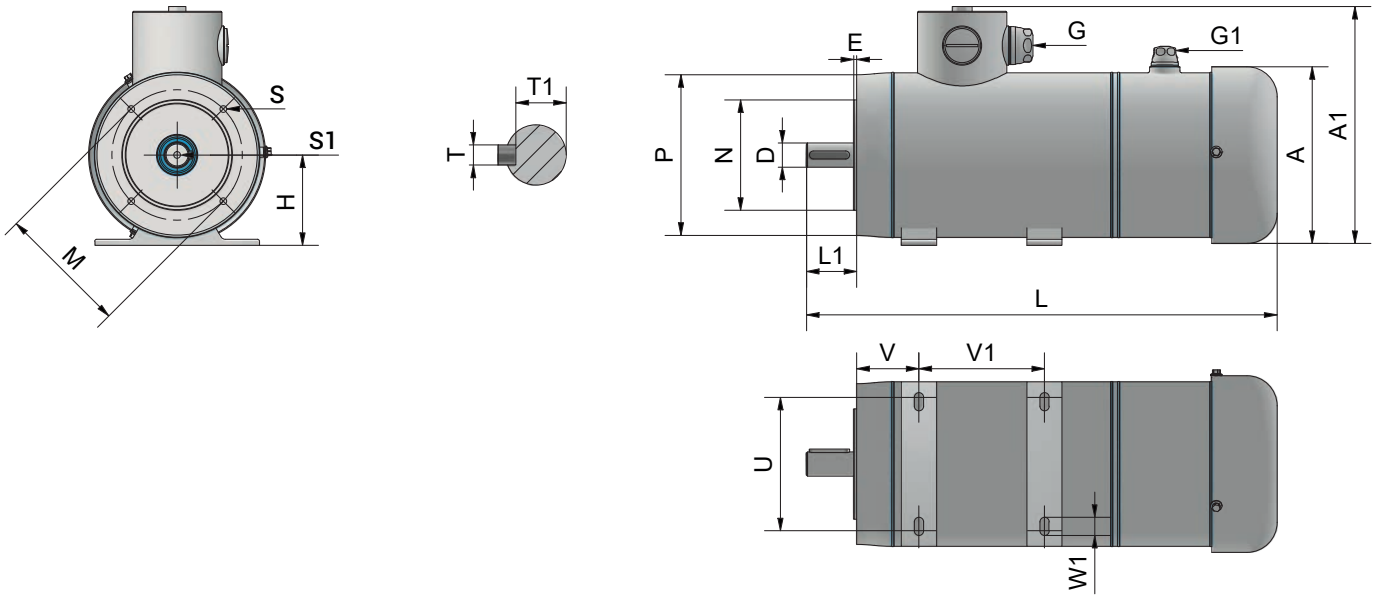
FPEN3SS B3 B14A TEFC



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B3 B14A TEFC	1,1	444	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP3ENSS 90S-2 B3 B14A TEFC	1,5	437							100														
FP3ENSS 90L-2 B3 B14A TEFC	2,2	461							125														
FP3ENSS 90S-4 B3 B14A TEFC	1,1	421	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8
FP3ENSS 90L-4 B3 B14A TEFC	1,5	437							125														
FP3ENSS 90L-6 B3 B14A TEFC	1,1	487							125														
FP3ENSS 100L-2 B3 B14A TEFC	3,0	524																					
FP3ENSS 100L1-4 B3 B14A TEFC	2,2	539																					
FP3ENSS 100L2-4 B3 B14A TEFC	3,0	584	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	130	110	160	M8	3,5	28	60	8	31	M10
FP3ENSS 100L1-6 B3 B14A TEFC	1,5	564																					

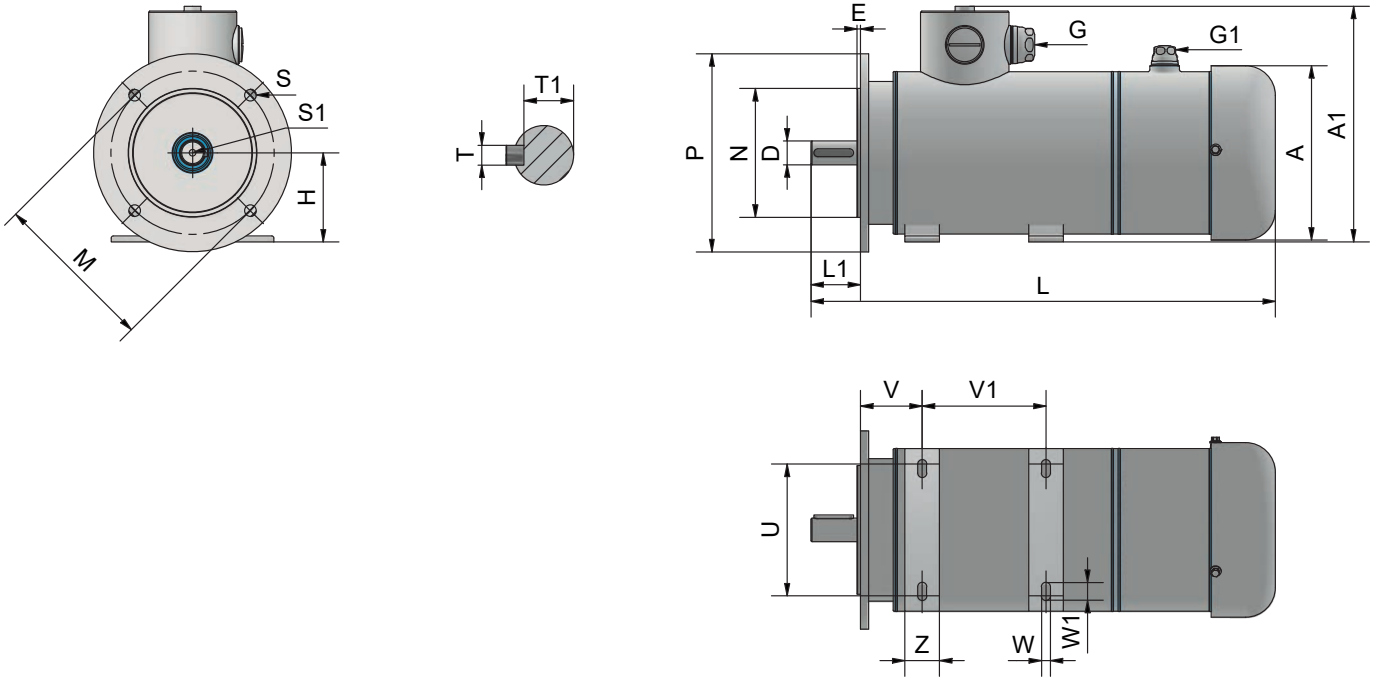
Motor dimensions

FP3ENSS B3 B14B TEFC



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B3 B14B TEFC	1,1	444	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP3ENSS 90S-2 B3 B14B TEFC	1,5	437							100														
FP3ENSS 90L-2 B3 B14B TEFC	2,2	461							125														
FP3ENSS 90S-4 B3 B14B TEFC	1,1	421	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8
FP3ENSS 90L-4 B3 B14B TEFC	1,5	437							125														
FP3ENSS 90L-6 B3 B14B TEFC	1,1	487							125														
FP3ENSS 100L-2 B3 B14B TEFC	3,0	524																					
FP3ENSS 100L1-4 B3 B14B TEFC	2,2	539																					
FP3ENSS 100L2-4 B3 B14B TEFC	3,0	584	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	165	130	200	M10	3,5	28	60	8	31	M10
FP3ENSS 100L1-6 B3 B14B TEFC	1,5	564																					

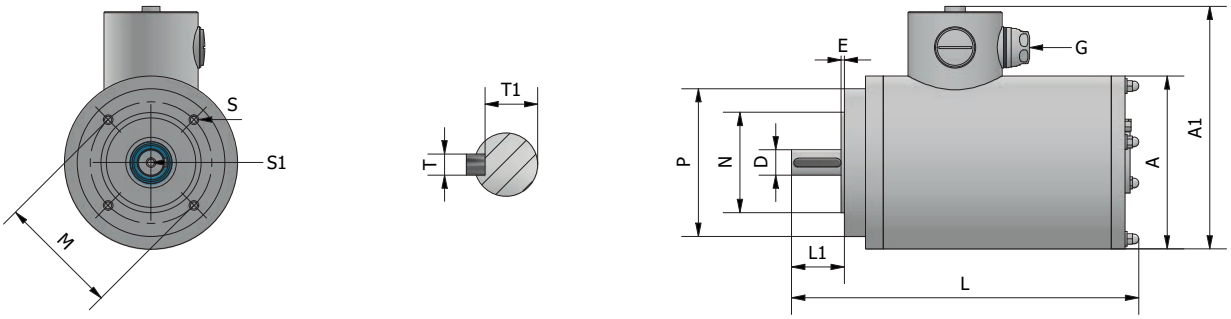
FP3ENSS B3 B5 TEFC



Motor information		General					Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	G1	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP3ENSS 802-2 B3 B5 TEFC	1,1	444	156	215	M20x1.5	M16x1	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP3ENSS 90S-2 B3 B5 TEFC	1,5	437	176	237	M25x1.5	M16x1	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8
FP3ENSS 90L-2 B3 B5 TEFC	2,2	461							125														
FP3ENSS 90S-4 B3 B5 TEFC	1,1	421							100														
FP3ENSS 90L-4 B3 B5 TEFC	1,5	437							125														
FP3ENSS 90L-6 B3 B5 TEFC	1,1	487							125														
FP3ENSS 100L-2 B3 B5 TEFC	3,0	524	203	264	M25x1.5	M16x1	100	63	140	160	12	16	30	215	180	250	15	4	28	60	8	31	M10
FP3ENSS 100L1-4 B3 B5 TEFC	2,2	539																					
FP3ENSS 100L2-4 B3 B5 TEFC	3,0	584																					
FP3ENSS 100L1-6 B3 B5 TEFC	1,5	564																					

