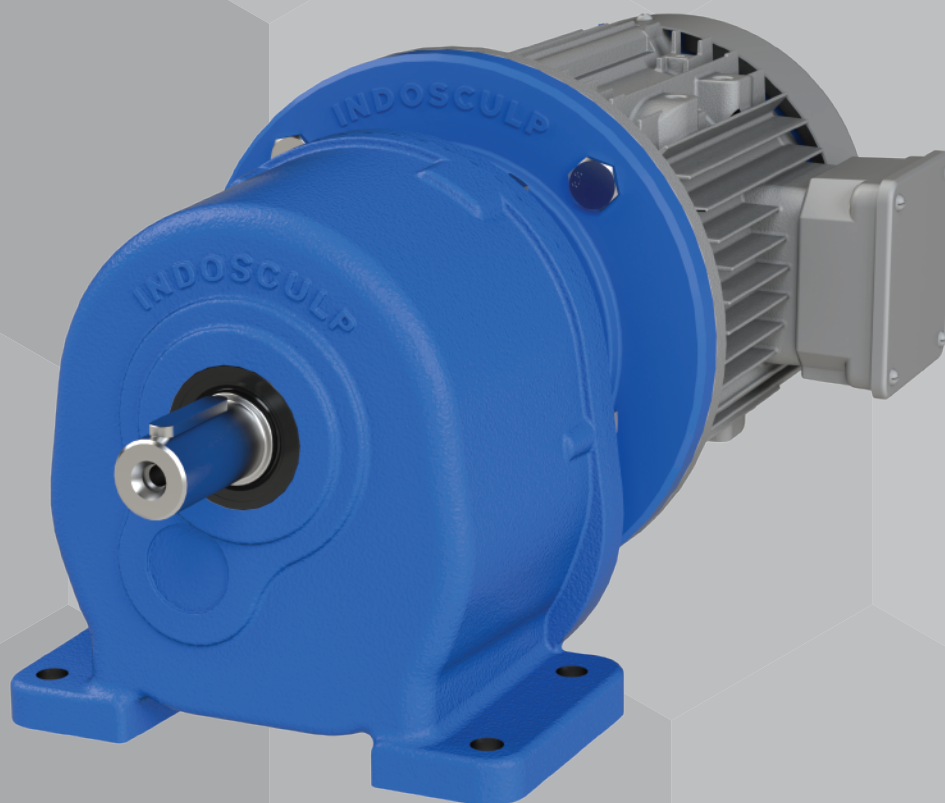
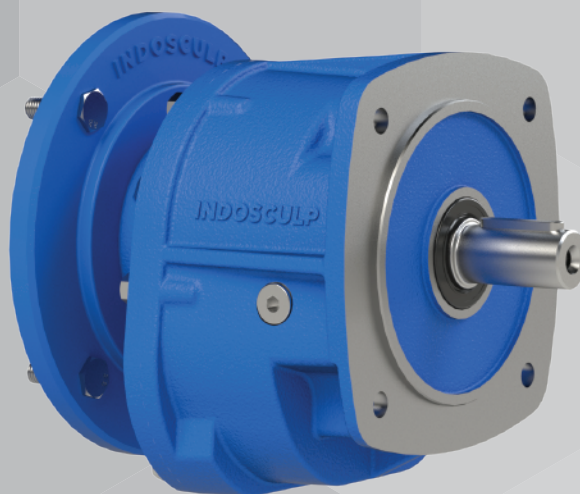




INDOSCULP



*Performance Assured
Ground Gears
Synthetic Oil*



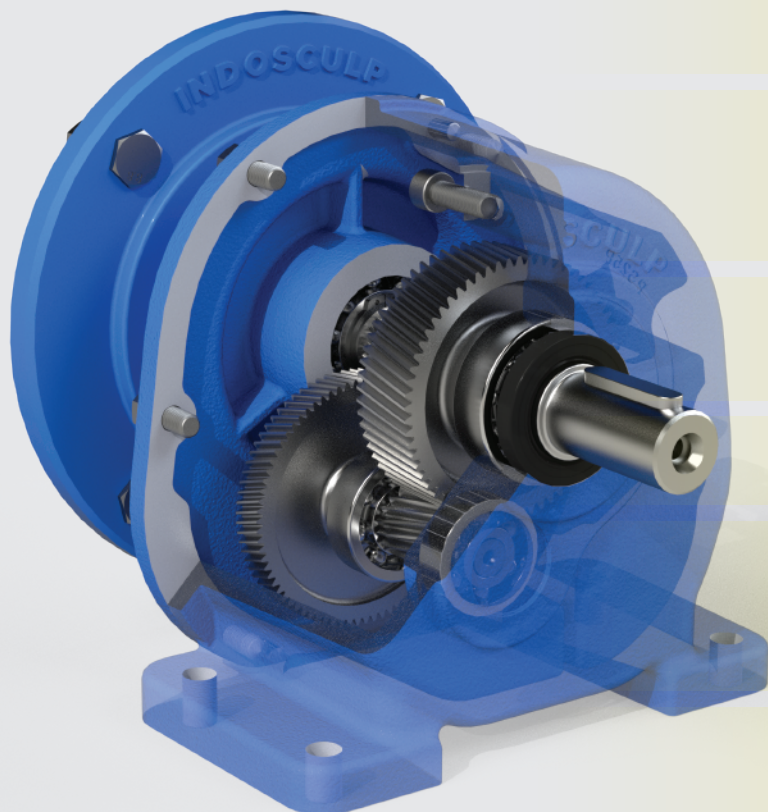
For **2Pole** / **4Pole** / **6Pole**

PS SERIES

PRODUCT CATALOGUE

PS16 / PS20 / PS25 / PS30 / PS35 / PS45 / PS55 / PS60

Inline Helical Gearboxes & Gearmotors



Synthetic Lubricant **1**
Grade VG 320 - for longer life

Gears **2**
Forged Steel Grade 20MnCr5
Case Hardened 58-62 HRC
Gear Profile Grinding DIN 6 Accuracy
Exceptionally low Noise Level

Precision Bearings **3**
2RS Bearing at input shaft
for self lubrication & dust proofing

High Quality **4**
Nitrile (NBR) Double Lip Oil Seal

Gearbox Housing **5**
Cast Iron Grade FG 260
High Toughness

Colour Indigo Blue **6**
Surface Treatment Zinc Phosphating
Pure Polyester Powder Coating

- > The gear units are designed in unibox housing to consume optimal installation space and can operate in harsh environments with minimum downtimes. Strict quality control measures are adopted at each stage of manufacturing and assembly of the gearbox
- > All units are suitable to fit with any standard IEC motor
- > Inspection Standards:

Surface hardness	UNE 7-257-72
Alignment of shaft to output flange	DIN 42955
Shaft seal tightness	Test at 1Kg/cm ²
Noise levels	Within the limits specified in VDI 2159

IN-HOUSE PRODUCTION FACILITIES

- > 40,000 Sq. Ft State of the Art Manufacturing Facility
- > Gear Cutting Machines: CNC Gear Hobbing Machine, CNC Shaving Machine, CNC Gear Grinding Machine, etc
- > Seal Quench Heat Treatment Plant
- > VMCs & HMCs
- > QA Facilities: CNC Gear Tester, CMM, Contracer, Leakage Testing Machine, UTM, Hardness Testers, Test Rig, etc



CNC Hobbing



CNC Gear Grinding



**CNC Gear
Profile Tester**



**Coordinate Measuring
Machine**

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or scan the qr code below



1. UNITS OF MEASUREMENT

Symbol	Value applies to	Unit	Description
A_N	1, 2	[N]	
Sf_1		-	Service Factor
f_T		-	Thermal Factor
f_{TP}		-	Temperature Factor
i		-	Gear Ratio
I		-	Cyclic Duration Factor
J_C		[Kgm ²]	Mass Moment of Inertia to be driven
J_M		[Kgm ²]	Motor Mass Moment of Inertia
J_R		[Kgm ²]	Mass Moment of Inertia for the Gear Unit
K		-	Mass Acceleration Factor
K_r		-	Transmission Element Factor
M	1, 2	[Nm]	Torque
M_c	1, 2	[Nm]	Calculated Torque
M_n	1, 2	[Nm]	Rated Torque
M_r	1, 2	[Nm]	Torque Demand
n	1, 2	[min ⁻¹]	Rotational Speed
P	1, 2	[kW]	Power
P_N	1, 2	[kW]	Rated Power
P_R	1, 2	[kW]	Power Demand
R_C	1, 2	[N]	Calculated Radial Force
R_N	1, 2	[N]	Permissible Overhung Load
S		-	Safety Factor
t_a		[°C]	Ambient Temperature
t_f		[min]	Work Time at Constant Load
t_r		[min]	Rest Time
η_d		-	Dynamic Efficiency
η_s		-	Static Efficiency

1 Value applies to i/p shaft

2 Value applies to o/p shaft

General Information

The following headings contain information on elements for selection and correct use of gearmotors.

2. TORQUE

[Nm]

Rated Torque

M_{n2} [Nm]

Torque transmissible through output shaft, under uniform loading and based on service factor $f_s=1$. Rating refers to specific n_1 input speeds.

Required Torque

M_{r2} [Nm]

Torque corresponding to application requirements. It must always be equal to or less than rated output torque M_{n2} for the gearbox under study.

Calculated Torque

M_{c2} [Nm]

Torque value to be used when selecting the gearbox, considering required torque M_{r2} and service factor Sf and is obtained through the equation given below.

$$M_{c2} = M_{r2} * Sf \leq M_{n2} \quad *(1)$$

3. POWER

[Kw]

Input Rated Power

P_{n1} [kW]

In the gearbox selection charts this is the power applicable to input shaft, based on input speed n_1 and corresponding to service factor $f_s=1$.

4. THERMAL CAPACITY (P_t)

[Kw]

P_t is the power that can be transmitted through the gear unit, under a continuous duty and an ambient temperature of 20 °C, without resulting into damage of the inner parts or degradation of the lubricant properties. Refer chart (A1) for specific kW ratings.

In case of intermittent duty, or an operating ambient temperature other than the rated 20 °C, the P_t value should be adjusted through the factor f_t , obtained from chart (A2) as per the following equation: $P_t' = P_t \times f_t$

Gear units featuring more than 2 reductions and/or a gear ratio larger than $i > 45$ do not normally require the thermal limit to be checked as in these cases the thermal rating usually exceeds the mechanical rating.

P_t [kW] 20 °C			*(A1)	
Model	Rotational Speed at i/p shaft			
	$n_1 = 1400 \text{ min}^{-1}$	$n_1 = 2800 \text{ min}^{-1}$		
PS 16	3.3	2.2		
PS 20	4.7	3.3		
PS 25	6.0	4.2		
PS 30	7.8	5.5		
PS 35	10.8	7.5		
PS 45	13.9	9.8		
PS 55	20.8	15.6		
PS 60	31.0	23.0		

f_t						*(A2)	
t_a [°C]	Continuous duty	Intermittent duty					
		Degree of Intermittence					
		80%	60%	40%	20%		
40	0.80	1.1	1.3	1.5	1.6		
30	0.85	1.3	1.5	1.6	1.8		
20	1.00	1.5	1.6	1.8	2		
10	1.15	1.6	1.8	2	2.3		

Where Cyclic duration factor (I)% is the relationship of operating time under load t_f and total time ($t_f + t_r$) expressed as a percentage.

$$I = \frac{t_f}{t_f + t_r} * 100 \quad *(2)$$

The condition to verify the above is:

$$P_{r1} \leq P_t * f_t \quad *(3)$$

5. EFFICIENCY (η)

Obtained from the relationship of output power P_2 to input power P_1 according to the following equation:

$$\eta = \frac{P_2}{P_1} * 100 \quad [\%] \quad *(4)$$

η	2S	3S
	95%	93%

*(A3)

6. GEAR RATIO (i)

The value for the gear ratio is referred to with the letter (i) and calculated through the relationship of the input speed n_1 to the output speed n_2 :

$$i = \frac{n_1}{n_2} \quad *(5)$$

7. ANGULAR VELOCITY

Input Speed
 n_1 [min^{-1}]

Speed is related to the prime mover selected. Catalogue values refer to speed of either single or double speed motors that are common in the industry.

If the gearbox is driven by an external transmission it is recommended to operate it with a speed of 1400 min^{-1} or lower in order to optimise operating conditions and lifetime.

Higher input speeds are permitted, however in this case consider that torque rating M_{n2} is affected adversely. Please consult a Indosculp representative.

Output Speed
 n_2 [min^{-1}]

The output speed n_2 is calculated from the relationship of input speed n_1 to the gear ratio i , as per the following:

$$n_2 = \frac{n_1}{i} \quad *(6)$$

8. OVERHUNG LOADS

External transmissions keyed onto input and/or output shaft generate loads that act radially onto same shaft. Resulting shaft loading must be compatible with both the bearing and the shaft capacity. Namely shaft loading (R_{c1} for input shaft, R_{c2} for output shaft), must be equal to or lower than admissible overhung load capacity for shaft under study (R_{n1} for input shaft, R_{n2} for output shaft). OHL capability listed in the rating chart section.

In the formulas given on the right, index (1) applies to parameters relating to input shaft, whereas index (2) refers to output shaft. The load generated by an external transmission can be calculated with close approximation through the following equations:

$$R_{c2} [N] = \frac{2000 * M_2 [Nm] * K_r}{d [mm]} \quad *(7)$$

$$R_{c1} [N] = \frac{2000 * M_1 [Nm] * K_r}{d [mm]}$$

where,

$M_{1/2} [Nm]$ = torque applied to shaft

$d [mm]$ = pitch diameter of part

keyed on to shaft

$K_r = 1$ (Chain Transmission)

$K_r = 1.25$ (Gear Transmission)

$K_r = 1.25-2.0$ (Belt Transmission)

A comparison of shaft loading with catalogue OHL ratings should verify the following condition:

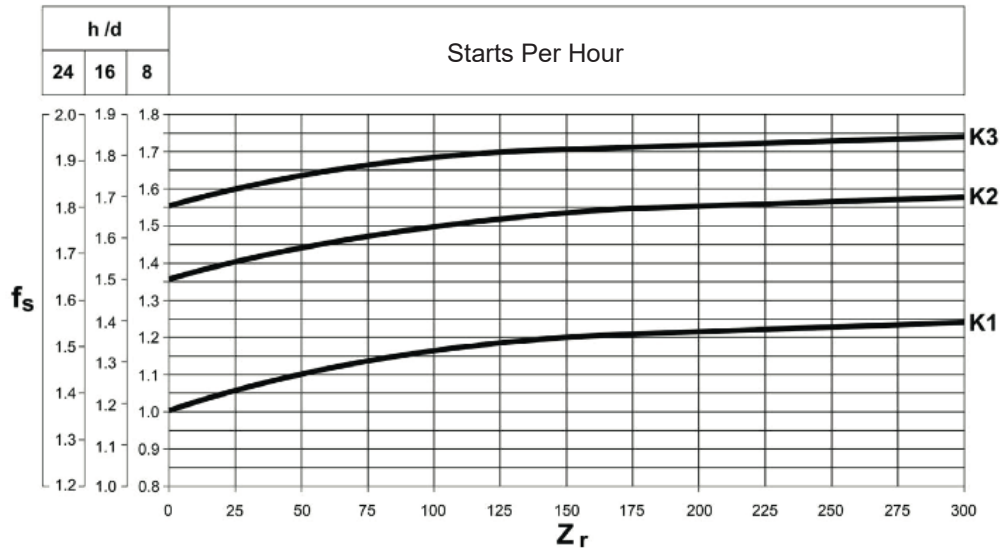
$R_{c1} \leq R_{n1}$ [input shaft]

or

$R_{c2} \leq R_{n2}$ [output shaft]

9. SERVICE FACTOR (f_s)

This factor is numeric value describing reducer service duty. It takes into consideration, with unavoidable approximation, daily operating conditions, load variations and overloads connected with reducer application. In the below diagram, after selecting proper “daily working hours” column, the service factor is given by intersecting the number of starts per hour and one of the K1, K2 or K3 curves.



K curves are linked with the service nature (approximately: uniform, medium & heavy) through the acceleration factor of masses K , connected to the ratio between masses and motor inertia values.

Regardless of the value given for the service factor, we would like to remind that in some applications, which for example involve lifting parts, failure of the reducer may expose the operators to the risk of injuries. If in doubt, please contact our Technical Service.

Acceleration factor of masses, K

This parameter serves for selecting the right curve for the type of load. The value is given by the following ratio:

$$K = \frac{J_c}{J_m} \quad * (8)$$

where,

J_c = moment of inertia of driven masses referred to motor driving shaft.

J_m = moment of inertia of motor

$K \leq 0.25$ = curve **K1** Uniform load

$0.25 < K \leq 3$ = curve **K2** Moderate shock load

$3 < K \leq 10$ = curve **K3** Heavy shock load

$K > 10$ = please contact our Technical Service

10. LUBRICATION & MAINTAINENCE

Lubrication

The PS speed reducer sizes 16, 20, 25, 30 & 35 are factory filled with long-life synthetic lubricant. There is no need for periodical lubricant changes. Oil quantity allows any mounting position.

Operation of gear units is permitted at ambient temperatures between -20°C and $+40^{\circ}\text{C}$. However, for temperatures between -20°C and -10°C unit may only start up after it has been progressively and evenly pre-heated, or otherwise initially operated unloaded.

Load may then be connected to the output shaft when the gear unit has reached the temperature of -10°C , or higher.

Should you carry out, for any reason, the complete change of original lubricant, the following table (A) indicates quantity to be used.

Maintainence

The PS speed reducer sizes 45, 55, & 60 which are not factory filled with lubricant, the first oil change must take place after about 300 hours of operation, carefully flushing the gear unit using suitable detergents.

Do not mix mineral oils with synthetic oils.

Check oil levels regularly and change oil at the intervals shown in table (B).

(A) Oil Quantity						
Gearbox Model	B3 B5	B6 B51	B7 B53	B8 B52	V5 V1	V6 V3
PS 16	0.36	0.36	0.36	0.36	0.36	0.36
PS 20	0.40	0.40	0.40	0.40	0.40	0.40
PS 25	0.67	0.67	0.67	0.67	0.67	0.67
PS 30	1.1	1.1	1.1	1.1	1.1	1.1
PS 35	1.1	1.1	1.1	1.1	1.1	1.1
PS 45	2.4	2.2	2.2	1.8	2.7	3.6
PS 55	2.9	2.8	2.8	3.8	6.0	5.5
PS 60	5.5	6.0	6.0	6.5	9.0	8.0

(B) Oil Change Interval		
Oil Temperature [°C]	Mineral Oil [hrs]	Synthetic Oil [hrs]
< 65	8000	25000
65 - 80	4000	15000
80 - 95	2000	12500

11. THRUST LOADS (A_{n1} , A_{n2})

Permissible thrust loads on input [A_{n1}] and output [A_{n2}] shafts are obtained from the radial loading for the shaft under consideration [R_{n1}] and [R_{n2}] through the following equation:

$$\begin{array}{l} A_{n1} = R_{n1} \times 0.2 \\ A_{n2} = R_{n2} \times 0.2 \end{array} \quad * (9)$$

The thrust loads calculated through these formulas apply to thrust forces occurring simultaneously to time as rated radial loads.

In the only case that no overhung load acts on the shaft, the value of the admissible thrust load [A_n] amounts to 50% of the rated OHL [R_n] on same shaft.

Where thrust loads exceed permissible value or largely prevail over radial loads, contact Indosculp for an in-depth analysis of the application.

12. INSTALLATION

The following installation instructions must be followed:

- Make sure that the gearbox is correctly secured and mounted to avoid vibrations. If shocks or overload expected, install hydraulic couplings, clutches, torque limiters, etc.
- Before being paint coated, the machined surfaces and the outer surface of the oil seals must be protected to prevent paint drying out the rubber and jeopardising the sealing properties.
- Parts fitted on the gearbox output shaft must be machined to ISO H7 tolerance to prevent interference fits that could damage the gearbox itself. Further to mount or remove such parts, use suitable pullers or extraction devices using the tapped hole located at the top of the shaft extension.
- Mating surfaces must be cleaned and treated with suitable protective products before mounting to avoid oxidation and, as a result, seizure of parts.
- Prior to putting the gear unit into operation make sure that the equipment that incorporates the same complies with the current revision of the Machines directive.
- Before starting up the machine, make sure that oil level conforms to the mounting position specified for the gear unit.
- For outdoor installation provide adequate guards in order to protect the gearbox drive from rainfalls as well as direct sun radiation.

13. STORAGE

Observe the following instructions to ensure correct storage of the products:

- Do not store outdoors, in areas exposed to weather or with excessive humidity.
- Always place wooden boards or other material underneath the product to avoid direct contact with the floor.
- In case of long-term storage all machined surfaces such as flanges, shafts and couplings must be coated with a suitable rust inhibiting product (Mobilama 248 or equivalent rust preventive).
- Furthermore gear units must be placed with the oil fill plug in the highest position and filled up with oil. Before putting the units into operation the appropriate quantity, and type of oil must be restored.

14. CONDITIONS OF SUPPLY

Gear units are supplied as follows:

- Configured for installation in the mounting position specified when ordering.
- Tested to factory specifications.
- Mating machined surfaces unpainted.
- Nuts and bolts for mounting motors are provided.
- Shafts are protected with shaft covers.
- Supplied with lifting lug (wherever applicable).

15. DESIGNATION FOR GEARBOX

PS 30 2S P 14.01 080 B5 B3

Options

LO (PS 45, PS 55, PS 60)

PV (PS 16 ... PS 60)

Mounting Position

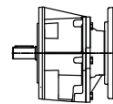
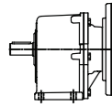
PS P **B3**(default), **B6, B7, B8, V5, V6**

PS F **B5**(default), **B51, B53, B52, V1, V3**

Motor Mounting

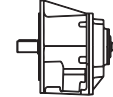
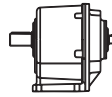
B5

Input Configuration (Motor Frame Size)



063, 071, 080, 090, 100

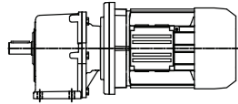
112, 132, 160, 180



HS

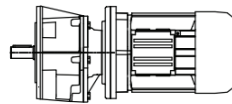
Ratio

Mounting Version



P

Foot Type



F

Flange Type

Reductions

2S = 2 Stage

3S = 3 Stage

Model

16, 20, 25, 30

35, 45, 55, 60

Series

16. GEARBOX OPTIONS

LO

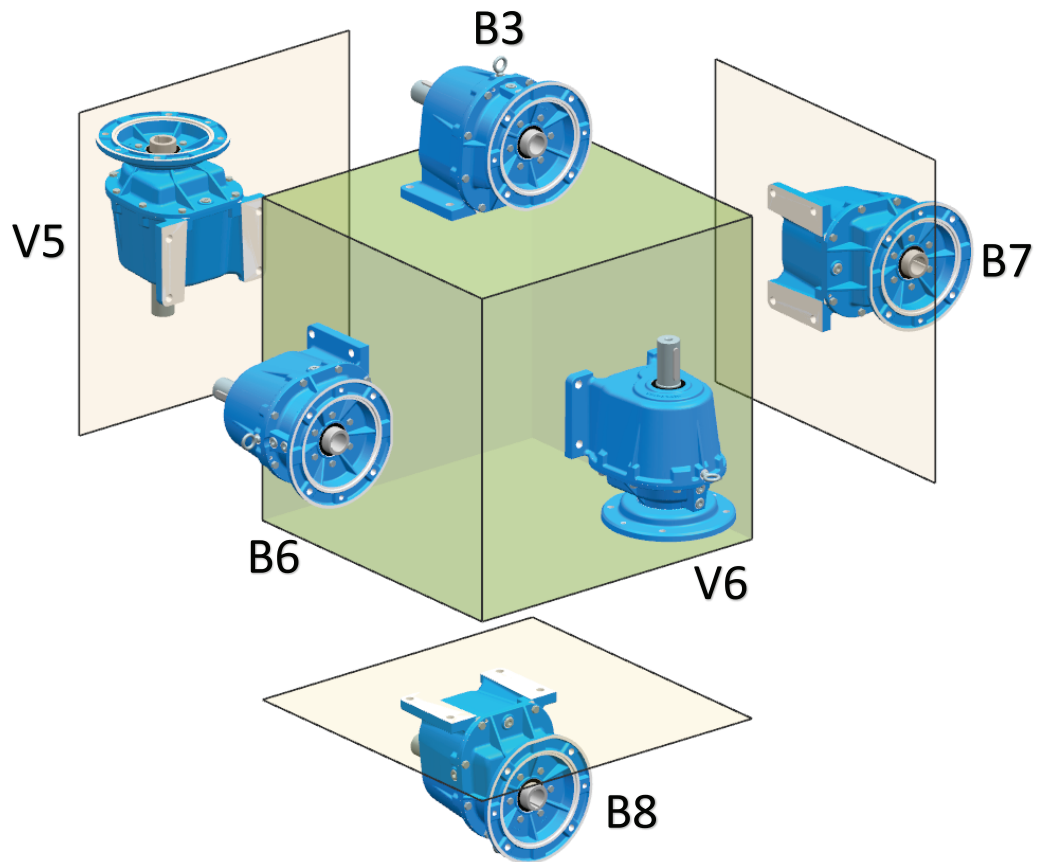
Gearboxes PS45, PS55, PS60 usually supplied without oil, can be supplied with synthetic oil currently used by INDOSCULP and filled according to the mounting position specified.