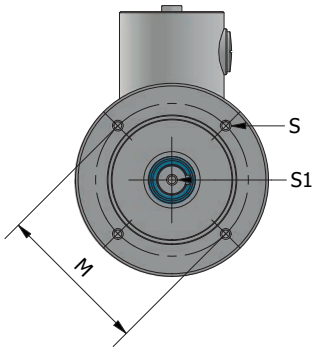
Motor dimensions

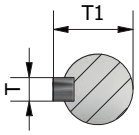
FP2SS B14A TENV

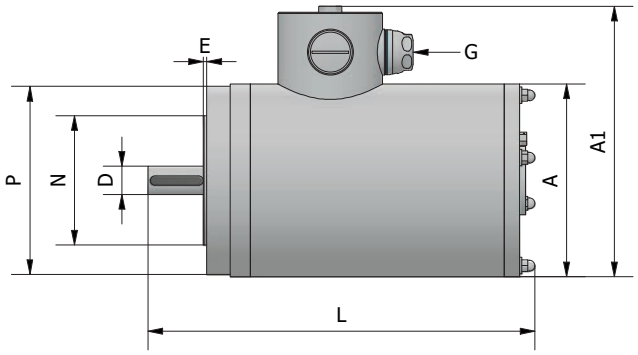


Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 561-2 B14A TENV	0,09	214	104	166	M20x1.5	65	50	80	M5	2,5	9	20	3	7,2	M3
FP2SS 562-2 B14A TENV	0,12	234													
FP2SS 561-4 B14A TENV	0,06	214													
FP2SS 562-4 B14A TENV	0,09	234													
FP2SS 631-2 B14A TENV	0,18	211	114	175	M20x1.5	75	60	90	M5	2,5	11	23	4	12,5	M4
FP2SS 632-2 B14A TENV	0,25	236													
FP2SS 631-4 B14A TENV	0,12	211													
FP2SS 632-4 B14A TENV	0,18	236													
FP2SS 711-2 B14A TENV	0,37	244	134	196	M20x1.5	85	70	105	M6	2,5	14	30	5	16	M5
FP2SS 712-2 B14A TENV	0,55	274													
FP2SS 711-4 B14A TENV	0,25	244													
FP2SS 712-4 B14A TENV	0,37	254													
FP2SS 711-6 B14A TENV	0,18	254													
FP2SS 712-6 B14A TENV	0,25	274													
FP2SS 801-2 B14A TENV	0,75	337	144	207	M20x1.5	100	80	120	M6	3	19	40	6	21,5	M6
FP2SS 801-4 B14A TENV	0,55	307													
FP2SS 802-4 B14A TENV	0,75	347													
FP2SS 801-6 B14A TENV	0,37	307													
FP2SS 802-6 B14A TENV	0,55	347													
FP2SS 90S-6 B14A TENV	0,75	395	164	229	M25x1.5	115	95	140	M8	3	24	50	8	27	M8

FP2SS B14B TENV



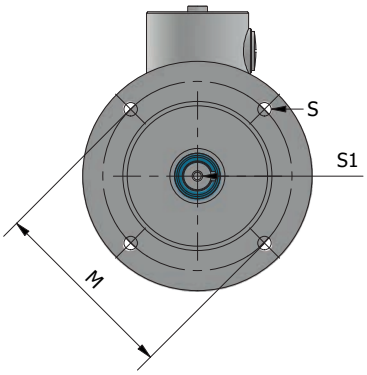


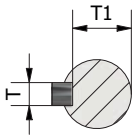


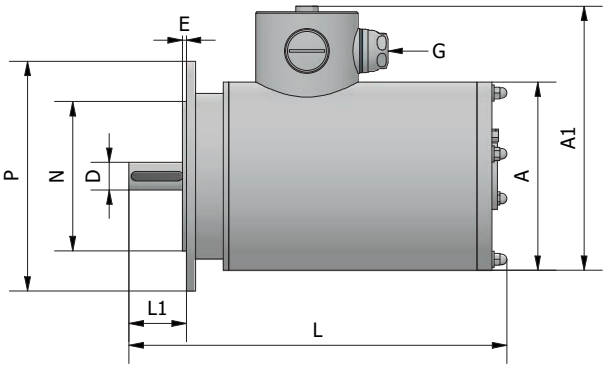
Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 631-2 B14B TENV	0,18	211	114	175	M20x1.5	100	80	120	M6	3	11	23	4	12,5	M4
FP2SS 632-2 B14B TENV	0,25	236													
FP2SS 631-4 B14B TENV	0,12	211													
FP2SS 632-4 B14B TENV	0,18	236													
FP2SS 711-2 B14B TENV	0,37	244	134	196	M20x1.5	115	95	140	M8	3	14	30	5	16	M5
FP2SS 712-2 B14B TENV	0,55	274													
FP2SS 711-4 B14B TENV	0,25	244													
FP2SS 712-4 B14B TENV	0,37	254													
FP2SS711-6 B14B TENV	0,18	254													
FP2SS 712-6 B14B TENV	0,25	274													
FP2SS 801-2 B14B TENV	0,75	337	144	207	M20x1.5	130	110	160	M8	3,5	19	40	6	21,5	M6
FP2SS 801-4 B14B TENV	0,55	307													
FP2SS 802-4 B14B TENV	0,75	347													
FP2SS 801-6 B14B TENV	0,37	307													
FP2SS 802-6 B14B TENV	0,55	347													
FP2SS 90S-6 B14B TENV	0,75	395	164	229	M25x1.5	130	110	160	M8	3,5	24	50	8	27	M8

Motor dimensions

FP2SS B5 TENV

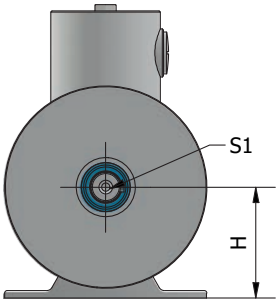


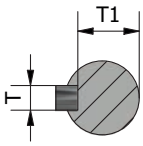


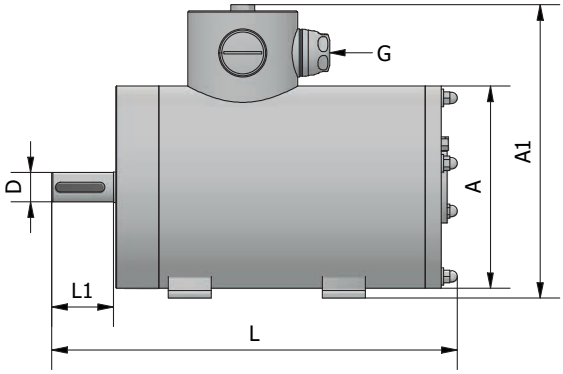


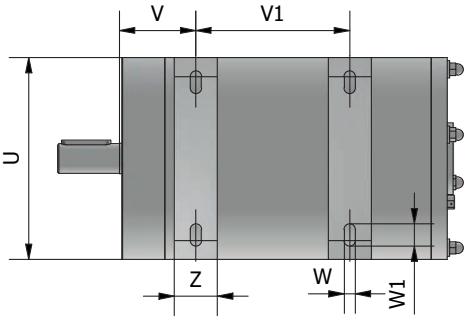
Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 631-2 B5 TENV	0,18	211	114	175	M20x1.5	115	95	140	10	2,5	11	23	4	12,5	M4
FP2SS 632-2 B5 TENV	0,25	236													
FP2SS 631-4 B5 TENV	0,12	211													
FP2SS 632-4 B5 TENV	0,18	236													
FP2SS 711-2 B5 TENV	0,37	244	134	196	M20x1.5	130	110	160	10	3,5	14	30	5	16	M5
FP2SS 712-2 B5 TENV	0,55	274													
FP2SS 711-4 B5 TENV	0,25	244													
FP2SS 712-4 B5 TENV	0,37	254													
FP2SS 711-6 B5 TENV	0,18	254													
FP2SS 712-6 B5 TENV	0,25	274													
FP2SS 801-2 B5 TENV	0,75	337	144	207	M20x1.5	165	130	200	12	3,5	19	40	6	21,5	M6
FP2SS 801-4 B5 TENV	0,55	307													
FP2SS 802-4 B5 TENV	0,75	347													
FP2SS 801-6 B5 TENV	0,37	307													
FP2SS 802-6 B5 TENV	0,55	347													
FP2SS 90S-6 B5 TENV	0,75	395	164	229	M25x1.5	165	130	200	12	3,5	24	50	8	27	M8

FP2SS B3 TENV





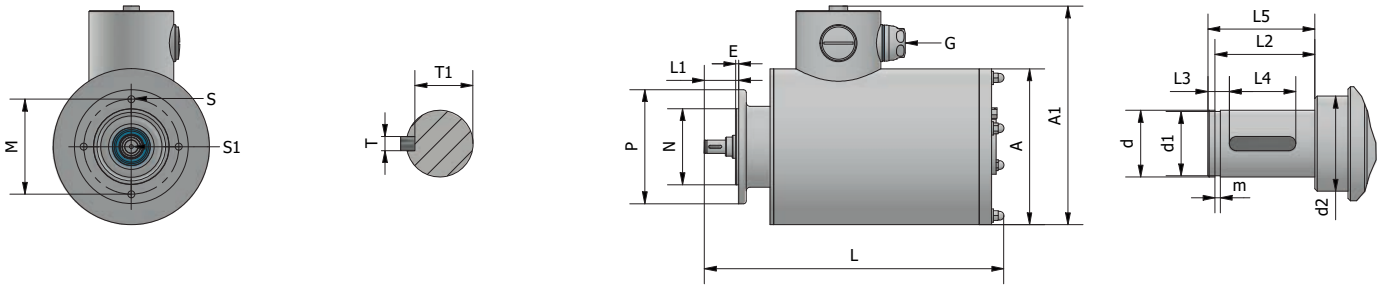




Motor information		General				Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP2SS 631-2 B3 TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	11	23	4	12,5	M4
FP2SS 632-2 B3 TENV	0,25	236															
FP2SS 631-4 B3 TENV	0,12	211															
FP2SS 632-4 B3 TENV	0,18	236															
FP2SS 711-2 B3 TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	14	30	5	16	M5
FP2SS 712-2 B3 TENV	0,55	274															
FP2SS 711-4 B3 TENV	0,25	244															
FP2SS 712-4 B3 TENV	0,37	254															
FP2SS 711-6 B3 TENV	0,18	254															
FP2SS 712-6 B3 TENV	0,25	274															
FP2SS 801-2 B3 TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP2SS 801-4 B3 TENV	0,55	307															
FP2SS 802-4 B3 TENV	0,75	347															
FP2SS 801-6 B3 TENV	0,37	307															
FP2SS 802-6 B3 TENV	0,55	347															
FP2SS 90S-6 B3 TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	24	50	8	27	M8