PV

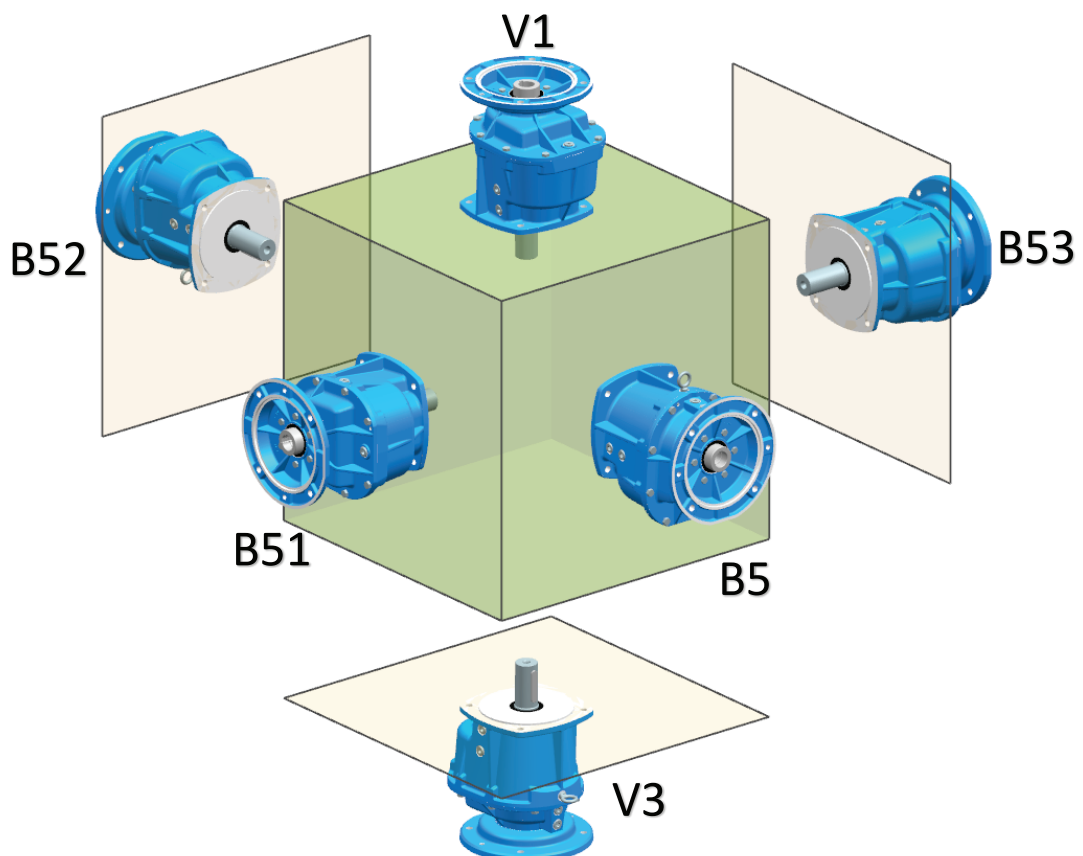
Both input & output shafts feature Viton® oil seals.

17. GEARBOX MOUNTING POSITION

P (Foot Type Gearbox)



F (Flange Type Gearbox)



18. SELECTION GUIDELINES FOR HELICAL GEARBOX

Data required for selection

- **P_{n1} - Motor Power/Input Power/Transmitted Power** [kW]
- **n₁ - Input Speed** [rpm]
- **n₂ - Output Speed** [rpm]
- **i - Required Ratio**
- Type of Driven Machine or nature of load on driven machine (Uniform, Moderate Shock, Heavy Shock Load, etc)
- Duration of service per day, hours
- Connection of output shaft (direct coupling, belt drive, chain/sprocket drive, gears, etc)
- Starting frequency (no. of starts per hour)
- Type of geared motor/ gear unit required
- Mounting Position

Steps for Selection

- 1) **Power Rating:** Refer Speed Reducer Rating charts
- 2) **Service Factor:** For selecting proper size of gear unit a suitable service factor is to be considered over motor power.

Steps to calculate Service Factor:

- i) Type of Load:
U – Uniform Load
M – Moderate Shock Load
H – Heavy Shock Load
 (Refer – Load Classification table)
- ii) Mechanical Service Factor (f₁):
 Refer table to find f₁ as per the **Duration of Service (hours per day)**

Table 1: Mechanical Service Factor (Sf₁)

Duration of Service (Hours per day)	Load classification of driven machine		
	Uniform Load (U)	Moderate Shock Load (M)	Heavy Shock Load (H)
0-3	0.80	1.00	1.50
3-10	1.00	1.25	1.75
10+	1.25	1.50	2.00

Table 2: Load Factor

Overhang Member	K
Chain Sprocket	1.00
Spur/ Helical Gear	1.25
Vee Belt Pulley	1.5
Flat Belt Pulley	2

iii) Frequency Starts Factor (Sf₂)

Now considering Sf₁ and starts per hour, find your Sf₂ by referring the table.

Table 3: Frequency Service Factor (Sf₂)

Starts/hr	Mechanical Service Factor (Sf ₁)					
	0.8	1	1.25	1.5	1.75	2
1	1.00	1.00	1.00	1.00	1.00	1.00
2-20	1.20	1.10	1.08	1.07	1.07	1.06
21-40	1.30	1.20	1.17	1.18	1.15	1.08
41-80	1.50	1.40	1.25	1.23	1.18	1.10
81-160	1.60	1.50	1.35	1.30	1.20	1.15
161-320	2.00	1.80	1.70	1.80	1.50	1.40

iv) Service Factor = Sf₁ x Sf₂

3) **Overhung Load:** When a sprocket/gear, etc. is used at the output shaft for transmitting power, the suitability of gear unit to take resulting radial load (acting as overhung load) is to be decided.

This can be checked using the formula:

$$R = \frac{P_{n1} \times 9550 \times k}{n_2 \times D} \times 2000 \quad [N]$$

Where, P_{n1} = Motor Power/ Input Power [kW]

k = Load Factor [kg]

n₂ = Output Speed [rpm]

D = Pitch Diameter of overhung load member

The calculated overhung load is to be compared with the allowable overhung load values (Rn₂) given in Gearmotor selection chart & Speed Reducer Rating charts.

NOTE: The above calculated overhung load is taken as acting at the middle of output shaft extension. If the overhang load is acting at a distance other than middle of extension, refer the details to us. If the angle at which the overhung load acting is known, the same may also be informed.

The bearings of o/p shaft are capable of taking certain amount of externally applied axial thrust loads. If the o/p shaft is to take combined radial overhang load & axial thrust load, refer the full details to us.

19. LOAD CLASSIFICATION TABLE

Agitators		Conveyors	M	Small Waste Conveyor - Belt	U	Suction Roll	U
Pure Liquids	U	Cutter Head Drives	H	Small Waste Conveyor - Chain	M	Washers & Thickeners	M
Liquids and Solids	M	Jig Drives	H	Log Turning Device	H	Winders	U
Liquids - Variable Density	M	Maneuvering Winches	M	Sorting Table	M		
Semi - Liquids Variable Density	M*	Pumps	M	Tipple Hoist Conveyor	M	Printing Presses	U
		Screen Drive	H	Tipple Hoist Drive	M		
Blower		Stackers	M	Transfer Conveyor	H	Pullers	
Centrifugal	U	Utility Winches	M	Transfer Rolls	H	Barge Haul	M
Lobe	M			Tray Drive	M		
Vane	U	Elevators		Trimmer Feed	M	Pumps	
		Bucket - Uniform Load	U	Waste Conveyor	M	Centrifugal	H
Brewing and Distilling		Bucket - Heavy Load	M			Proportioning	M*
Bottling Machinery	U	Bucket - Continuous	U	Machine Tools		Reciprocating	
Brew Kettles - Continuous Duty	U	Centrifugal Discharge	U	Bending Roll	M	Single Acting	
Cookers - Continuous Duty	U	Escalators	U	Notching Press - Belt Driven	*	3 or more Cylinders	M
Mach Tubs - Continuous Duty	U	Freight	M	Plate Planer	H	Double Acting	
Scale Hopper Frequent Starts	M	Gravity Discharge	U	Punch Press - Gear Driven	H	2 or more Cylinders	*
		Man Lifts	**			Single Acting 1 or 2 Cylinders	*
Can Filling Machines	U	Passenger	**	Tapping Machines	H	Double Acting	*
		Service - Hand Lift	H	Main Drives	M	Single Cylinder	*
Cane Knives	M			Auxiliary Drives	U	Rotary - Gear Type	H
		Fans				Rotary - Lobe, Vane	H
Car Dumpers	H	Centrifugal	M	Metal Mills			
		Cooling Towers	**	Draw Bench - Carriage	H	Rubber Industry	
Car Pullers - Intermittent Duty	U	Induced Draft	M	Draw Bench - Main Drive	M	Mixer	H
Clarifiers	U	Forced Draft	**	Forming Machines	H	Rubber Calender	M
Classifiers	M	Large (Mine, etc)	M*	Pinch Dryer & Scrubber rolls		Rubber Mill (2 or more)	M*
		Large Industrial	M*	Reversing	*	Sheeter	M*
Clay Working Machinery		Large (Small Diameter)	U	Slitters	M*	Tire Building Machines	**
Brick Press	H			Table Conveyors		Tire & Tube Press Openers	**
Briquette Machine	H	Feeders		Reversing	H	Tubers & Strainers	M
Clay Working Machinery	M	Apron	M	Non Reversing	M		
Pug Mill	M	Belt	M	Wire Drawing & Flattening m/c	M	Sewage Disposal Equipment	
		Disc	U	Wire Welding Machine	M	Bar Screens	H
Compressors		Reciprocating	H			Chemical Feeders	H
Centrifugal		Screw	M	Mills, Rotary Type		Collectors, Circuline or Straight	H
Lobe				Ball	H	Dewatering Screens	M
Reciprocating		Food Industry		Cement Kilns	**	Grit Collectors	H
Multi Cylinder	M*	Beet Slicer	M	Dryers & Coolers	M	Scum Breaks	M
Single Cylinder	H*	Cereal Cooker	U	Kilns	M	Slow or Rapid Mixers	M
		Dough Mixer	M	Pebble	H	Suldge Collectors	U
Conveyors - Uniformly Loaded or Fed		Meat Grinders	M	Rod	H	Thickeners	M
Apron	M			Tumbling Barrels	H	Vaccum Filters	M
Assembly	M	Generators (Not Welding)	U				
Belt	M			Mixers		Screens	
Bucket	M	Hammer Mills	H	Concrete Mixers, Continuous	M	Air Washing	U
Chain	U			Concrete Mixers, Intermittent	U	Rotary - Stone or Gravel	M
Flight	U	Laundry Washers		Constant Density	U	Traveling Water Intake	U
Oven	U	Reversing	M	Variable Density	M		
		Laundry Tumblers	M			Slabpushers	M
Conveyors - Heavy Duty Not Uniformly Loaded				Oil Industry		Steering Gear	M
Apron	M	Line Shafts		Chillers	M		
Assembly	M	Heavy Shock Load	H	Oil Well Pumping	**	Stockers	U
Belt	M	Moderate Shock Load	M	Paraffin Filter Press	M		
Bucket	M	Uniform Load	U	Rotary Kilns	M	Textile Industry	
Chain	M			Paper Mills		Batchers	M
Flight	M	Lumber Industry		Agitators (Mixers)	M	Calenders	M
Live Roll (Package)	M	Barker - Hydraulic/Mechanical	M	Barker Auxiliaries, Hydraulic	M	Card Machines	M*
Oven	M	Burner Conveyor	M	Barker, Mechanical	M	Cloth Finishing Machines	
Reciprocating	H	Chain Saw and Drag Saw	H	Barking Drum	H	(washers, pads, tenters, dryers, calenders, etc)	M
Screw	M	Chain Transfer	H	Beater & Pulper	M	Dry Cans	M
Shaker	H	Craneway Transfer	H	Bleacher U	U	Dryers	M
		De-barking Drum	H	Calenders	M	Dyeing Machinery	M
		Edger Feed	M	Calenders - Super	H	Knitting Machines (Looms, etc)	*
Cranes and Hoists		Gang Feed	M	Converting machines, except cutters, platers	M	Looms	M
Main Hoists		Green Chains	M	Conveyors	U	Mangles	M
Heavy Duty	H	Live rolls	H	Couch	M	Nappers	M
Medium Duty	M	Log Deck	H	Cutters, Platers	H	Pads	M
Reversing	M	Log Haul - Incline	H	Cylinders	M	Range Drives	*
Skip Hoists	M	Log Haul - Well type	H	Dryers	M	Slashers	M
Trolley Drive	M*	Log turning device	H	Felt Stretcher	M	Spinners	M
Bridge Drive	M*	Main Log Conveyor	H	Felt Whipper	H	Tenter Frames	M
		Off Bearing Rolls	M	Jordans	H	Washers	M
Crushers		Planer Feed Chains	M	Log Haul	H	Winders (Other than Batchers)	M
Ore	H	Planer Floor Chains	M	Presses	U	Yarn Preparatory Machines	
Stone	H	Planer Tilting Hoist	M	Pulp Machines	M	(Cards, Spinners, Slashers, etc)	M*
		Re-saw Merry-go-round Conveyor	M	Reel	M	Windlass	M*
Dredges		Roll Cases	H	Stock Chests	M		
Cable Reels	M	Slab Conveyor	H				

U - Unifrom Load

M - Moderate Load

H - Heavy Load

* In view of varying load conditions, it is suggested that these applications be carefully reviewed before a final selection is made

** Check Safety Codes and refer to Indosculp Customer Service

20. MOTOR AVAILABILITY

Motor - gearbox combinations resulting from the below chart are based purely on geometrical compatibility. When selecting a gearmotor, refer to procedure specified and observe particularly the condition $S \geq f_s$.

Gearbox Model	Stage	Ratio (i)	Motor Frame Size (IEC)								
			63	71	80	90	100	112	132	160	180
PS 16	2S	5.53 - 44.73									
PS 20	2S	5.49 - 15.48									
		18.01 - 49.52									
	3S	58.1 - 187.5									
PS 25	2S	5.02 - 49.04									
	3S	60.1 - 192.1									
PS 30	2S	5.11 - 36.82									
	3S	41.2 - 151.1									
PS 35	2S	5.11 - 36.82									
	3S	41.2 - 151.1									
PS 45	2S	4.42 - 27.45							⚠		
	3S	31.1 - 62.7									
		76.8 - 202.1									
PS 55	2S	4.55 - 25.84								⚠	
	3S	29.8 - 77.5									
		87 - 190.3									
PS 60	2S	4.34 - 25.47									⚠
	3S	30.2 - 76.4									
		88.1 - 187.5									

⚠ In this case, if the gearbox is in any horizontal mounting position, it is recommended that the motor is IM B35 type.

21. GEARMOTOR SELECTION CHARTS

PS SERIES / Inline Helical Gearbox

0.09 kW / 0.12 HP

n_2 o/p rpm	M_2 Nm	Sf_1 Service Factor	i Ratio	Rn_2 N	IEC Model	Motor Frame Size	Pole
4.7	174	1.1	168.40	3200	PS 25 3S 063 B5	63S	6
5.7	143	1.4	157.90	3200	PS 25 3S 063 B5	63S	6
6.2	131	1.6	144.40	3200	PS 25 3S 063 B5	63S	6
7.0	111	1.9	122.50	3200	PS 25 3S 063 B5	63S	6
7.5	107	0.9	120.10	2800	PS 20 3S 063 B5	63S	6
8.0	99	2.1	109.10	3200	PS 25 3S 063 B5	63S	6
8.3	96	1.0	108.10	2800	PS 20 3S 063 B5	63S	6
9.2	87	1.1	97.70	2800	PS 20 3S 063 B5	63S	6
10.0	81	2.5	89.70	3200	PS 25 3S 063 B5	63S	6
11.0	74	2.8	82.00	3195	PS 25 3S 063 B5	63S	6
11.1	72	1.3	81.40	2800	PS 20 3S 063 B5	63S	6
13.0	63	3.3	69.60	2910	PS 25 3S 063 B5	63S	6
13.0	61	1.7	69.20	2800	PS 20 3S 063 B5	63S	6
14.0	57	1.8	64.30	2800	PS 20 3S 063 B5	63S	6
15.5	52	1.9	58.10	2800	PS 20 3S 063 B5	63S	6
18.2	45	2.0	49.52	2800	PS 20 2S 063 B5	63S	6
20.1	41	2.2	44.77	2680	PS 20 2S 063 B5	63S	6
20.1	41	1.1	44.73	1170	PS 16 2S 063 B5	63S	6
22.3	37	1.2	40.32	1150	PS 16 2S 063 B5	63S	6
24.1	34	2.7	37.31	2460	PS 20 2S 063 B5	63S	6
24.8	33	1.4	36.36	1140	PS 16 2S 063 B5	63S	6
27.5	30	1.5	32.78	1110	PS 16 2S 063 B5	63S	6
28.4	29	3.1	31.71	2270	PS 20 2S 063 B5	63S	6
32.0	26	3.6	28.13	2190	PS 20 2S 063 B5	63S	6
33.2	25	1.8	27.14	1070	PS 16 2S 063 B5	63S	6
35.4	23	3.9	25.43	2090	PS 20 2S 063 B5	63S	6
42.9	19	2.4	20.96	1020	PS 16 2S 063 B5	63S	6
47.6	17	2.6	18.89	1000	PS 16 2S 063 B5	63S	6
57.5	14	3.2	15.64	950	PS 16 2S 063 B5	63S	6
72.2	11	4.0	12.47	900	PS 16 2S 063 B5	63S	6
80.1	10	4.4	11.24	880	PS 16 2S 063 B5	63S	6
96.7	8	5.3	9.31	830	PS 16 2S 063 B5	63S	6
121.5	7	6.7	7.41	780	PS 16 2S 063 B5	63S	6
134.7	6	7.4	6.68	760	PS 16 2S 063 B5	63S	6
162.7	5	9.0	5.53	720	PS 16 2S 063 B5	63S	6

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
5.8	185	1.1	157.90	3200	PS 25 3S 063 B5	63L	6
6.3	169	1.2	168.40	3200	PS 25 3S 063 B5	63L	6
6.3	169	1.2	144.40	3200	PS 25 3S 063 B5	63L	6
7.3	146	1.2	192.10	3200	PS 25 3S 063 B5	63S	4
7.3	146	1.4	122.50	3200	PS 25 3S 063 B5	63L	6
8.3	128	1.6	109.10	3200	PS 25 3S 063 B5	63L	6
8.9	120	1.5	157.90	3200	PS 25 3S 063 B5	63S	4
9.7	110	1.6	144.40	3200	PS 25 3S 063 B5	63S	4
10.1	105	1.9	89.70	3200	PS 25 3S 063 B5	63L	6
11.1	96	2.1	82.00	3200	PS 25 3S 063 B5	63L	6
11.1	96	1.0	81.40	2800	PS 20 3S 063 B5	63L	6
11.4	93	1.9	122.50	3200	PS 25 3S 063 B5	63S	4
11.7	91	1.0	120.10	2800	PS 20 3S 063 B5	63S	4
12.8	83	2.2	109.10	3200	PS 25 3S 063 B5	63S	4
13.0	82	1.1	108.10	2800	PS 20 3S 063 B5	63S	4
13.0	82	1.3	69.20	2800	PS 20 3S 063 B5	63L	6
13.1	82	2.5	69.60	2910	PS 25 3S 063 B5	63L	6
14.0	76	1.3	64.30	2800	PS 20 3S 063 B5	63L	6
14.3	74	1.2	97.70	2800	PS 20 3S 063 B5	63S	4
15.5	69	1.4	58.10	2800	PS 20 3S 063 B5	63L	6
15.6	68	2.6	89.70	3200	PS 25 3S 063 B5	63S	4
17.1	62	2.9	82.00	3200	PS 25 3S 063 B5	63S	4
17.2	62	1.5	81.40	2800	PS 20 3S 063 B5	63S	4
18.2	60	1.5	49.52	2800	PS 20 2S 063 B5	63L	6
20.1	54	1.7	44.77	2680	PS 20 2S 063 B5	63L	6
20.1	53	3.4	69.60	3195	PS 25 3S 063 B5	63S	4
20.2	53	1.7	69.20	2632	PS 20 3S 063 B5	63S	4
21.8	49	1.8	64.30	2595	PS 20 3S 063 B5	63S	4
24.1	44	2.0	58.10	2476	PS 20 3S 063 B5	63S	4
24.1	45	2.0	37.31	2460	PS 20 2S 063 B5	63L	6
28.0	38	2.3	31.71	2270	PS 20 2S 063 B5	63L	6
28.3	39	2.1	49.52	2400	PS 20 2S 063 B5	63S	4
31.0	35	1.3	44.73	1010	PS 16 2S 063 B5	63S	4
31.3	35	2.3	44.77	2290	PS 20 2S 063 B5	63S	4
32.0	34	2.7	28.13	2190	PS 20 2S 063 B5	63L	6
35.0	31	2.9	25.43	2090	PS 20 2S 063 B5	63L	6
35.0	31	1.4	40.32	990	PS 16 2S 063 B5	63S	4
38.0	29	2.8	37.31	2100	PS 20 2S 063 B5	63S	4
39.0	28	1.6	36.36	980	PS 16 2S 063 B5	63S	4
42.0	26	3.5	21.19	1900	PS 20 2S 063 B5	63L	6
43.0	25	1.8	32.78	960	PS 16 2S 063 B5	63S	4
44.0	25	3.2	31.71	1940	PS 20 2S 063 B5	63S	4
52.0	21	2.1	27.14	930	PS 16 2S 063 B5	63S	4
67.0	16	2.8	20.96	890	PS 16 2S 063 B5	63S	4
74.0	15	2.7	18.89	860	PS 16 2S 063 B5	63S	4
89.0	12	3.3	15.64	820	PS 16 2S 063 B5	63S	4
112.0	10	4.1	12.47	780	PS 16 2S 063 B5	63S	4
125.0	9	4.6	11.24	760	PS 16 2S 063 B5	63S	4
150.0	7	4.1	9.31	720	PS 16 2S 063 B5	63S	4
189.0	6	5.2	7.41	680	PS 16 2S 063 B5	63S	4
210.0	5	5.8	6.68	660	PS 16 2S 063 B5	63S	4
253.0	4	7.0	5.53	620	PS 16 2S 063 B5	63S	4

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.5	359	2.2	202.10	9500	PS 45 3S 071 B5	71S	6
5.0	321	2.5	168.40	9500	PS 45 3S 071 B5	71S	6
5.5	289	2.8	162.70	9500	PS 45 3S 071 B5	71S	6
6.1	261	3.1	147.20	9500	PS 45 3S 071 B5	71S	6
7.3	224	0.8	192.10	3200	PS 25 3S 063 B5	63L	4
7.3	218	0.9	122.50	3200	PS 25 3S 071 B5	71S	6
8.2	194	1.0	109.10	3200	PS 25 3S 071 B5	71S	6
8.8	182	1.0	157.90	3200	PS 25 3S 063 B5	63L	4
9.6	166	1.1	144.40	3200	PS 25 3S 063 B5	63L	4
10.0	159	1.3	89.70	3200	PS 25 3S 071 B5	71S	6
10.9	146	1.4	82.00	3195	PS 25 3S 071 B5	71S	6
11.3	141	1.3	122.50	3200	PS 25 3S 063 B5	63L	4
12.7	126	1.4	109.10	3200	PS 25 3S 063 B5	63L	4
12.9	124	1.6	69.60	2910	PS 25 3S 071 B5	71S	6
14.0	114	0.9	64.30	2800	PS 20 3S 071 B5	71S	6
15.0	109	1.8	60.10	2788	PS 25 3S 071 B5	71S	6
15.5	103	0.9	58.10	2800	PS 20 3S 071 B5	71S	6
15.5	103	1.7	89.70	3200	PS 25 3S 063 B5	63L	4
16.5	97	0.9	169.50	2800	PS 20 3S 063 B5	63S	2
17.1	94	1.9	82.00	3200	PS 25 3S 063 B5	63L	4
17.2	93	1.0	81.40	2800	PS 20 3S 063 B5	63L	4
18.2	90	1.0	49.52	2800	PS 20 2S 071 B5	71S	6
19.8	81	1.1	141.30	2680	PS 20 3S 063 B5	63S	2
20.0	80	2.2	69.60	3200	PS 25 3S 063 B5	63L	4
20.1	81	1.1	44.77	2680	PS 20 2S 071 B5	71S	6
20.2	79	1.1	69.20	2632	PS 20 3S 063 B5	63L	4
21.8	73	1.2	64.30	2595	PS 20 3S 063 B5	63L	4
23.3	69	1.3	120.10	2470	PS 20 3S 063 B5	63S	2
24.0	68	1.3	37.31	2460	PS 20 2S 071 B5	71S	6
24.1	66	1.4	58.10	2476	PS 20 3S 063 B5	63L	4
25.9	62	1.4	108.10	2410	PS 20 3S 063 B5	63S	2
28.0	58	1.6	31.71	2270	PS 20 2S 071 B5	71S	6
28.3	58	1.4	49.52	2400	PS 20 2S 063 B5	63L	4
28.7	56	1.6	97.70	2300	PS 20 3S 063 B5	63S	2
31.0	52	1.5	44.77	2290	PS 20 2S 063 B5	63L	4
32.0	51	1.8	28.13	2190	PS 20 2S 071 B5	71S	6
34.0	47	1.0	40.32	850	PS 16 2S 063 B5	63L	4
34.4	46	1.9	81.40	2100	PS 20 3S 063 B5	63S	2
35.0	46	1.9	25.43	2090	PS 20 2S 071 B5	71S	6
38.0	44	1.8	37.31	2100	PS 20 2S 063 B5	63L	4
38.0	43	1.1	36.36	850	PS 16 2S 063 B5	63L	4
40.5	40	2.3	69.20	1930	PS 20 3S 063 B5	63S	2
42.0	38	2.3	21.19	1900	PS 20 2S 071 B5	71S	6
42.0	39	1.2	32.78	840	PS 16 2S 063 B5	63L	4
43.5	37	2.4	64.30	1910	PS 20 3S 063 B5	63S	2
44.0	37	2.2	31.71	1940	PS 20 2S 063 B5	63L	4
48.2	33	2.7	58.10	1810	PS 20 3S 063 B5	63S	2
50.0	33	2.4	28.13	1880	PS 20 2S 063 B5	63L	4
50.0	33	2.8	18.01	1740	PS 20 2S 071 B5	71S	6
51.0	32	1.4	27.14	820	PS 16 2S 063 B5	63L	4
55.0	30	2.7	25.43	1780	PS 20 2S 063 B5	63L	4
56.5	29	2.8	49.52	1770	PS 20 2S 063 B5	63S	2
58.0	28	3.2	15.48	1670	PS 20 2S 071 B5	71S	6
63.0	26	3.1	44.77	1680	PS 20 2S 063 B5	63S	2
64.0	25	3.6	14.00	1580	PS 20 2S 071 B5	71S	6
66.0	25	3.2	21.19	1620	PS 20 2S 063 B5	63L	4
66.0	25	1.8	20.96	810	PS 16 2S 063 B5	63L	4
74.0	22	1.8	18.89	790	PS 16 2S 063 B5	63L	4
89.0	18	2.2	15.64	760	PS 16 2S 063 B5	63L	4
90.0	18	3.6	15.48	1540	PS 20 2S 063 B5	63L	4