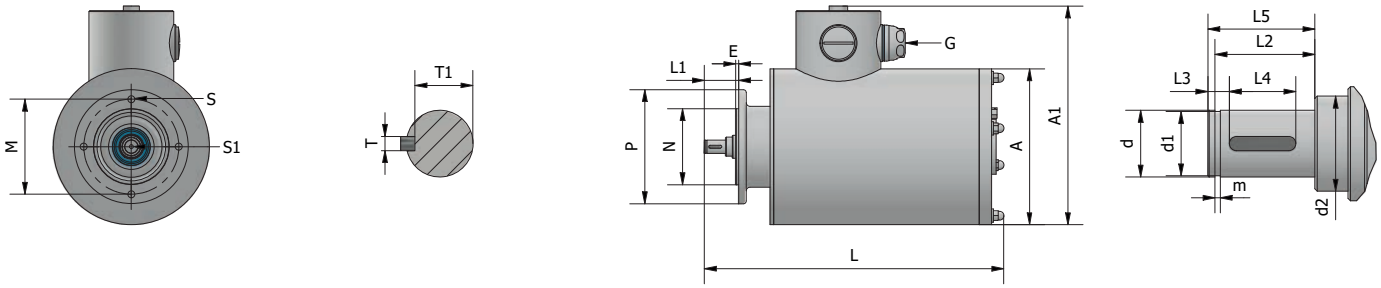
Motor dimensions

FP2SS B5T1 TENV



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 631-2 B5T1 TENV	0,18	242	114	175	M20x1.5	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 632-2 B5T1 TENV	0,25	267																			
FP2SS 631-4 B5T1 TENV	0,12	242																			
FP2SS 632-4 B5T1 TENV	0,18	267																			
FP2SS 711-2 B5T1 TENV	0,37	263	134	196	M20x1.5	100	80	120	6,6	3	10	9,6	14	36	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 712-2 B5T1 TENV	0,55	293																			
FP2SS 711-4 B5T1 TENV	0,25	263																			
FP2SS 712-4 B5T1 TENV	0,37	273																			
FP2SS711-6 B5T1 TENV	0,18	273																			
FP2SS 712-6 B5T1 TENV	0,25	293																			
FP2SS 801-2 B5T1 TENV	0,75	344	144	207	M20x1.5	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 801-4 B5T1 TENV	0,55	314																			
FP2SS 802-4 B5T1 TENV	0,75	354																			
FP2SS 801-6 B5T1 TENV	0,37	314																			
FP2SS 802-6 B5T1 TENV	0,55	354																			
FP2SS 90S-6 B5T1 TENV	0,75	381	164	229	M25x1.5	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7

FP2SS B5T2 TENV

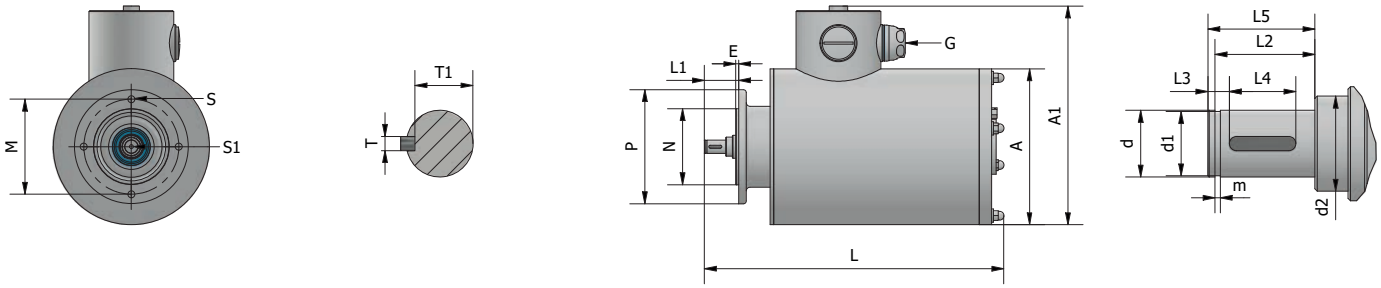


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 631-2 B5T2 TENV	0,18	*	114	175	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 632-2 B5T2 TENV	0,25	*																			
FP2SS 631-4 B5T2 TENV	0,12	*																			
FP2SS 632-4 B5T2 TENV	0,18	*																			
FP2SS 711-2 B5T2 TENV	0,37	262	134	196	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 712-2 B5T2 TENV	0,55	292																			
FP2SS 711-4 B5T2 TENV	0,25	262																			
FP2SS 712-4 B5T2 TENV	0,37	272																			
FP2SS711-6 B5T2 TENV	0,18	272																			
FP2SS 712-6 B5T2 TENV	0,25	292																			
FP2SS 801-2 B5T2 TENV	0,75	343	144	207	M20x1.5	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 801-4 B5T2 TENV	0,55	313																			
FP2SS 802-4 B5T2 TENV	0,75	353																			
FP2SS 801-6 B5T2 TENV	0,37	313																			
FP2SS 802-6 B5T2 TENV	0,55	353																			
FP2SS 90S-6 B5T2 TENV	0,75	387	164	229	M25x1.5	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

Motor dimensions

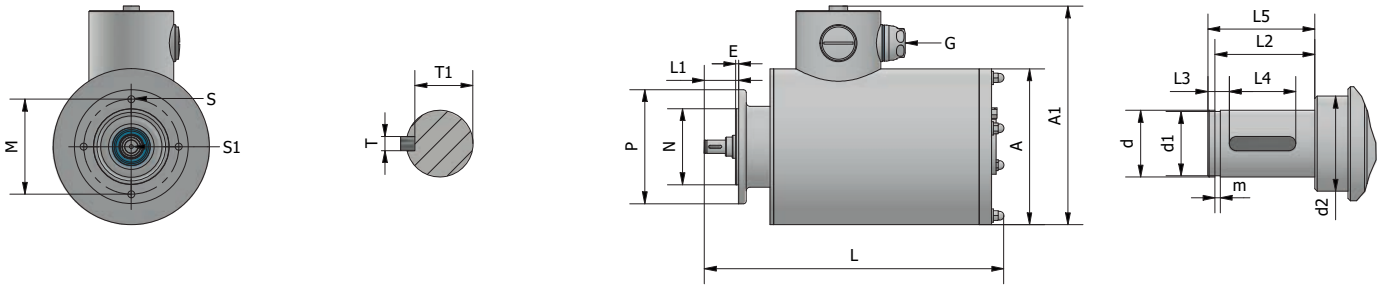
FP2SS B5T3 TENV



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 711-2 B5T3 TENV	0,37	*	134	196	M20x1.5	165	130	200	11	3,5	10	9,6	14	47,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 712-2 B5T3 TENV	0,55	*																			
FP2SS 711-4 B5T3 TENV	0,25	*																			
FP2SS 712-4 B5T3 TENV	0,37	*																			
FP2SS711-6 B5T3 TENV	0,18	*																			
FP2SS 712-6 B5T3 TENV	0,25	*																			
FP2SS 801-2 B5T3 TENV	0,75	*	144	207	M20x1.5	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 801-4 B5T3 TENV	0,55	*																			
FP2SS 802-4 B5T3 TENV	0,75	*																			
FP2SS 801-6 B5T3 TENV	0,37	*																			
FP2SS 802-6 B5T3 TENV	0,55	*																			
FP2SS 90S-6 B5T3 TENV	0,75	395	164	229	M25x1.5	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

FP2SS B5T4 TENV

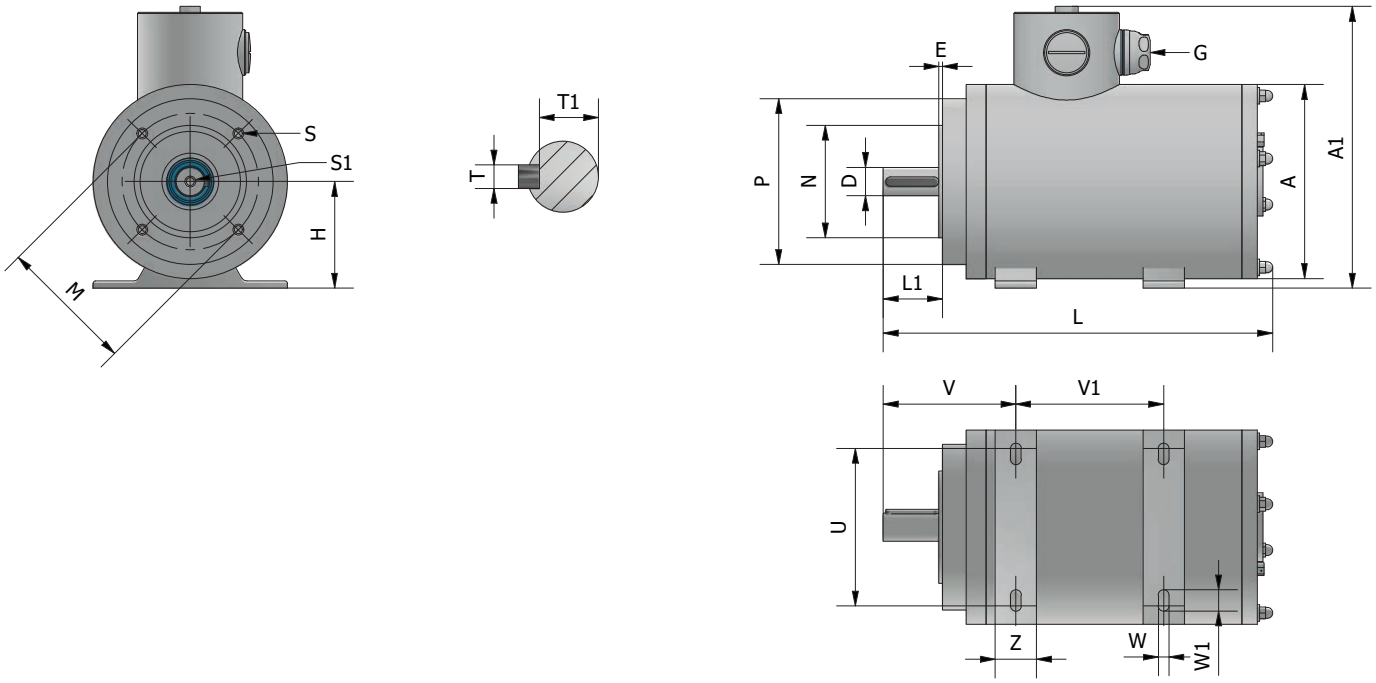


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 631-2 B5T2 TENV	0,18	*	114	175	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 632-2 B5T2 TENV	0,25	*																			
FP2SS 631-4 B5T2 TENV	0,12	*																			
FP2SS 632-4 B5T2 TENV	0,18	*																			
FP2SS 711-2 B5T2 TENV	0,37	262	134	196	M20x1.5	130	110	160	9	3,5	10	9,6	14	41,5	17	3,5	12	18,5	2	8,8	M3x0,5
FP2SS 712-2 B5T2 TENV	0,55	292																			
FP2SS 711-4 B5T2 TENV	0,25	262																			
FP2SS 712-4 B5T2 TENV	0,37	272																			
FP2SS711-6 B5T2 TENV	0,18	272																			
FP2SS 712-6 B5T2 TENV	0,25	292																			
FP2SS 801-2 B5T2 TENV	0,75	343	144	207	M20x1.5	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 801-4 B5T2 TENV	0,55	313																			
FP2SS 802-4 B5T2 TENV	0,75	353																			
FP2SS 801-6 B5T2 TENV	0,37	313																			
FP2SS 802-6 B5T2 TENV	0,55	353																			
FP2SS 90S-6 B5T2 TENV	0,75	387	164	229	M25x1.5	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7

* = DIMENSION ON REQUEST

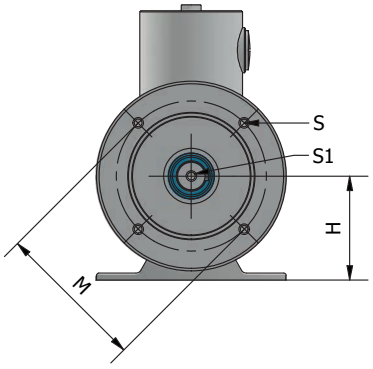
Motor dimensions

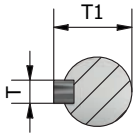
FP2SS B3 B14A TENV

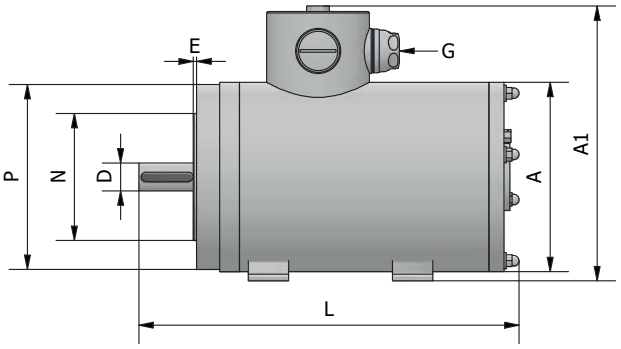


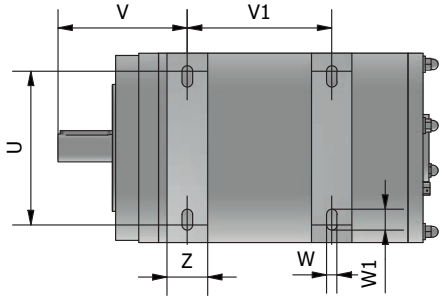
Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 631-2 B3 B14A TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	75	60	90	M5	2,5	11	23	4	12,5	M4
FP2SS 632-2 B3 B14A TENV	0,25	236																				
FP2SS 631-4 B3 B14A TENV	0,12	211																				
FP2SS 632-4 B3 B14A TENV	0,18	236																				
FP2SS 711-2 B3 B14A TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	85	70	105	M6	2,5	14	30	5	16	M5
FP2SS 712-2 B3 B14A TENV	0,55	274																				
FP2SS 711-4 B3 B14A TENV	0,25	244																				
FP2SS 712-4 B3 B14A TENV	0,37	254																				
FP2SS711-6 B3 B14A TENV	0,18	254																				
FP2SS 712-6 B3 B14A TENV	0,25	274																				
FP2SS 801-2 B3 B14A TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP2SS 801-4 B3 B14A TENV	0,55	307																				
FP2SS 802-4 B3 B14A TENV	0,75	347																				
FP2SS 801-6 B3 B14A TENV	0,37	307																				
FP2SS 802-6 B3 B14A TENV	0,55	347																				
FP2SS 90S-6 B3 B14A TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8

FP2SS B3 B14B TENV





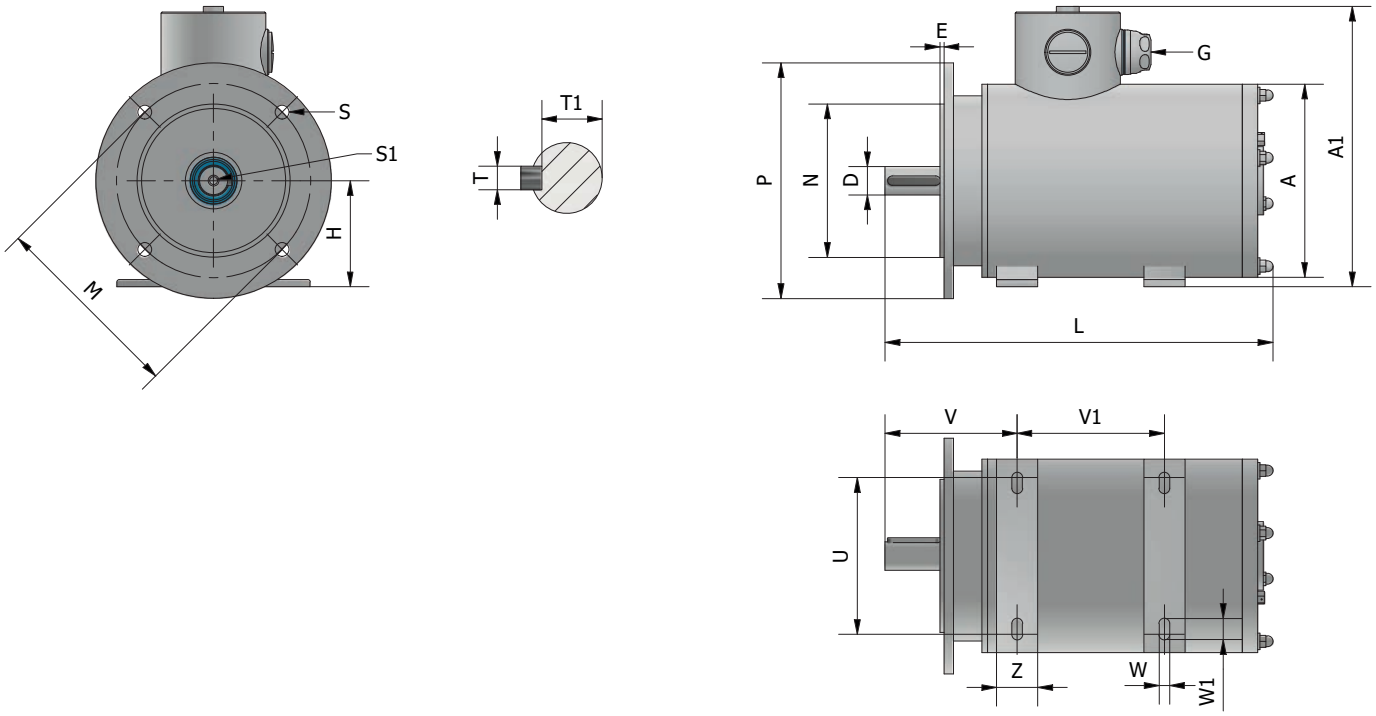




Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 631-2 B3 B14B TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	100	80	120	M6	3	11	23	4	12,5	M4
FP2SS 632-2 B3 B14B TENV	0,25	236																				
FP2SS 631-4 B3 B14B TENV	0,12	211																				
FP2SS 632-4 B3 B14B TENV	0,18	236																				
FP2SS 711-2 B3 B14B TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	115	95	140	M8	3	14	30	5	16	M5
FP2SS 712-2 B3 B14B TENV	0,55	274																				
FP2SS 711-4 B3 B14B TENV	0,25	244																				
FP2SS 712-4 B3 B14B TENV	0,37	254																				
FP2SS711-6 B3 B14B TENV	0,18	254																				
FP2SS 712-6 B3 B14B TENV	0,25	274																				
FP2SS 801-2 B3 B14B TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP2SS 801-4 B3 B14B TENV	0,55	307																				
FP2SS 802-4 B3 B14B TENV	0,75	347																				
FP2SS 801-6 B3 B14B TENV	0,37	307																				
FP2SS 802-6 B3 B14B TENV	0,55	347																				
FP2SS 90S-6 B3 B14B TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8

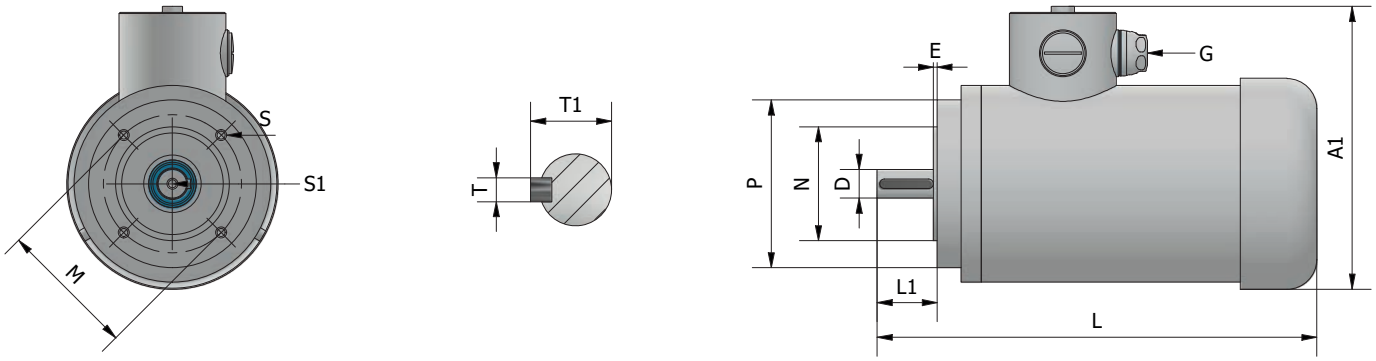
Motor dimensions

FP2SS B3 B5 TENV



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 631-2 B3 B5 TENV	0,18	211	114	180	M20x1.5	63	40	80	100	7	10	25	115	95	140	10	2,5	11	23	4	12,5	M4
FP2SS 632-2 B3 B5 TENV	0,25	236																				
FP2SS 631-4 B3 B5 TENV	0,12	211																				
FP2SS 632-4 B3 B5 TENV	0,18	236																				
FP2SS 711-2 B3 B5 TENV	0,37	244	134	200	M20x1.5	71	45	90	112	7	10	25	130	110	160	10	3,5	14	30	5	16	M5
FP2SS 712-2 B3 B5 TENV	0,55	274																				
FP2SS 711-4 B3 B5 TENV	0,25	244																				
FP2SS 712-4 B3 B5 TENV	0,37	254																				
FP2SS711-6 B3 B5 TENV	0,18	254																				
FP2SS 712-6 B3 B5 TENV	0,25	274																				
FP2SS 801-2 B3 B5 TENV	0,75	337	144	215	M20x1.5	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP2SS 801-4 B3 B5 TENV	0,55	307																				
FP2SS 802-4 B3 B5 TENV	0,75	347																				
FP2SS 801-6 B3 B5 TENV	0,37	307																				
FP2SS 802-6 B3 B5 TENV	0,55	347																				
FP2SS 90S-6 B3 B5 TENV	0,75	395	164	237	M25x1.5	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8