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n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.5	499	1.6	202.10	9500	PS 45 3S 071 B5	71L	6
5.0	446	1.8	168.40	9500	PS 45 3S 071 B5	71L	6
5.5	401	2.0	162.70	9500	PS 45 3S 071 B5	71L	6
6.0	377	0.9	151.10	5500	PS 30 3S 071 B5	71L	6
6.0	377	1.4	151.10	7200	PS 35 3S 071 B5	71L	6
6.1	363	2.2	147.20	9500	PS 45 3S 071 B5	71L	6
6.7	332	1.1	134.70	5500	PS 30 3S 071 B5	71L	6
6.7	332	1.6	134.70	7200	PS 35 3S 071 B5	71L	6
6.9	321	2.2	202.10	9500	PS 45 3S 071 B5	71S	4
7.4	298	1.2	120.90	5500	PS 30 3S 071 B5	71L	6
7.4	298	1.8	120.90	7200	PS 35 3S 071 B5	71L	6
7.7	287	2.5	180.70	9500	PS 45 3S 071 B5	71S	4
8.5	260	3.1	105.50	9500	PS 45 3S 071 B5	71L	6
8.6	258	2.8	162.70	9500	PS 45 3S 071 B5	71S	4
9.1	245	1.4	99.30	5500	PS 30 3S 071 B5	71L	6
9.1	245	2.2	99.30	7200	PS 35 3S 071 B5	71L	6
9.1	244	1.3	151.10	5500	PS 30 3S 071 B5	71S	4
9.1	244	2.0	151.10	7200	PS 35 3S 071 B5	71S	4
9.5	233	3.1	147.20	9500	PS 45 3S 071 B5	71S	4
9.5	233	3.4	94.30	9500	PS 45 3S 071 B5	71L	6
10.0	221	0.9	89.70	3200	PS 25 3S 071 B5	71L	6
10.2	217	1.5	134.20	5500	PS 30 3S 071 B5	71S	4
10.2	217	2.2	134.20	7200	PS 35 3S 071 B5	71S	4
10.6	209	3.8	84.90	9500	PS 45 3S 071 B5	71L	6
10.9	203	1.7	82.20	5500	PS 30 3S 071 B5	71L	6
10.9	203	2.6	82.20	7200	PS 35 3S 071 B5	71L	6
11.0	202	1.0	82.00	3180	PS 25 3S 071 B5	71L	6
11.2	198	0.9	122.50	3140	PS 25 3S 071 B5	71S	4
11.4	195	1.6	120.90	5500	PS 30 3S 071 B5	71S	4
11.4	195	2.5	120.90	7200	PS 35 3S 071 B5	71S	4
12.3	181	1.9	73.30	5500	PS 30 3S 071 B5	71L	6
12.3	181	2.9	73.30	7200	PS 35 3S 071 B5	71L	6
12.6	176	1.0	109.10	3200	PS 25 3S 071 B5	71S	4
12.9	172	1.2	69.60	3120	PS 25 3S 071 B5	71L	6
13.7	162	2.2	65.80	5500	PS 30 3S 071 B5	71L	6
13.7	162	3.3	65.80	7200	PS 35 3S 071 B5	71L	6
13.8	160	2.0	99.30	5500	PS 30 3S 071 B5	71S	4
13.8	160	3.0	99.30	7200	PS 35 3S 071 B5	71S	4
15.0	148	1.3	60.10	3150	PS 25 3S 071 B5	71L	6
15.3	145	1.2	89.70	3120	PS 25 3S 071 B5	71S	4
16.7	133	2.4	82.20	5500	PS 30 3S 071 B5	71S	4
16.8	132	1.4	82.00	3070	PS 25 3S 071 B5	71S	4
18.8	118	2.7	73.30	5500	PS 30 3S 071 B5	71S	4
19.8	112	1.6	69.60	2980	PS 25 3S 071 B5	71S	4
20.9	106	3.0	65.80	5500	PS 30 3S 071 B5	71S	4
22.9	97	1.9	60.10	2960	PS 25 3S 071 B5	71S	4
23.3	95	1.0	120.10	2470	PS 20 3S 063 B5	63L	2
24.1	92	1.0	58.10	2476	PS 20 3S 071 B5	71S	4
24.1	94	1.0	37.31	2460	PS 20 2S 071 B5	71L	6
25.9	86	1.0	108.10	2410	PS 20 3S 063 B5	63L	2
28.0	81	2.0	49.00	2830	PS 25 3S 071 B5	71S	4
28.0	80	1.1	31.71	2270	PS 20 2S 071 B5	71L	6
28.3	80	1.0	49.52	2400	PS 20 2S 071 B5	71S	4
28.7	77	1.2	97.70	2300	PS 20 3S 063 B5	63L	2
31.0	73	1.1	44.77	2290	PS 20 2S 071 B5	71S	4
32.0	71	1.3	28.13	2190	PS 20 2S 071 B5	71L	6
34.0	66	2.4	40.29	2710	PS 25 3S 071 B5	71S	4
34.0	65	1.4	81.40	2100	PS 20 3S 063 B5	63L	2
35.0	64	1.4	25.43	2090	PS 20 2S 071 B5	71L	6
37.0	61	2.6	36.86	2650	PS 25 3S 071 B5	71S	4

INDOSculp

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.5	738	1.1	202.10	9500	PS 45 3S 080 B5	80S	6
4.8	687	2.0	168.40	15000	PS 55 3S 080 B5	80S	6
5.0	660	1.2	180.70	9500	PS 45 3S 080 B5	80S	6
5.4	608	2.2	168.40	15000	PS 55 3S 080 B5	80S	6
5.5	594	1.3	162.70	9500	PS 45 3S 080 B5	80S	6
6.0	546	1.0	151.10	7200	PS 35 3S 080 B5	80S	6
6.1	542	2.5	150.20	15000	PS 55 3S 080 B5	80S	6
6.1	537	1.5	147.20	9500	PS 45 3S 080 B5	80S	6
6.8	487	2.8	134.80	15000	PS 55 3S 080 B5	80S	6
6.8	486	1.1	134.70	7200	PS 35 3S 080 B5	80S	6
6.9	474	1.5	202.10	9500	PS 45 3S 071 B5	71L	4
7.4	443	3.0	122.70	15000	PS 55 3S 080 B5	80S	6
7.5	437	1.2	120.90	7200	PS 35 3S 080 B5	80S	6
7.7	424	1.7	180.70	9500	PS 45 3S 071 B5	71L	4
8.4	392	3.4	108.60	15000	PS 55 3S 080 B5	80S	6
8.5	385	2.1	105.50	9500	PS 45 3S 080 B5	80S	6
8.6	382	1.9	162.70	9500	PS 45 3S 071 B5	71L	4
9.1	363	1.3	151.10	7200	PS 35 3S 071 B5	71L	4
9.2	359	1.0	99.30	5500	PS 30 3S 080 B5	80S	6
9.2	359	1.5	99.30	7200	PS 35 3S 080 B5	80S	6
9.5	346	2.1	147.20	9500	PS 45 3S 071 B5	71L	4
9.5	344	2.3	94.30	9500	PS 45 3S 080 B5	80S	6
10.2	323	1.0	134.70	5500	PS 30 3S 071 B5	71L	4
10.2	323	1.5	134.70	7200	PS 35 3S 071 B5	71L	4
10.6	310	2.6	84.90	9500	PS 45 3S 080 B5	80S	6
11.1	297	1.2	82.20	5500	PS 30 3S 080 B5	80S	6
11.1	297	1.8	82.20	7200	PS 35 3S 080 B5	80S	6
11.3	290	1.1	120.90	5500	PS 30 3S 071 B5	71L	4
11.3	290	1.7	120.90	7200	PS 35 3S 071 B5	71L	4
11.7	280	2.9	76.80	9500	PS 45 3S 080 B5	80S	6
12.4	265	1.3	73.30	5500	PS 30 3S 080 B5	80S	6
12.4	265	2.0	73.30	7200	PS 35 3S 080 B5	80S	6
13.3	248	2.9	105.50	9500	PS 45 3S 071 B5	71L	4
13.8	238	1.3	99.30	5500	PS 30 3S 071 B5	71L	4
13.8	238	2.0	99.30	7200	PS 35 3S 071 B5	71L	4
13.8	238	1.5	65.80	5500	PS 30 3S 080 B5	80S	6
13.8	238	2.2	65.80	7200	PS 35 3S 080 B5	80S	6
13.9	237	3.0	202.10	9500	PS 45 3S 080 B5	71S	2
14.8	221	3.3	94.30	9500	PS 45 3S 071 B5	71L	4
15.5	212	3.4	180.70	9500	PS 45 3S 071 B5	71S	2
16.7	197	1.6	82.20	5500	PS 30 3S 071 B5	71L	4
16.7	197	2.4	82.20	7200	PS 35 3S 071 B5	71L	4
16.7	197	0.9	82.00	2610	PS 25 3S 071 B5	71L	4
18.7	176	1.8	73.30	5480	PS 30 3S 071 B5	71L	4
18.7	176	2.7	73.30	7200	PS 35 3S 071 B5	71L	4
19.7	167	1.1	69.60	2580	PS 25 3S 071 B5	71L	4
20.8	158	2.0	65.80	5340	PS 30 3S 071 B5	71L	4
20.8	158	3.0	65.80	7200	PS 35 3S 071 B5	71L	4
22.8	144	1.2	60.10	2630	PS 25 3S 071 B5	71L	4
25.4	130	2.5	54.00	5090	PS 30 3S 071 B5	71L	4
27.9	120	1.3	49.04	2560	PS 25 2S 071 B5	71L	4
29.6	111	2.9	46.20	4950	PS 30 3S 071 B5	71L	4
33.0	99	3.2	41.20	4800	PS 30 3S 071 B5	71L	4
34.0	99	1.6	40.29	2480	PS 25 2S 071 B5	71L	4
37.0	90	1.8	36.86	2440	PS 25 2S 071 B5	71L	4
40.0	81	1.1	69.20	1930	PS 20 3S 071 B5	71S	2
42.0	79	1.1	21.19	1900	PS 20 2S 080 B5	80S	6
44.0	77	2.1	31.27	2360	PS 25 2S 071 B5	71L	4
44.0	75	1.2	64.30	1910	PS 20 3S 071 B5	71S	2
44.0	76	1.1	31.71	1940	PS 20 2S 071 B5	71L	4