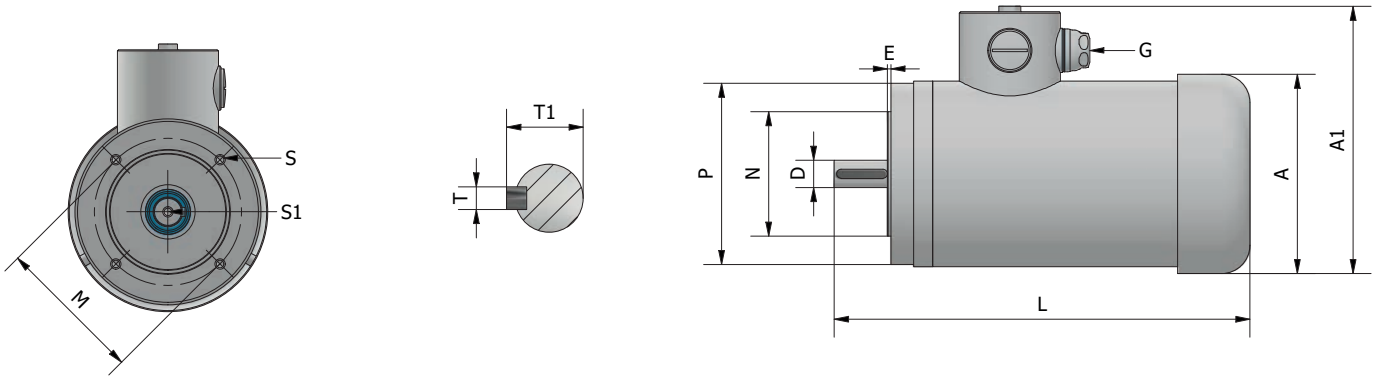
FP2SS B14A TEFC



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B14A TEFC	1,1	365	156	213	M20x1.5	100	80	120	M6	3	19	40	6	21,5	M6
FP2SS 90S-2 B14A TEFC	1,5	368	176	235	M25x1.5	115	95	140	M8	3	24	50	8	27	M8
FP2SS 90L-2 B14A TEFC	2,2	392													
FP2SS 90S-4 B14A TEFC	1,1	352													
FP2SS 90L-4 B14A TEFC	1,5	368													
FP2SS 90L-6 B14A TEFC	1,1	418													
FP2SS 100L-2 B14A TEFC	3,0	450	203	265,5	M25x1.5	130	110	160	M8	3,5	28	60	8	31	M10
FP2SS 100L1-4 B14A TEFC	2,2	465													
FP2SS 100L2-4 B14A TEFC	3,0	510													
FP2SS 100L1-6 B14A TEFC	1,5	490													
FP2SS 112M-2 B14A TEFC	4,0	488	218	283	M25x1.5	130	110	160	M8	3,5	28	60	8	31	M10
FP2SS 112M-4 B14A TEFC	4,0	488													
FP2SS 112M-6 B14A TEFC	2,2	458													
FP2SS 132S1-2 B14A TEFC	5,5	511	256	320	M25x1.5	165	130	200	M10	3,5	38	80	10	41	M12
FP2SS 132S2-2 B14A TEFC	7,5	511													
FP2SS 132S-4 B14A TEFC	5,5	516													
FP2SS 132M-4 B14A TEFC	7,5	536													
FP2SS 132S-6 B14A TEFC	3	511													
FP2SS 160M1-2 B14A TEFC	11	715	311	385,5	M32x1.5	215	180	250	M12	5	42	110	12	45	M16
FP2SS 160M2-2 B14A TEFC	15	715													
FP2SS 160L-2 B14A TEFC	18,5	755													
FP2SS 160M-4 B14A TEFC	11	715													
FP2SS 160L-4 B14A TEFC	15	755													

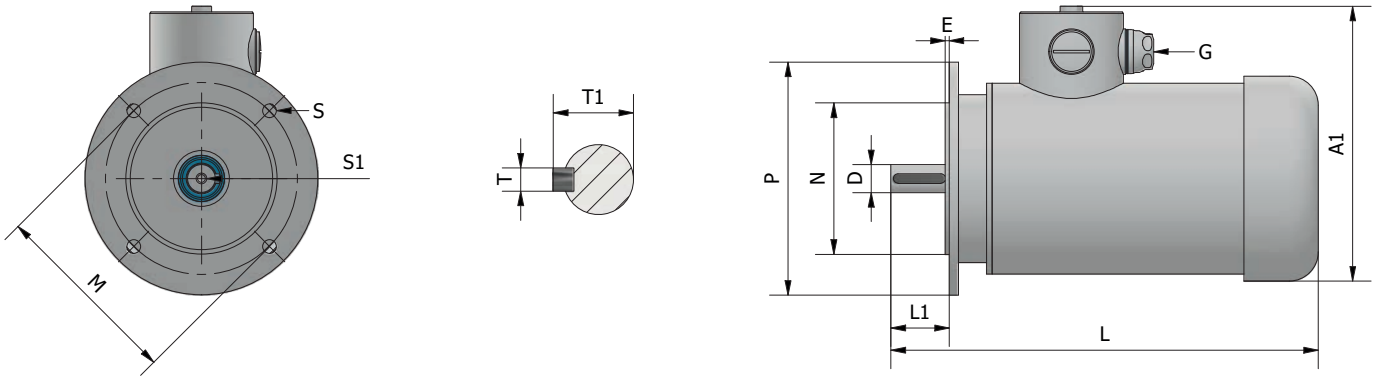
Motor dimensions

FP2SS B14B TEFC



Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B14B TEFC	1,1	365	156	213	M20x1.5	130	110	160	M8	3,5	19	40	6	21,5	M6
FP2SS 90S-2 B14B TEFC	1,5	368	176	235	M25x1.5	130	110	160	M8	3,5	24	50	8	27	M8
FP2SS 90L-2 B14B TEFC	2,2	392													
FP2SS 90S-4 B14B TEFC	1,1	352													
FP2SS 90L-4 B14B TEFC	1,5	368													
FP2SS 90L-6 B14B TEFC	1,1	418													
FP2SS 100L-2 B14B TEFC	3,0	450	203	265,5	M25x1.5	165	130	200	M10	3,5	28	60	8	31	M10
FP2SS 100L1-4 B14B TEFC	2,2	465													
FP2SS 100L2-4 B14B TEFC	3,0	510													
FP2SS 100L1-6 B14B TEFC	1,5	490													
FP2SS 112M-2 B14B TEFC	4,0	488	218	283	M25x1.5	165	130	200	M10	3,5	28	60	8	31	M10
FP2SS 112M-4 B14B TEFC	4,0	488													
FP2SS 112M-6 B14B TEFC	2,2	458													

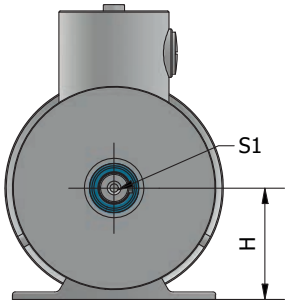
FP2SS B5 TEFC

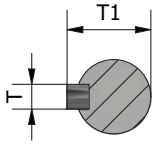


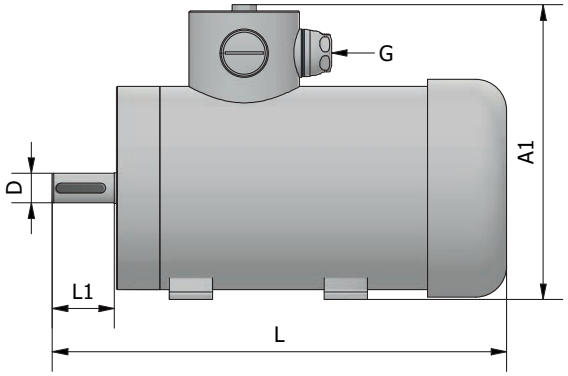
Motor information		General				Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B5 TEFC	1,1	365	156	213	M20x1.5	165	130	200	12	3,5	19	40	6	21,5	M6
FP2SS 90S-2 B5 TEFC	1,5	368	176	235	M25x1.5	165	130	200	12	3,5	24	50	8	27	M8
FP2SS 90L-2 B5 TEFC	2,2	392													
FP2SS 90S-4 B5 TEFC	1,1	352													
FP2SS 90L-4 B5 TEFC	1,5	368													
FP2SS 90L-6 B5 TEFC	1,1	418													
FP2SS 100L-2 B5 TEFC	3,0	450	203	265,5	M25x1.5	215	180	250	15	4	28	60	8	31	M10
FP2SS 100L1-4 B5 TEFC	2,2	465													
FP2SS 100L2-4 B5 TEFC	3,0	510													
FP2SS 100L1-6 B5 TEFC	1,5	490													
FP2SS 112M-2 B5 TEFC	4,0	488	218	283	M25x1.5	215	180	250	15	4	28	60	8	31	M10
FP2SS 112M-4 B5 TEFC	4,0	488													
FP2SS 112M-6 B5 TEFC	2,2	458													
FP2SS 132S1-2 B5 TEFC	5,5	511	256	320	M25x1.5	265	230	300	15	4	38	80	10	41	M12
FP2SS 132S2-2 B5 TEFC	7,5	511													
FP2SS 132S-4 B5 TEFC	5,5	516													
FP2SS 132M-4 B5 TEFC	7,5	536													
FP2SS 132S-6 B5 TEFC	3	511													
FP2SS 160M1-2 B5 TEFC	11	715	311	385,5	M32x1.5	300	250	350	19	5	42	110	12	45	M16
FP2SS 160M2-2 B5 TEFC	15	715													
FP2SS 160L-2 B5 TEFC	18,5	755													
FP2SS 160M-4 B5 TEFC	11	715													
FP2SS 160L-4 B5 TEFC	15	755													

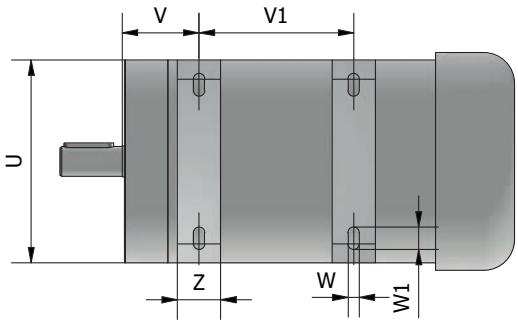
Motor dimensions

FP2SS B3 TEFC



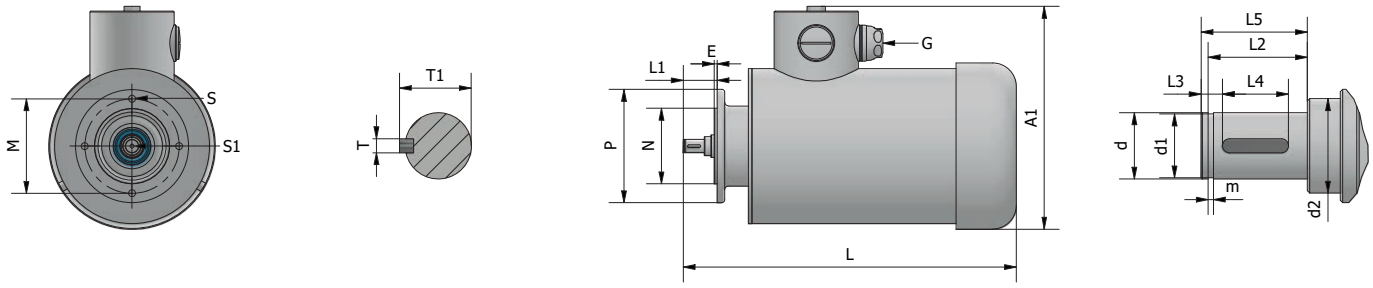






Motor information		General				Foot							Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	D	L1	T	T1	S1
FP2SS 802-2 B3 TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	19	40	6	21,5	M6
FP2SS 90S-2 B3 TEFC	1,5	368	176	237	M25x1.5	90	56	100	140	10	14	25	24	50	8	27	M8
FP2SS 90L-2 B3 TEFC	2,2	392						125									
FP2SS 90S-4 B3 TEFC	1,1	352						100									
FP2SS 90L-4 B3 TEFC	1,5	368						125									
FP2SS 90L-6 B3 TEFC	1,1	418						125									
FP2SS 100L-2 B3 TEFC	3,0	450	203	264	M25x1.5	100	63	140	160	12	16	30	28	60	8	31	M10
FP2SS 100L1-4 B3 TEFC	2,2	465															
FP2SS 100L2-4 B3 TEFC	3,0	510															
FP2SS 100L1-6 B3 TEFC	1,5	490															
FP2SS 112M-2 B3 TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	28	60	8	31	M10
FP2SS 112M-4 B3 TEFC	4,0	488															
FP2SS 112M-6 B3 TEFC	2,2	458															
FP2SS 132S1-2 B3 TEFC	5,5	511	256	324	M25x1.5	132	89	140	216	12	16	40	38	80	10	41	M12
FP2SS 132S2-2 B3 TEFC	7,5	511						140									
FP2SS 132S-4 B3 TEFC	5,5	516						140									
FP2SS 132M-4 B3 TEFC	7,5	536						178									
FP2SS 132S-6 B3 TEFC	3	511						140									
FP2SS 160M1-2 B3 TEFC	11	715	311	390	M32x1.5	160	108	210	254	14,5	18,5	50	42	110	12	45	M16
FP2SS 160M2-2 B3 TEFC	15	715						210									
FP2SS 160L-2 B3 TEFC	18,5	755						254									
FP2SS 160M-4 B3 TEFC	11	715						210									
FP2SS 160L-4 B3 TEFC	15	755						254									

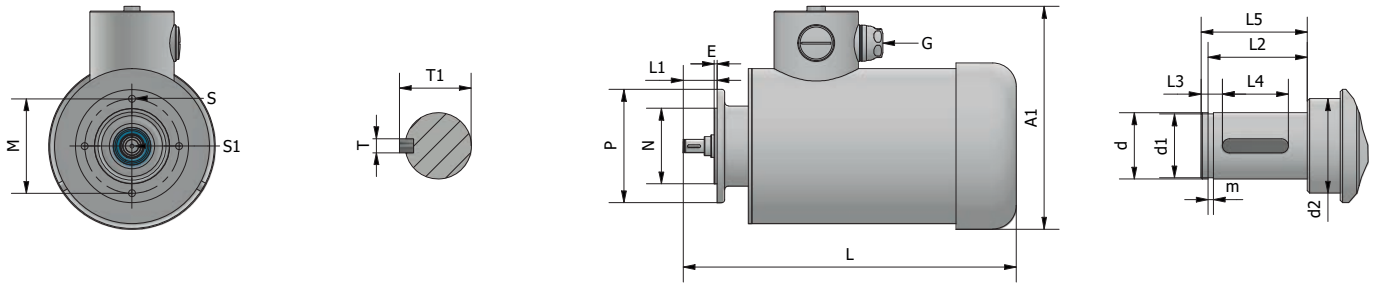
FP2SS B5T1 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 802-2 B5T1 TEFC	1,1	372	156	213	M20x1.5	100	80	120	6,6	3	12	11,5	17	36	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 90S-2 B5T1 TEFC	1,5	354																			
FP2SS 90L-2 B5T1 TEFC	2,2	378																			
FP2SS 90S-4 B5T1 TEFC	1,1	338	176	235	M25x1.5	100	80	120	6,6	3	14	13,4	20	36	21	5,5	14	22,5	3	12,2	M4x0,7
FP2SS 90L-4 B5T1 TEFC	1,5	354																			
FP2SS 90L-6 B5T1 TEFC	1,1	404																			

Motor dimensions

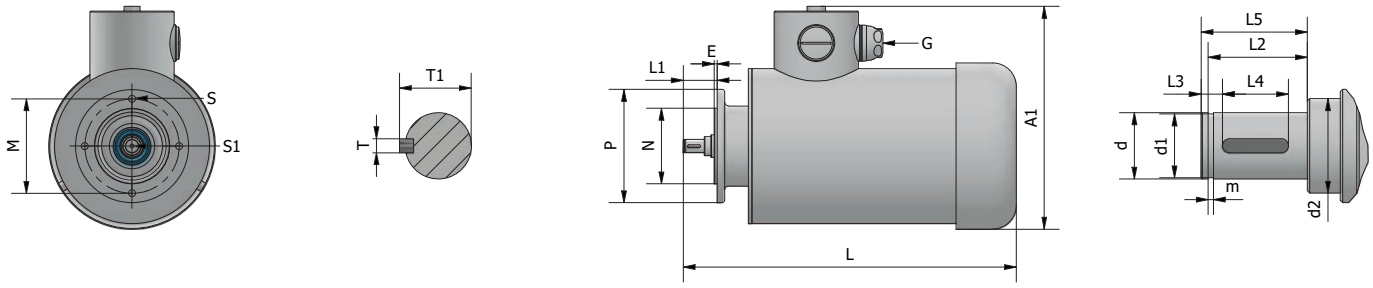
FP2SS B5T2 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 802-2 B5T2 TEFC	1,1	371	156	213	M20x1.5	130	110	160	9	3,5	12	11,5	17	41,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 90S-2 B5T2 TEFC	1,5	360	176	235	M25x1.5	130	110	160	9	3,5	14	13,4	20	41,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP2SS 90L-2 B5T2 TEFC	2,2	384																			
FP2SS 90S-4 B5T2 TEFC	1,1	344																			
FP2SS 90L-4 B5T2 TEFC	1,5	360																			
FP2SS 90L-6 B5T2 TEFC	1,1	410																			
FP2SS 100L-2 B5T2 TEFC	3,0	448	203	265,5	M25x1.5	130	110	160	9	3,5	16	15,2	22	44	24	5	18	26	4	13,5	M6x1
FP2SS 100L1-4 B5T2 TEFC	2,2	463																			
FP2SS 100L2-4 B5T2 TEFC	3,0	508																			
FP2SS 100L1-6 B5T2 TEFC	1,5	488																			
FP2SS 112M-2 B5T2 TEFC	4,0	*	218	283	M25x1.5	130	110	160	9	3,5	18	17	25	44	27,2	5	20	29	4	15,5	M6x1
FP2SS 112M-4 B5T2 TEFC	4,0	*																			
FP2SS 112M-6 B5T2 TEFC	2,2	*																			
FP3SS 132S1-2 B5T3 TEFC	5,5	*	256	320	M25x1.5	130	110	160	9	3,5	22	21	30	44	34,2	6	25	36	5	18,5	M8x1,5
FP3SS 132S2-2 B5T3 TEFC	7,5	*																			
FP3SS 132S-4 B5T3 TEFC	5,5	*																			
FP3SS 132M-4 B5T3 TEFC	7,5	*																			
FP3SS 132S-6 B5T3 TEFC	3	*																			