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
48.0	68	1.3	58.10	1810	PS 20 3S 071 B5	71S	2
50.0	67	1.2	28.13	1880	PS 20 2S 071 B5	71L	4
50.0	67	1.4	18.01	1740	PS 20 2S 080 B5	80S	6
53.0	63	2.5	25.75	2310	PS 25 2S 071 B5	71L	4
55.0	61	1.3	25.43	1780	PS 20 2S 071 B5	71L	4
57.0	59	1.4	49.52	1770	PS 20 2S 071 B5	71S	2
58.0	58	1.6	15.48	1670	PS 20 2S 080 B5	80S	6
63.0	54	1.5	44.77	1680	PS 20 2S 071 B5	71S	2
64.0	52	1.7	14.00	1580	PS 20 2S 080 B5	80S	6
65.0	52	3.1	21.16	2200	PS 25 2S 071 B5	71L	4
66.0	51	1.6	21.19	1620	PS 20 2S 071 B5	71L	4
71.0	47	3.4	19.35	2150	PS 25 2S 071 B5	71L	4
75.0	45	1.8	37.31	1530	PS 20 2S 071 B5	71S	2
77.0	44	2.1	11.67	1420	PS 20 2S 080 B5	80S	6
78.0	43	1.9	18.01	1490	PS 20 2S 071 B5	71L	4
88.0	38	2.1	31.71	1390	PS 20 2S 071 B5	71S	2
88.0	38	1.0	15.64	580	PS 16 2S 071 B5	71L	4
90.0	37	1.8	15.48	1540	PS 20 2S 071 B5	71L	4
91.0	37	2.4	9.92	1290	PS 20 2S 080 B5	80S	6
100.0	34	2.4	28.13	1350	PS 20 2S 071 B5	71S	2
100.0	34	1.9	14.00	1470	PS 20 2S 071 B5	71L	4
105.0	32	2.7	8.57	1240	PS 20 2S 080 B5	80S	6
110.0	30	2.6	25.43	1280	PS 20 2S 071 B5	71S	2
110.0	31	1.3	12.47	600	PS 16 2S 071 B5	71L	4
116.0	29	3.2	7.75	1160	PS 20 2S 080 B5	80S	6
120.0	28	2.3	11.67	1340	PS 20 2S 071 B5	71L	4
122.0	28	1.5	11.24	590	PS 16 2S 071 B5	71L	4
132.0	25	3.2	21.19	1150	PS 20 2S 071 B5	71S	2
141.0	24	2.7	9.92	1220	PS 20 2S 071 B5	71L	4
147.0	23	1.3	9.31	580	PS 16 2S 071 B5	71L	4
163.0	21	2.9	8.57	1210	PS 20 2S 071 B5	71L	4
180.0	19	1.9	15.64	560	PS 16 2S 071 B5	71S	2
181.0	19	3.0	15.48	1200	PS 20 2S 071 B5	71S	2
181.0	19	3.2	7.75	1150	PS 20 2S 071 B5	71L	4
185.0	18	1.7	7.41	570	PS 16 2S 071 B5	71L	4
200.0	17	3.2	14.00	1140	PS 20 2S 071 B5	71S	2
205.0	16	1.8	6.68	560	PS 16 2S 071 B5	71L	4
225.0	15	2.3	12.47	550	PS 16 2S 071 B5	71S	2
248.0	14	2.2	5.53	540	PS 16 2S 071 B5	71L	4
250.0	13	2.6	11.24	540	PS 16 2S 071 B5	71S	2
302.0	11	2.2	9.31	520	PS 16 2S 071 B5	71S	2
379.0	9	2.8	7.41	500	PS 16 2S 071 B5	71S	2
421.0	8	3.1	6.68	490	PS 16 2S 071 B5	71S	2
508.0	7	3.8	5.53	460	PS 16 2S 071 B5	71S	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.7	1033	1.3	190.30	15000	PS 55 3S 080 B5	80L	6
4.8	1018	2.3	187.50	22000	PS 60 3S 080 B5	80L	6
5.3	914	1.5	168.40	15000	PS 55 3S 080 B5	80L	6
5.4	910	2.5	167.70	22000	PS 60 3S 080 B5	80L	6
5.5	883	0.9	162.70	9500	PS 45 3S 080 B5	80L	6
6.0	815	1.7	150.20	15000	PS 55 3S 080 B5	80L	6
6.1	799	1.0	147.20	9500	PS 45 3S 080 B5	80L	6
6.6	741	3.1	136.60	22000	PS 60 3S 080 B5	80L	6
6.7	732	1.8	134.80	15000	PS 55 3S 080 B5	80L	6
6.9	705	1.0	202.10	9500	PS 45 3S 080 B5	80S	4
7.4	664	1.8	190.30	15000	PS 55 3S 080 B5	80S	4
7.4	657	3.5	121.0	22000	PS 60 3S 080 B5	80L	6
7.5	654	3.2	187.50	22000	PS 60 3S 080 B5	80S	4
7.7	630	1.1	180.70	9500	PS 45 3S 080 B5	80S	4
8.3	589	2.3	108.60	15000	PS 55 3S 080 B5	80L	6
8.5	573	1.4	105.50	9500	PS 45 3S 080 B5	80L	6
8.6	568	1.3	162.70	9500	PS 45 3S 080 B5	80S	4
9.3	526	2.6	96.90	15000	PS 55 3S 080 B5	80L	6
9.3	527	1.0	99.30	7200	PS 35 3S 080 B5	80L	6
9.3	524	2.3	150.20	15000	PS 55 3S 080 B5	80S	4
9.5	512	1.6	94.30	9500	PS 45 3S 080 B5	80L	6
10.2	477	1.0	134.70	7200	PS 35 3S 080 B5	80S	4
10.3	472	2.9	87.00	15000	PS 55 3S 080 B5	80L	6
10.4	470	2.6	134.80	15000	PS 55 3S 080 B5	80S	4
10.6	461	1.7	84.90	9500	PS 45 3S 080 B5	80L	6
11.4	428	1.1	120.90	7200	PS 35 3S 080 B5	80S	4
11.4	428	2.8	122.70	15000	PS 55 3S 080 B5	80S	4
11.6	421	3.2	77.50	15000	PS 55 3S 080 B5	80L	6
11.7	417	1.9	76.80	9500	PS 45 3S 080 B5	80L	6
12.6	389	1.4	73.30	7200	PS 35 3S 080 B5	80L	6
13.3	368	2.0	105.50	9500	PS 45 3S 080 B5	80S	4
13.9	352	0.9	99.30	5000	PS 30 3S 080 B5	80S	4
13.9	352	1.4	99.30	7200	PS 35 3S 080 B5	80S	4
13.9	353	2.0	202.10	9500	PS 45 3S 071 B5	71L	2
14.0	349	1.0	65.80	5080	PS 30 3S 080 B5	80L	6
14.4	340	2.4	62.70	9500	PS 45 3S 080 B5	80L	6
14.4	338	3.5	96.90	15000	PS 55 3S 080 B5	80S	4
14.8	329	2.2	94.30	9500	PS 45 3S 080 B5	80S	4
15.5	315	2.3	180.70	9500	PS 45 3S 071 B5	71L	2
16.0	304	2.6	56.10	9500	PS 45 3S 080 B5	80L	6
16.8	291	1.1	82.20	5060	PS 30 3S 080 B5	80S	4
16.8	291	1.6	82.20	7200	PS 35 3S 080 B5	80S	4
17.2	284	2.5	162.70	9500	PS 45 3S 071 B5	71L	2
17.8	274	2.9	50.50	9500	PS 45 3S 080 B5	80L	6
18.2	268	2.7	76.80	9500	PS 45 3S 080 B5	80S	4
18.8	259	1.9	73.30	7200	PS 35 3S 080 B5	80S	4
19.0	257	2.8	147.20	9500	PS 45 3S 071 B5	71L	2
19.7	248	3.2	45.70	9500	PS 45 3S 080 B5	80L	6
21.0	233	1.4	65.80	4870	PS 30 3S 080 B5	80S	4
21.0	233	2.1	65.80	7200	PS 35 3S 080 B5	80S	4
22.3	219	3.3	62.70	9500	PS 45 3S 080 B5	80S	4
25.5	191	1.7	54.00	4680	PS 30 3S 080 B5	80S	4
25.5	191	2.5	54.00	7200	PS 35 3S 080 B5	80S	4
28.1	177	0.9	49.04	2150	PS 25 2S 080 B5	80S	4
29.8	164	2.0	46.20	4630	PS 30 3S 080 B5	80S	4
34.0	146	2.2	41.20	4510	PS 30 3S 080 B5	80S	4
34.0	146	3.3	41.20	7200	PS 35 3S 080 B5	80S	4
34.0	146	1.1	40.29	2130	PS 25 2S 080 B5	80S	4
37.0	133	1.2	36.86	2120	PS 25 2S 080 B5	80S	4
37.0	133	2.4	36.82	4400	PS 30 2S 080 B5	80S	4

0.55 kW / 0.75 HP

 INDOSCULP

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.7	1408	1.0	190.30	15000	PS 55 3S 090 B5	90S	6
4.9	1358	1.7	187.50	22000	PS 60 3S 090 B5	90S	6
5.3	1246	1.1	168.40	15000	PS 55 3S 090 B5	90S	6
5.5	1214	1.9	167.70	22000	PS 60 3S 090 B5	90S	6
6.0	1112	1.2	150.20	15000	PS 55 3S 090 B5	90S	6
6.1	1093	2.1	151.00	22000	PS 60 3S 090 B5	90S	6
6.7	998	1.4	134.80	15000	PS 55 3S 090 B5	90S	6
6.7	989	2.3	136.60	22000	PS 60 3S 090 B5	90S	6
7.3	908	1.5	122.70	15000	PS 55 3S 090 B5	90S	6
7.4	905	1.3	190.30	15000	PS 55 3S 080 B5	80L	4
7.5	892	2.4	187.50	22000	PS 60 3S 090 B5	80L	4
7.6	876	2.6	121.00	22000	PS 60 3S 090 B5	90S	6
8.3	804	1.7	108.60	15000	PS 55 3S 090 B5	90S	6
8.3	798	2.6	167.70	22000	PS 60 3S 090 B5	80L	4
8.3	801	1.5	168.40	15000	PS 55 3S 080 B5	80L	4
8.5	781	1.0	105.50	9500	PS 45 3S 090 B5	90S	6
8.5	783	2.9	108.20	22000	PS 60 3S 090 B5	90S	6
8.6	774	0.9	162.70	9500	PS 45 3S 080 B5	80L	4
9.3	717	1.9	96.90	15000	PS 55 3S 090 B5	90S	6
9.3	718	2.9	151.00	22000	PS 60 3S 090 B5	80L	4
9.3	715	1.7	150.20	15000	PS 55 3S 080 B5	80L	4
9.4	705	3.3	97.40	22000	PS 60 3S 090 B5	90S	6
9.5	700	1.0	147.20	9500	PS 45 3S 080 B5	80L	4
9.5	698	1.1	94.30	9500	PS 45 3S 090 B5	90S	6
10.2	650	3.2	136.60	22000	PS 60 3S 090 B5	80L	4
10.2	652	3.5	88.10	22000	PS 60 3S 090 B5	80L	4
10.3	644	2.1	87.00	15000	PS 55 3S 090 B5	90S	6
10.4	641	1.9	134.80	15000	PS 55 3S 080 B5	80L	4
10.6	628	1.3	84.90	9500	PS 45 3S 090 B5	90S	6
11.4	584	2.1	122.70	15000	PS 55 3S 080 B5	80L	4
11.6	574	2.4	77.50	15000	PS 55 3S 090 B5	90S	6
11.7	568	1.4	76.80	9500	PS 45 3S 090 B5	90S	6
12.6	530	1.0	73.30	7200	PS 35 3S 090 B5	90S	6
12.9	517	2.3	108.60	15000	PS 55 3S 080 B5	80L	4
13.1	508	2.7	68.60	15000	PS 55 3S 090 B5	90S	6
13.3	502	1.4	105.50	9500	PS 45 3S 080 B5	80L	4
13.9	481	1.5	202.10	9500	PS 45 3S 080 B5	80S	2
14.0	476	1.1	65.80	7200	PS 35 3S 090 B5	90S	6
14.1	473	1.0	99.30	7200	PS 35 3S 080 B5	80L	4
14.4	464	1.7	62.70	9500	PS 45 3S 090 B5	90S	6
14.4	461	2.6	96.90	15000	PS 55 3S 080 B5	80L	4
14.7	453	3.0	61.20	15000	PS 55 3S 090 B5	90S	6
14.7	453	2.7	190.30	15000	PS 55 3S 080 B5	80S	2
14.8	449	1.6	94.30	9500	PS 45 3S 080 B5	80L	4
15.5	430	1.7	180.70	9500	PS 45 3S 080 B5	80S	2
16.0	415	1.9	56.10	9500	PS 45 3S 090 B5	90S	6
16.1	414	2.9	87.00	15000	PS 55 3S 080 B5	80L	4
16.4	406	3.3	54.90	15000	PS 55 3S 090 B5	90S	6
16.5	404	1.8	84.90	9500	PS 45 3S 080 B5	80L	4
16.6	401	3.0	168.40	15000	PS 55 3S 080 B5	80S	2
17.0	391	1.2	82.20	7200	PS 35 3S 080 B5	80L	4
17.2	387	1.9	162.70	9500	PS 45 3S 080 B5	80S	2
17.8	374	2.1	50.50	9500	PS 45 3S 090 B5	90S	6
18.1	369	3.3	77.50	15000	PS 55 3S 080 B5	80L	4
18.2	365	2.0	76.80	9500	PS 45 3S 080 B5	80L	4
18.6	357	3.4	150.20	15000	PS 55 3S 080 B5	80S	2
19.0	350	2.1	147.20	9500	PS 45 3S 080 B5	80S	2
19.1	349	0.9	73.30	4400	PS 30 3S 080 B5	80L	4
19.1	349	1.4	73.30	7200	PS 35 3S 080 B5	80L	4
19.7	338	2.4	45.70	9500	PS 45 3S 090 B5	90S	6