* = DIMENSION ON REQUEST

FP2SS B5T3 TEFC

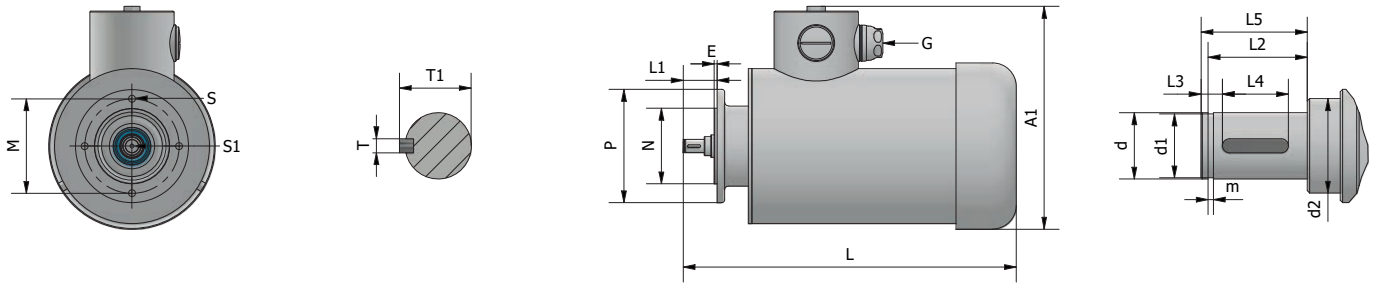


Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 802-2 B5T3 TEFC	1,1	*	156	213	M20x1.5	165	130	200	11	3,5	12	11,5	17	47,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 90S-2 B5T3 TEFC	1,5	368	176	235	M25x1.5	165	130	200	11	3,5	14	13,4	20	49,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP2SS 90L-2 B5T3 TEFC	2,2	392																			
FP2SS 90S-4 B5T3 TEFC	1,1	352																			
FP2SS 90L-4 B5T3 TEFC	1,5	368																			
FP2SS 90L-6 B5T3 TEFC	1,1	418																			
FP2SS 100L-2 B5T3 TEFC	3,0	458	203	265,5	M25x1.5	165	130	200	11	3,5	16	15,2	22	52	24	5	18	26	4	13,5	M6x1
FP2SS 100L1-4 B5T3 TEFC	2,2	473																			
FP2SS 100L2-4 B5T3 TEFC	3,0	518																			
FP2SS 100L1-6 B5T3 TEFC	1,5	498																			
FP2SS 112M-2 B5T3 TEFC	4,0	*	218	283	M25x1.5	165	130	200	11	3,5	18	17	25	53	27,2	5	20	29	4	15,5	M6x1
FP2SS 112M-4 B5T3 TEFC	4,0	*																			
FP2SS 112M-6 B5T3 TEFC	2,2	*																			
FP2SS 132S1-2 B5T3 TEFC	5,5	507	256	320	M25x1.5	165	130	200	11	3,5	22	21	30	56	34,2	6	25	36	5	18,5	M8x1,5
FP2SS 132S2-2 B5T3 TEFC	7,5	507																			
FP2SS 132S-4 B5T3 TEFC	5,5	512																			
FP2SS 132M-4 B5T3 TEFC	7,5	532																			
FP2SS 132S-6 B5T3 TEFC	3	507																			

* = DIMENSION ON REQUEST

Motor dimensions

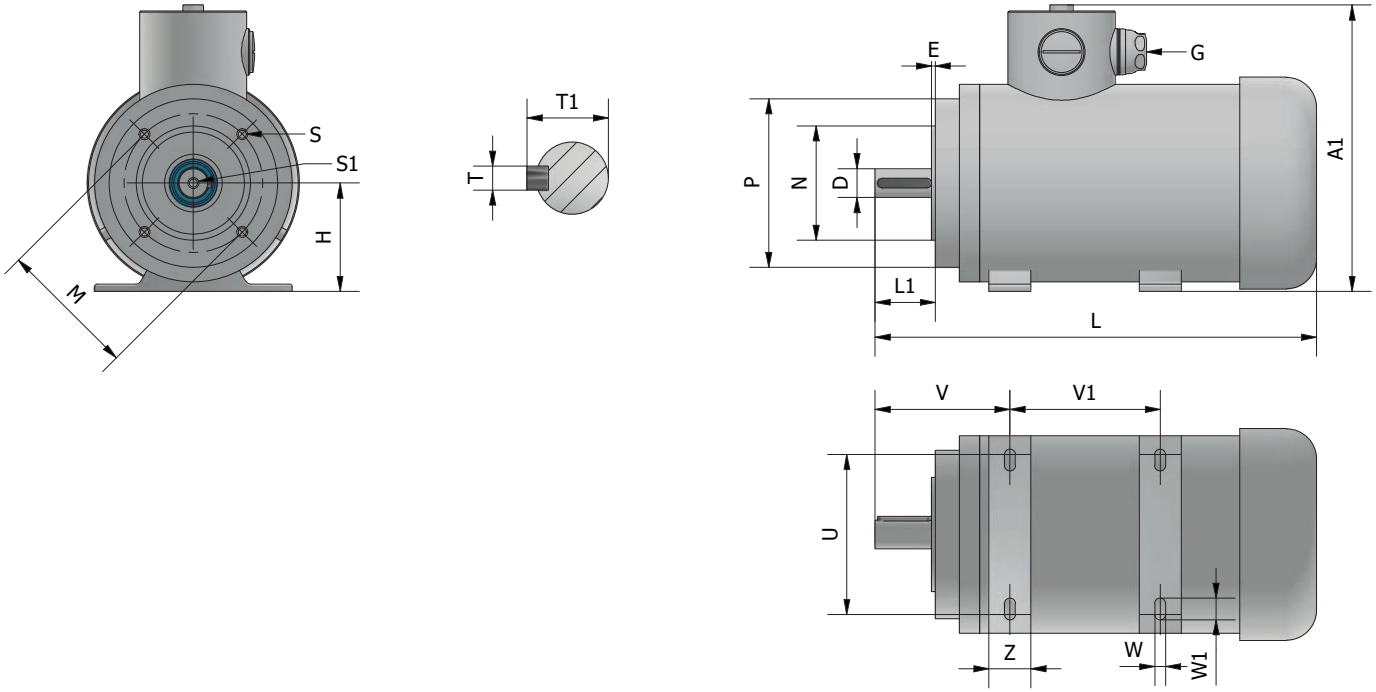
FP2SS B5T4 TEFC



Motor information		General				Flange					Shaft										
Motorname	Power (kW)	L	A	A1	G	M	N	P	S	E	D	D1	D2	L1	L2	L3	L4	L5	T	T1	S1
FP2SS 802-2 B5T4 TEFC	1,1	*	156	213	M20x1.5	215	180	250	14	4	12	11,5	17	52,5	19	3,5	14	20,5	3	10,2	M4x0,7
FP2SS 90S-2 B5T4 TEFC	1,5	*	176	235	M25x1.5	215	180	250	14	4	14	13,4	20	53,5	21	5,5	14	22,5	3	12,2	M4x0,7
FP2SS 90L-2 B5T4 TEFC	2,2	*																			
FP2SS 90S-4 B5T4 TEFC	1,1	*																			
FP2SS 90L-4 B5T4 TEFC	1,5	*																			
FP2SS 90L-6 B5T4 TEFC	1,1	*																			
FP2SS 100L-2 B5T4 TEFC	3,0	*	203	265,5	M25x1.5	215	180	250	14	4	16	15,2	22	56	24	5	18	26	4	13,5	M6x1
FP2SS 100L1-4 B5T4 TEFC	2,2	*																			
FP2SS 100L2-4 B5T4 TEFC	3,0	*																			
FP2SS 100L1-6 B5T4 TEFC	1,5	*																			
FP2SS 112M-2 B5T4 TEFC	4,0	*	218	283	M25x1.5	215	180	250	14	4	18	17	25	58	27,2	5	20	29	4	15,5	M6x1
FP2SS 112M-4 B5T4 TEFC	4,0	*																			
FP2SS 112M-6 B5T4 TEFC	2,2	*																			
FP2SS 132S1-2 B5T4 TEFC	5,5	*	256	320	M25x1.5	215	180	250	14	4	22	21	30	61	34,2	6	25	36	5	18,5	M8x1,5
FP2SS 132S2-2 B5T4 TEFC	7,5	*																			
FP2SS 132S-4 B5T4 TEFC	5,5	*																			
FP2SS 132M-4 B5T4 TEFC	7,5	*																			
FP2SS 132S-6 B5T4 TEFC	3	*																			