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
21.1	316	2.5	42.70	9500	PS 45 3S 090 B5	90S	6
21.3	313	1.0	65.80	4360	PS 30 3S 080 B5	80L	4
21.3	313	1.5	65.80	7200	PS 35 3S 080 B5	80L	4
22.3	298	2.4	62.70	9500	PS 45 3S 080 B5	80L	4
23.6	283	2.8	38.20	9500	PS 45 3S 090 B5	90S	6
25.0	267	2.7	56.10	9500	PS 45 3S 080 B5	80L	4
25.9	257	1.2	54.00	4240	PS 30 3S 080 B5	80L	4
25.9	257	1.9	54.00	7200	PS 35 3S 080 B5	80L	4
26.2	255	3.1	34.40	9500	PS 45 3S 090 B5	90S	6
26.5	251	2.9	105.50	9500	PS 45 3S 080 B5	80S	2
27.7	240	3.0	50.50	9500	PS 45 3S 080 B5	80L	4
30.0	220	1.5	46.20	4270	PS 30 3S 080 B5	80L	4
30.0	220	2.2	46.20	7200	PS 35 3S 080 B5	80L	4
34.0	196	1.6	41.20	4180	PS 30 3S 080 B5	80L	4
34.0	196	2.4	41.20	7200	PS 35 3S 080 B5	80L	4
38.0	179	1.8	36.82	4100	PS 30 2S 080 B5	80L	4
38.0	179	2.7	36.82	7200	PS 35 2S 080 B5	80L	4
43.0	159	2.0	32.80	4010	PS 30 2S 080 B5	80L	4
43.0	159	3.0	32.80	7200	PS 35 2S 080 B5	80L	4
45.0	152	1.1	31.27	1780	PS 25 2S 080 B5	80L	4
48.0	143	2.2	29.45	3920	PS 30 2S 080 B5	80L	4
48.0	143	3.4	29.45	7200	PS 35 2S 080 B5	80L	4
54.0	125	1.3	25.75	1850	PS 25 2S 080 B5	80L	4
58.0	118	2.7	24.19	3740	PS 30 2S 080 B5	80L	4
66.0	103	1.6	21.16	1820	PS 25 2S 080 B5	80L	4
72.0	94	1.7	19.35	1800	PS 25 2S 080 B5	80L	4
73.0	93	2.8	19.21	3600	PS 30 2S 080 B5	80L	4
77.0	88	1.0	11.67	1420	PS 20 2S 090 B5	90S	6
82.0	83	3.1	17.11	3500	PS 30 2S 080 B5	80L	4
85.0	80	2.0	16.42	1750	PS 25 2S 080 B5	80L	4
88.0	77	1.0	31.71	1390	PS 20 2S 080 B5	80S	2
91.0	75	3.5	15.37	3400	PS 30 2S 080 B5	80L	4
91.0	75	1.2	9.92	1290	PS 20 2S 090 B5	90S	6
100.0	68	1.9	14.01	1750	PS 25 2S 080 B5	80L	4
100.0	68	1.2	28.13	1350	PS 20 2S 080 B5	80S	2
100.0	68	1.0	14.00	1470	PS 20 2S 080 B5	80L	4
105.0	65	1.3	8.57	1240	PS 20 2S 090 B5	90S	6
110.0	62	1.3	25.43	1280	PS 20 2S 080 B5	80S	2
116.0	59	1.6	7.75	1160	PS 20 2S 090 B5	90S	6
120.0	57	1.1	11.67	1340	PS 20 2S 080 B5	80L	4
122.0	56	2.3	11.51	1680	PS 25 2S 080 B5	80L	4
132.0	51	1.6	21.19	1150	PS 20 2S 080 B5	80S	2
133.0	51	2.5	10.53	1650	PS 25 2S 080 B5	80L	4
139.0	49	1.9	6.46	1030	PS 20 2S 090 B5	90S	6
141.0	48	1.3	9.92	1220	PS 20 2S 080 B5	80L	4
155.0	44	1.9	18.01	1040	PS 20 2S 080 B5	80S	2
157.0	43	3.0	8.93	1590	PS 25 2S 080 B5	80L	4
164.0	42	2.1	5.49	920	PS 20 2S 090 B5	90S	6
178.0	38	3.1	7.88	1570	PS 25 2S 080 B5	80L	4
181.0	38	1.5	15.48	1200	PS 20 2S 080 B5	80S	2
181.0	38	1.6	7.75	1150	PS 20 2S 080 B5	80L	4
200.0	34	3.2	14.01	1530	PS 25 2S 080 B5	80S	2
200.0	34	1.6	14.00	1140	PS 20 2S 080 B5	80S	2
217.0	31	1.9	6.46	1040	PS 20 2S 080 B5	80L	4
240.0	28	2.0	11.67	1030	PS 20 2S 080 B5	80S	2
255.0	27	2.2	5.49	950	PS 20 2S 080 B5	80L	4
282.0	24	2.3	9.92	940	PS 20 2S 080 B5	80S	2
327.0	21	2.4	8.57	940	PS 20 2S 080 B5	80S	2
361.0	19	2.7	7.75	890	PS 20 2S 080 B5	80S	2
433.0	16	3.2	6.46	800	PS 20 2S 080 B5	80S	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
4.9	1992	1.2	187.50	22000	PS 60 3S 090 B5	90L	6
5.5	1781	1.3	167.70	22000	PS 60 3S 090 B5	90L	6
6.1	1603	1.4	151.00	22000	PS 60 3S 090 B5	90L	6
6.7	1463	0.9	134.80	15000	PS 55 3S 090 B5	90L	6
6.7	1450	1.6	136.60	22000	PS 60 3S 090 B5	90L	6
7.3	1332	1.0	122.70	15000	PS 55 3S 090 B5	90L	6
7.4	1328	0.9	190.30	15000	PS 55 3S 090 B5	90S	4
7.5	1309	1.6	187.50	22000	PS 60 3S 090 B5	90S	4
7.6	1285	1.8	121.00	22000	PS 60 3S 090 B5	90L	6
8.3	1179	1.1	108.60	15000	PS 55 3S 090 B5	90L	6
8.3	1170	1.8	167.70	22000	PS 60 3S 090 B5	90S	4
8.3	1175	1.0	168.40	15000	PS 55 3S 090 B5	90S	4
8.5	1149	2.0	108.20	22000	PS 60 3S 090 B5	90L	6
9.3	1052	1.3	96.90	15000	PS 55 3S 090 B5	90L	6
9.3	1053	2.0	151.00	22000	PS 60 3S 090 B5	90S	4
9.3	1048	1.1	150.20	15000	PS 55 3S 090 B5	90S	4
9.4	1034	2.2	97.40	22000	PS 60 3S 090 B5	90L	6
10.3	953	2.2	136.60	22000	PS 60 3S 090 B5	90S	4
10.3	944	1.4	87.00	15000	PS 55 3S 090 B5	90L	6
10.4	941	1.3	134.80	15000	PS 55 3S 090 B5	90S	4
10.4	936	2.5	88.10	22000	PS 60 3S 090 B5	90L	6
11.4	856	1.4	122.70	15000	PS 55 3S 090 B5	90S	4
11.6	844	2.5	121.00	22000	PS 60 3S 090 B5	90S	4
11.6	841	1.6	77.50	15000	PS 55 3S 090 B5	90L	6
11.7	834	1.0	76.80	9500	PS 45 3S 090 B5	90L	6
11.8	829	2.8	76.40	22000	PS 60 3S 090 B5	90L	6
12.9	758	1.6	108.60	15000	PS 55 3S 090 B5	90S	4
12.9	755	2.8	108.20	22000	PS 60 3S 090 B5	90S	4
13.1	745	1.8	68.60	15000	PS 55 3S 090 B5	90L	6
13.2	741	3.1	68.30	21170	PS 60 3S 090 B5	90L	6
13.3	736	1.0	105.50	9500	PS 45 3S 090 B5	90S	4
13.9	705	1.0	202.10	9500	PS 45 3S 080 B5	80L	2
14.4	681	1.2	62.70	9500	PS 45 3S 090 B5	90L	6
14.4	680	3.1	97.40	22000	PS 60 3S 090 B5	90S	4
14.4	676	1.8	96.90	15000	PS 55 3S 090 B5	90S	4
14.5	668	3.4	61.50	20140	PS 60 3S 090 B5	90L	6
14.7	664	2.0	61.20	15000	PS 55 3S 090 B5	90L	6
14.7	664	1.8	190.30	15000	PS 55 3S 080 B5	80L	2
14.8	658	1.1	94.30	9500	PS 45 3S 090 B5	90S	4
15.5	630	1.1	180.70	9500	PS 45 3S 080 B5	80L	2
15.9	615	3.4	88.10	22000	PS 60 3S 090 B5	90S	4
16.0	609	1.3	56.10	9500	PS 45 3S 090 B5	90L	6
16.1	607	2.0	87.00	15000	PS 55 3S 090 B5	90S	4
16.4	596	2.3	54.90	15000	PS 55 3S 090 B5	90L	6
16.5	592	1.2	84.90	9500	PS 45 3S 090 B5	90S	4
16.6	588	2.0	168.40	15000	PS 55 3S 080 B5	80L	2
17.2	568	1.3	162.70	9500	PS 45 3S 080 B5	80L	2
17.8	548	1.5	50.50	9500	PS 45 3S 090 B5	90L	6
18.1	541	2.2	77.50	15000	PS 55 3S 090 B5	90S	4
18.2	536	1.3	76.80	9500	PS 45 3S 090 B5	90S	4
18.6	524	2.3	150.20	15000	PS 55 3S 080 B5	80L	2
19.0	514	1.4	147.20	9500	PS 45 3S 080 B5	80L	2
19.1	511	0.9	73.30	7200	PS 35 3S 090 B5	90S	4
19.7	496	1.6	45.70	9500	PS 45 3S 090 B5	90L	6
20.4	479	2.5	68.60	15000	PS 55 3S 090 B5	90S	4
20.8	470	2.6	134.80	15000	PS 55 3S 080 B5	80L	2
21.1	464	1.7	42.70	9500	PS 45 3S 090 B5	90L	6
21.3	459	1.0	65.80	7200	PS 35 3S 090 B5	90S	4
21.4	457	3.0	42.10	15000	PS 55 3S 090 B5	90L	6
22.3	438	1.6	62.70	9500	PS 45 3S 090 B5	90S	4

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
22.8	428	2.8	122.70	15000	PS 55 3S 080 B5	80L	2
22.9	427	2.8	61.20	15000	PS 55 3S 090 B5	90S	4
23.6	415	1.9	38.20	9500	PS 45 3S 090 B5	90L	6
24.2	404	3.3	37.20	15000	PS 55 3S 090 B5	90L	6
25.0	391	1.8	56.10	9500	PS 45 3S 090 B5	90S	4
25.5	383	3.1	54.90	15000	PS 55 3S 090 B5	90S	4
25.8	379	3.2	108.60	15000	PS 55 3S 080 B5	80L	2
25.9	377	1.3	54.00	7200	PS 35 3S 090 B5	90S	4
26.2	373	2.1	34.40	9500	PS 45 3S 090 B5	90L	6
26.5	368	2.0	105.50	9500	PS 45 3S 080 B5	80L	2
27.7	352	2.0	50.50	9500	PS 45 3S 090 B5	90S	4
28.9	338	3.5	96.90	15000	PS 55 3S 080 B5	80L	2
28.9	338	2.4	31.10	9500	PS 45 3S 090 B5	90L	6
29.7	329	2.2	94.30	9500	PS 45 3S 080 B5	80L	2
30.0	323	1.0	46.20	3670	PS 30 3S 090 B5	90S	4
30.0	323	1.5	46.20	7200	PS 35 3S 090 B5	90S	4
31.0	319	2.3	45.70	9500	PS 45 3S 090 B5	90S	4
33.0	298	2.4	42.70	9500	PS 45 3S 090 B5	90S	4
33.0	296	2.4	84.90	9500	PS 45 3S 080 B5	80L	2
33.0	304	2.4	27.45	9500	PS 45 2S 090 B5	90L	6
34.0	287	1.1	41.20	3640	PS 30 3S 090 B5	90S	4
34.0	287	1.7	41.20	7200	PS 35 3S 090 B5	90S	4
36.0	268	2.7	76.80	9500	PS 45 3S 080 B5	80L	2
37.0	267	2.7	38.20	9500	PS 45 3S 090 B5	90S	4
37.0	272	2.6	24.55	9500	PS 45 2S 090 B5	90L	6
38.0	262	1.2	36.82	3610	PS 30 2S 090 B5	90S	4
38.0	262	1.8	36.82	7200	PS 35 2S 090 B5	90S	4
41.0	240	3.0	34.40	9500	PS 45 3S 090 B5	90S	4
41.0	245	2.9	22.09	9100	PS 45 2S 090 B5	90L	6
43.0	234	1.4	32.80	3560	PS 30 2S 090 B5	90S	4
43.0	234	2.1	32.80	7200	PS 35 2S 090 B5	90S	4
45.0	217	3.3	31.10	9400	PS 45 3S 090 B5	90S	4
45.0	219	3.3	62.70	9500	PS 45 3S 080 B5	80L	2
45.0	222	3.2	19.99	8700	PS 45 2S 090 B5	90L	6
48.0	210	1.5	29.45	3510	PS 30 2S 090 B5	90S	4
48.0	210	2.3	29.45	7200	PS 35 2S 090 B5	90S	4
51.0	196	3.3	17.70	8400	PS 45 2S 090 B5	90L	6
58.0	172	1.9	24.19	3400	PS 30 2S 090 B5	90S	4
58.0	172	2.8	24.19	7200	PS 35 2S 090 B5	90S	4
66.0	151	1.1	21.16	1470	PS 25 2S 090 B5	90S	4
72.0	138	1.2	19.35	1480	PS 25 2S 090 B5	90S	4
73.0	137	1.9	19.21	3350	PS 30 2S 090 B5	90S	4
73.0	137	2.9	19.21	7200	PS 35 2S 090 B5	90S	4
82.0	122	2.1	17.11	3260	PS 30 2S 090 B5	90S	4
82.0	122	3.3	17.11	7200	PS 35 2S 090 B5	90S	4
85.0	117	1.4	16.42	1470	PS 25 2S 090 B5	90S	4
91.0	110	2.4	15.37	3190	PS 30 2S 090 B5	90S	4
111.0	90	2.9	12.62	3040	PS 30 2S 090 B5	90S	4
122.0	82	1.6	11.51	1500	PS 25 2S 090 B5	90S	4
123.0	81	3.2	11.43	3010	PS 30 2S 090 B5	90S	4
132.0	76	1.1	21.19	1150	PS 20 2S 080 B5	80L	2
133.0	75	1.7	10.53	1480	PS 25 2S 090 B5	90S	4
155.0	64	1.3	18.01	1040	PS 20 2S 080 B5	80L	2
157.0	64	2.0	8.93	1440	PS 25 2S 090 B5	90S	4
163.0	61	1.0	8.57	1210	PS 20 2S 090 B5	90S	4
171.0	59	2.7	16.42	1430	PS 25 2S 080 B5	80L	2
178.0	56	2.1	7.88	1440	PS 25 2S 090 B5	90S	4
181.0	55	1.0	15.48	1200	PS 20 2S 080 B5	80L	2
181.0	55	1.1	7.75	1150	PS 20 2S 090 B5	90S	4
200.0	50	2.2	14.01	1420	PS 25 2S 080 B5	80L	2