* = DIMENSION ON REQUEST

FP2SS B3 B14A TEFC

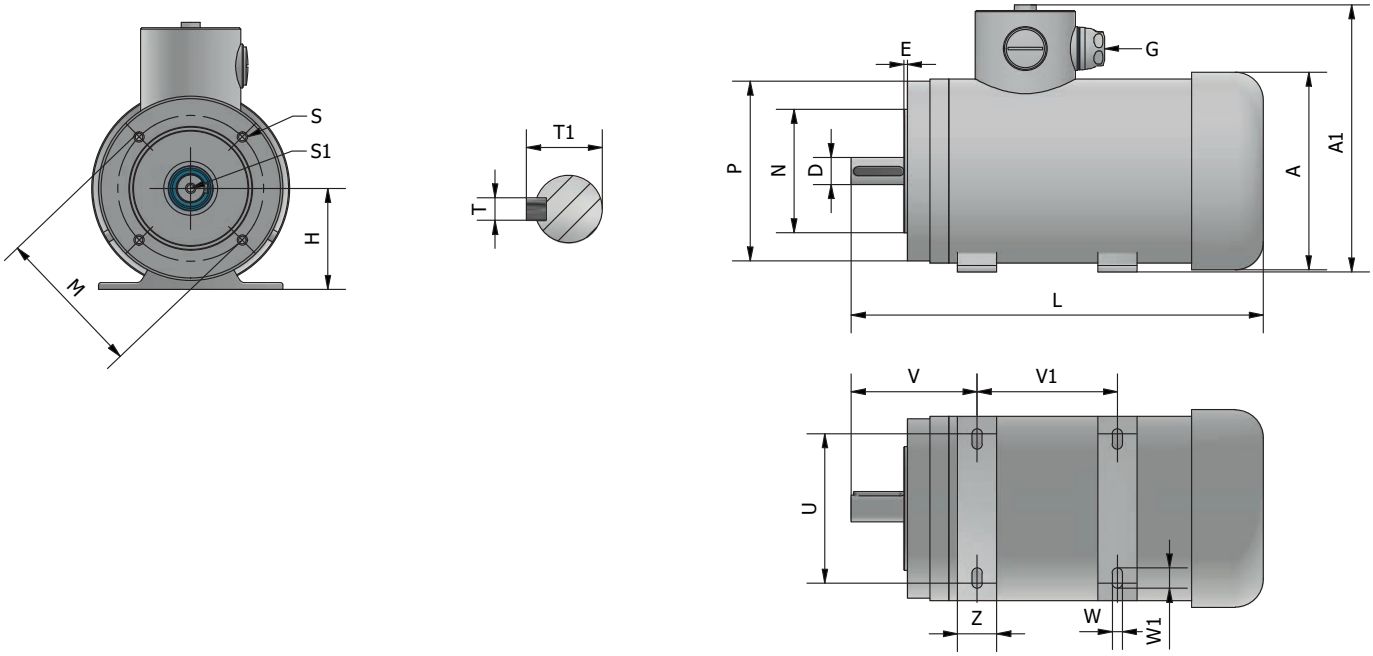


Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B3 B14A TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	100	80	120	M6	3	19	40	6	21,5	M6
FP2SS 90S-2 B3 B14A TEFC	1,5	368						100														
FP2SS 90L-2 B3 B14A TEFC	2,2	392						125														
FP2SS 90S-4 B3 B14A TEFC	1,1	352	176	237	M25x1.5	90	56	100	140	10	14	25	115	95	140	M8	3	24	50	8	27	M8
FP2SS 90L-4 B3 B14A TEFC	1,5	368						125														
FP2SS 90L-6 B3 B14A TEFC	1,1	418						125														
FP2SS 100L-2 B3 B14A TEFC	3,0	450																				
FP2SS 100L1-4 B3 B14A TEFC	2,2	465																				
FP2SS 100L2-4 B3 B14A TEFC	3,0	510	203	264	M25x1.5	100	63	140	160	12	16	30	130	110	160	M8	3,5	28	60	8	31	M10
FP2SS 100L1-6 B3 B14A TEFC	1,5	490																				
FP2SS 112M-2 B3 B14A TEFC	4,0	488																				
FP2SS 112M-4 B3 B14A TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	130	110	160	M8	3,5	28	60	8	31	M10
FP2SS 112M-6 B3 B14A TEFC	2,2	458																				
FP2SS 132S1-2 B3 B14A TEFC	5,5	511						140														
FP2SS 132S2-2 B3 B14A TEFC	7,5	511						140														
FP2SS 132S-4 B3 B14A TEFC	5,5	516	256	324	M25x1.5	132	89	140	216	12	16	40	165	130	200	M10	3,5	38	80	10	41	M12
FP2SS 132M-4 B3 B14A TEFC	7,5	536						178														
FP2SS 132S-6 B3 B14A TEFC	3	511						140														
FP2SS 160M1-2 B3 B14A TEFC	11	715						210														
FP2SS 160M2-2 B3 B14A TEFC	15	715						210														
FP2SS 160L-2 B3 B14A TEFC	18,5	755	311	390	M32x1.5	160	108	254	254	14,5	18,5	50	215	180	250	M12	5	42	110	12	45	M16
FP2SS 160M-4 B3 B14A TEFC	11	715						210														
FP2SS 160L-4 B3 B14A TEFC	15	755						254														

* = DIMENSION ON REQUEST

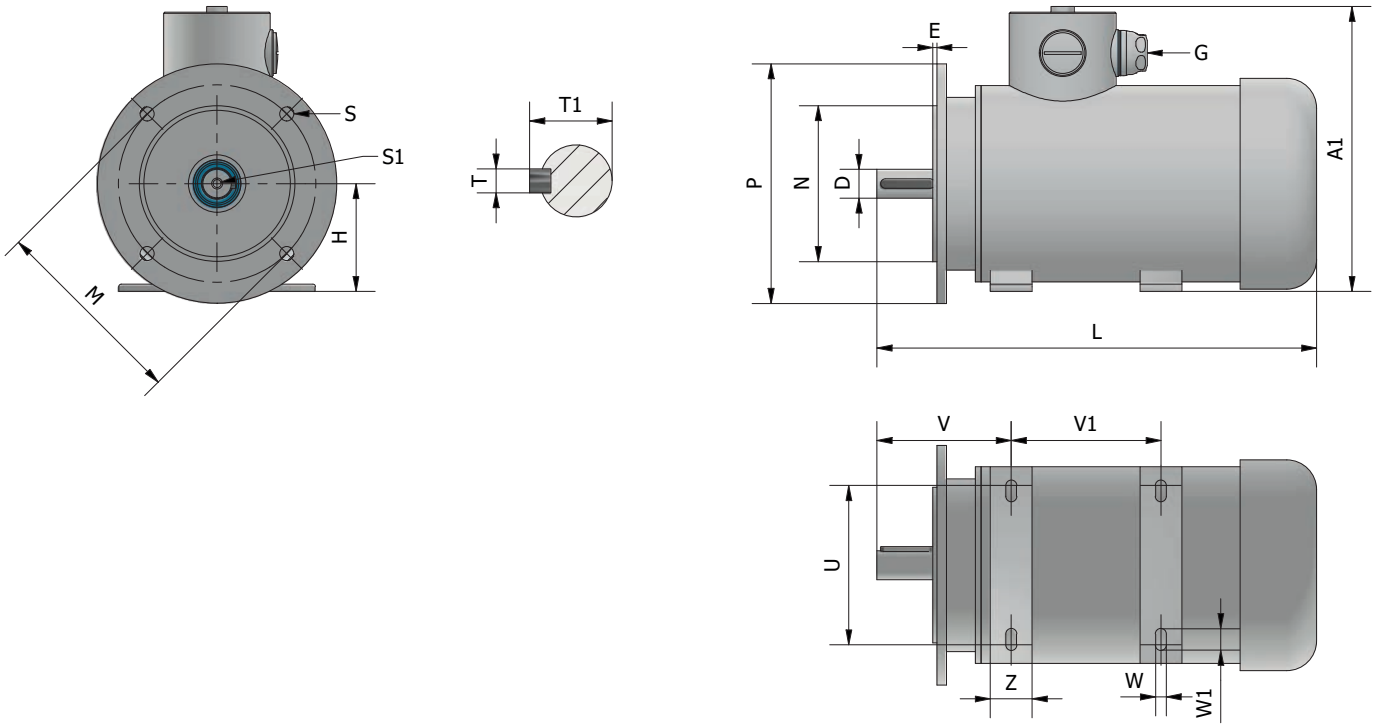
Motor dimensions

FP2SS B3 B14B TEFC



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B3 B14B TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	130	110	160	M8	3,5	19	40	6	21,5	M6
FP2SS 90S-2 B3 B14B TEFC	1,5	368	176	237	M25x1.5	90	56	100	140	10	14	25	130	110	160	M8	3,5	24	50	8	27	M8
FP2SS 90L-2 B3 B14B TEFC	2,2	392						125														
FP2SS 90S-4 B3 B14B TEFC	1,1	352						100														
FP2SS 90L-4 B3 B14B TEFC	1,5	368						125														
FP2SS 90L-6 B3 B14B TEFC	1,1	418						125														
FP2SS 100L-2 B3 B14B TEFC	3,0	450	203	264	M25x1.5	100	63	140	160	12	16	30	165	130	200	M10	3,5	28	60	8	31	M10
FP2SS 100L1-4 B3 B14B TEFC	2,2	465																				
FP2SS 100L2-4 B3 B14B TEFC	3,0	510																				
FP2SS 100L1-6 B3 B14B TEFC	1,5	490																				
FP2SS 112M-2 B3 B14B TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	165	130	200	M10	3,5	28	60	8	31	M10
FP2SS 112M-4 B3 B14B TEFC	4,0	488																				
FP2SS 112M-6 B3 B14B TEFC	2,2	458																				

FP2SS B3 B5 TEFC



Motor information		General				Foot							Flange					Shaft				
Motorname	Power (kW)	L	A	A1	G	H	V	V1	U	W	W1	Z	M	N	P	S	E	D	L1	T	T1	S1
FP2SS 802-2 B3 B5 TEFC	1,1	365	156	215	M20x1.5	80	50	100	125	10	14	25	165	130	200	12	3,5	19	40	6	21,5	M6
FP2SS 90S-2 B3 B5 TEFC	1,5	368						100														
FP2SS 90L-2 B3 B5 TEFC	2,2	392						125														
FP2SS 90S-4 B3 B5 TEFC	1,1	352	176	237	M25x1.5	90	56	100	140	10	14	25	165	130	200	12	3,5	24	50	8	27	M8
FP2SS 90L-4 B3 B5 TEFC	1,5	368						125														
FP2SS 90L-6 B3 B5 TEFC	1,1	418						125														
FP2SS 100L-2 B3 B5 TEFC	3,0	450																				
FP2SS 100L1-4 B3 B5 TEFC	2,2	465																				
FP2SS 100L2-4 B3 B5 TEFC	3,0	510	203	264	M25x1.5	100	63	140	160	12	16	30	215	180	250	15	4	28	60	8	31	M10
FP2SS 100L1-6 B3 B5 TEFC	1,5	490																				
FP2SS 112M-2 B3 B5 TEFC	4,0	488																				
FP2SS 112M-4 B3 B5 TEFC	4,0	488	218	286	M25x1.5	112	70	140	190	12	16	40	215	180	250	15	4	28	60	8	31	M10
FP2SS 112M-6 B3 B5 TEFC	2,2	458																				
FP2SS 132S1-2 B3 B5 TEFC	5,5	511						140														
FP2SS 132S2-2 B3 B5 TEFC	7,5	511						140														
FP2SS 132S-4 B3 B5 TEFC	5,5	516	256	324	M25x1.5	132	89	140	216	12	16	40	265	230	300	15	4	38	80	10	41	M12
FP2SS 132M-4 B3 B5 TEFC	7,5	536						178														
FP2SS 132S-6 B3 B5 TEFC	3	511						140														
FP2SS 160M1-2 B3 B5 TEFC	11	715						210														
FP2SS 160M2-2 B3 B5 TEFC	15	715						210														
FP2SS 160L-2 B3 B5 TEFC	18,5	755	311	390	M32x1.5	160	108	254	254	14,5	18,5	50	300	250	350	19	5	42	110	12	45	M16
FP2SS 160M-4 B3 B5 TEFC	11	715						210														
FP2SS 160L-4 B3 B5 TEFC	15	755						254														

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