[illegible]

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
5.6	2377	1.0	167.70	22000	PS 60 3S 100 B5	100L	6
6.2	2139	1.1	151.00	22000	PS 60 3S 100 B5	100L	6
6.9	1936	1.2	136.60	22000	PS 60 3S 100 B5	100L	6
7.5	1772	1.2	187.50	22000	PS 60 3S 090 B5	90L	4
7.8	1715	1.3	121.00	22000	PS 60 3S 100 B5	100L	6
8.4	1585	1.3	167.70	22000	PS 60 3S 090 B5	90L	4
8.7	1533	1.5	108.20	22000	PS 60 3S 100 B5	100L	6
9.3	1434	0.9	96.90	15000	PS 55 3S 100 B5	100L	6
9.3	1426	1.5	151.00	22000	PS 60 3S 090 B5	90L	4
9.7	1380	1.7	97.40	22000	PS 60 3S 100 B5	100L	6
10.3	1290	1.6	136.60	22000	PS 60 3S 090 B5	90L	4
10.3	1288	1.0	87.00	15000	PS 55 3S 100 B5	100L	6
10.4	1283	0.9	134.80	15000	PS 55 3S 090 B5	90L	4
10.7	1249	1.8	88.10	22000	PS 60 3S 100 B5	100L	6
11.4	1168	1.0	122.70	15000	PS 55 3S 090 B5	90L	4
11.6	1147	1.2	77.50	15000	PS 55 3S 100 B5	100L	6
11.7	1143	1.8	121.00	22000	PS 60 3S 090 B5	90L	4
12.3	1083	2.1	76.40	22000	PS 60 3S 100 B5	100L	6
12.9	1033	1.2	108.60	15000	PS 55 3S 090 B5	90L	4
13.0	1022	2.1	108.20	22000	PS 60 3S 090 B5	90L	4
13.1	1015	1.3	68.60	15000	PS 55 3S 100 B5	100L	6
13.8	968	2.4	68.30	22000	PS 60 3S 100 B5	100L	6
14.4	922	1.3	96.90	15000	PS 55 3S 090 B5	90L	4
14.5	920	2.3	97.40	22000	PS 60 3S 090 B5	90L	4
14.6	910	2.5	61.50	20140	PS 60 3S 100 B5	100L	6
14.7	906	1.5	61.20	15000	PS 55 3S 100 B5	100L	6
14.7	905	1.3	190.30	15000	PS 55 3S 090 B5	90S	2
14.9	892	2.4	187.50	20900	PS 60 3S 090 B5	90S	2
16.0	830	1.0	56.10	9500	PS 45 3S 100 B5	100L	6
16.0	832	2.5	88.10	22000	PS 60 3S 090 B5	90L	4
16.1	828	1.4	87.00	15000	PS 55 3S 090 B5	90L	4
16.2	823	2.8	55.60	19170	PS 60 3S 100 B5	100L	6
16.4	813	1.7	54.90	15000	PS 55 3S 100 B5	100L	6
16.6	801	1.5	168.40	15000	PS 55 3S 090 B5	90S	2
16.7	798	2.6	167.70	19800	PS 60 3S 090 B5	90S	2
17.8	748	1.1	50.50	9500	PS 45 3S 100 B5	100L	6
18.1	737	1.6	77.50	15000	PS 55 3S 090 B5	90L	4
18.2	731	1.0	76.80	9500	PS 45 3S 090 B5	90L	4
18.3	727	2.9	76.40	22000	PS 60 3S 090 B5	90L	4
18.5	718	2.9	151.0	18900	PS 60 3S 090 B5	90S	2
18.6	715	1.7	150.20	15000	PS 55 3S 090 B5	90S	2
19.0	700	1.0	147.20	9500	PS 45 3S 090 B5	90S	2
19.7	676	1.2	45.70	9500	PS 45 3S 100 B5	100L	6
20.4	653	1.8	68.60	15000	PS 55 3S 090 B5	90L	4
20.5	650	3.2	136.60	18000	PS 60 3S 090 B5	90S	2
20.5	650	3.2	68.30	22000	PS 60 3S 090 B5	90L	4
20.8	641	1.9	134.80	15000	PS 55 3S 090 B5	90S	2
21.1	632	1.3	42.70	9500	PS 45 3S 100 B5	100L	6
21.4	623	2.2	42.10	15000	PS 55 3S 100 B5	100L	6
22.3	597	1.2	62.70	9500	PS 45 3S 090 B5	90L	4
22.8	584	2.1	122.70	15000	PS 55 3S 090 B5	90S	2
22.9	582	2.1	61.20	15000	PS 55 3S 090 B5	90L	4
23.6	565	1.4	38.20	9500	PS 45 3S 100 B5	100L	6
24.2	551	2.5	37.20	15000	PS 55 3S 100 B5	100L	6
25.0	534	1.3	56.10	9500	PS 45 3S 090 B5	90L	4
25.5	522	2.3	54.90	15000	PS 55 3S 090 B5	90L	4
25.8	517	2.3	108.60	15000	PS 55 3S 090 B5	90S	2
26.1	511	0.9	54.00	7200	PS 35 3S 090 B5	90L	4
26.2	509	1.6	34.40	9500	PS 45 3S 100 B5	100L	6
26.5	502	1.4	105.50	9500	PS 45 3S 090 B5	90S	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
27.1	491	2.7	33.20	15000	PS 55 3S 100 B5	100L	6
27.7	481	1.5	50.50	9500	PS 45 3S 090 B5	90L	4
28.9	461	2.6	96.90	15000	PS 55 3S 090 B5	90S	2
28.9	460	1.7	31.10	9500	PS 45 3S 100 B5	100L	6
29.7	449	1.6	94.30	9500	PS 45 3S 090 B5	90S	2
30.0	437	1.1	46.20	7200	PS 35 3S 090 B5	90L	4
30.2	441	3.1	29.80	15000	PS 55 3S 100 B5	100L	6
31.0	435	1.7	45.70	9500	PS 45 3S 090 B5	90L	4
32.2	414	2.9	87.00	15000	PS 55 3S 090 B5	90S	2
33.0	406	1.8	42.70	9500	PS 45 3S 090 B5	90L	4
33.0	404	1.8	84.90	9500	PS 45 3S 090 B5	90S	2
33.0	415	1.7	27.45	9500	PS 45 2S 100 B5	100L	6
33.3	401	3.0	42.10	15000	PS 55 3S 090 B5	90L	4
34.0	389	1.2	41.20	7200	PS 35 3S 090 B5	90L	4
34.8	391	3.1	25.84	15000	PS 55 2S 100 B5	100L	6
36.1	369	3.3	77.50	15000	PS 55 3S 090 B5	90S	2
37.0	364	2.0	38.20	9500	PS 45 3S 090 B5	90L	4
37.0	365	2.0	76.80	9500	PS 45 3S 090 B5	90S	2
37.0	371	1.9	24.55	9500	PS 45 2S 100 B5	100L	6
37.6	354	3.4	37.20	15000	PS 55 3S 090 B5	90L	4
38.0	355	0.9	36.82	3060	PS 30 2S 090 B5	90L	4
38.0	355	1.4	36.82	7200	PS 35 2S 090 B5	90L	4
39.4	346	3.5	22.87	15000	PS 55 2S 100 B5	100L	6
41.0	327	2.2	34.40	9500	PS 45 3S 090 B5	90L	4
41.0	334	2.2	22.09	9100	PS 45 2S 100 B5	100L	6
43.0	317	1.0	32.80	3060	PS 30 2S 090 B5	90L	4
43.0	317	1.5	32.80	7200	PS 35 2S 090 B5	90L	4
45.0	296	2.4	31.10	9400	PS 45 3S 090 B5	90L	4
45.0	298	2.4	62.70	9500	PS 45 3S 090 B5	90S	2
45.0	302	2.4	19.99	8700	PS 45 2S 100 B5	100L	6
48.0	284	1.1	29.45	3050	PS 30 2S 090 B5	90L	4
48.0	284	1.7	29.45	7200	PS 35 2S 090 B5	90L	4
50.0	267	2.7	56.10	9200	PS 45 3S 090 B5	90S	2
51.0	267	2.7	27.45	8400	PS 45 2S 090 B5	90L	4
51.0	268	2.4	17.70	8400	PS 45 2S 100 B5	100L	6
55.0	240	3.0	50.50	8800	PS 45 3S 090 B5	90S	2
57.0	239	3.0	24.55	8000	PS 45 2S 090 B5	90L	4
57.0	239	2.7	15.83	8000	PS 45 2S 100 B5	100L	6
58.0	234	1.4	24.19	3000	PS 30 2S 090 B5	90L	4
58.0	234	2.1	24.19	7200	PS 35 2S 090 B5	90L	4
61.0	217	3.3	45.70	8350	PS 45 3S 090 B5	90S	2
63.0	215	3.0	14.25	7600	PS 45 2S 100 B5	100L	6
70.0	195	3.3	12.89	7200	PS 45 2S 100 B5	100L	6
73.0	185	1.4	19.21	3050	PS 30 2S 090 B5	90L	4
73.0	185	2.2	19.21	7200	PS 35 2S 090 B5	90L	4
82.0	165	1.6	17.11	3000	PS 30 2S 090 B5	90L	4
82.0	165	2.4	17.11	7200	PS 35 2S 090 B5	90L	4
92.0	148	1.8	15.37	2940	PS 30 2S 090 B5	90L	4
92.0	148	2.7	15.37	7200	PS 35 2S 090 B5	90L	4
101.0	135	1.0	14.01	1270	PS 25 2S 090 B5	90L	4
112.0	122	2.1	12.62	2860	PS 30 2S 090 B5	90L	4
112.0	122	3.3	12.62	7200	PS 35 2S 090 B5	90L	4
122.0	111	1.2	11.51	1280	PS 25 2S 090 B5	90L	4
123.0	110	2.4	11.43	2830	PS 30 2S 090 B5	90L	4
134.0	102	1.3	10.53	1280	PS 25 2S 090 B5	90L	4
138.0	98	2.6	10.18	2760	PS 30 2S 090 B5	90L	4
154.0	88	2.9	9.14	2700	PS 30 2S 090 B5	90L	4
158.0	86	1.5	8.93	1270	PS 25 2S 090 B5	90L	4
164.0	83	2.9	17.11	2670	PS 30 2S 090 B5	90S	2
171.0	80	2.0	16.42	1270	PS 25 2S 090 B5	90S	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
7.7	2542	0.9	121.00	22000	PS 60 3S 112 B5	112M	6
8.4	2324	0.9	167.70	22000	PS 60 3S 100 B5	100L	4
8.6	2273	1.0	108.20	22000	PS 60 3S 112 B5	112M	6
9.3	2092	1.0	151.00	22000	PS 60 3S 100 B5	100L	4
9.6	2046	1.1	97.40	22000	PS 60 3S 112 B5	112M	6
10.3	1893	1.1	136.60	22000	PS 60 3S 100 B5	100L	4
10.6	1851	1.2	88.10	22000	PS 60 3S 112 B5	112M	6
11.7	1677	1.3	121.00	22000	PS 60 3S 100 B5	100L	4
12.2	1605	1.4	76.40	22000	PS 60 3S 112 B5	112M	6
13.0	1499	1.4	108.20	22000	PS 60 3S 100 B5	100L	4
13.1	1489	0.9	68.60	15000	PS 55 3S 112 B5	112M	6
13.6	1436	1.6	68.30	22000	PS 60 3S 112 B5	112M	6
14.4	1352	0.9	96.90	15000	PS 55 3S 100 B5	100L	4
14.5	1349	1.6	97.40	22000	PS 60 3S 100 B5	100L	4
14.6	1335	1.7	61.50	22000	PS 60 3S 112 B5	112M	6
14.7	1329	1.0	61.20	15000	PS 55 3S 112 B5	112M	6
14.7	1328	0.9	190.30	15000	PS 55 3S 090 B5	90L	2
14.9	1308	1.6	187.50	20900	PS 60 3S 090 B5	90L	2
16.0	1221	1.7	88.10	22000	PS 60 3S 100 B5	100L	4
16.1	1214	1.0	87.00	15000	PS 55 3S 100 B5	100L	4
16.2	1207	1.9	55.60	22000	PS 60 3S 112 B5	112M	6
16.4	1192	1.1	54.90	15000	PS 55 3S 112 B5	112M	6
16.6	1175	1.0	168.40	15000	PS 55 3S 090 B5	90L	2
16.7	1170	1.8	167.70	19800	PS 60 3S 090 B5	90L	2
18.1	1082	1.1	77.50	15000	PS 55 3S 100 B5	100L	4
18.5	1059	2.0	76.40	22000	PS 60 3S 100 B5	100L	4
18.5	1054	2.0	151.00	18900	PS 60 3S 090 B5	90L	2
18.6	1048	1.1	150.20	15000	PS 55 3S 090 B5	90L	2
20.4	957	1.3	68.60	15000	PS 55 3S 100 B5	100L	4
20.5	953	2.2	136.60	18000	PS 60 3S 090 B5	90L	2
20.6	947	2.2	68.30	21500	PS 60 3S 100 B5	100L	4
20.8	941	1.3	134.80	15000	PS 55 3S 090 B5	90L	2
21.1	927	0.9	42.70	9500	PS 45 3S 112 B5	112M	6
21.4	914	1.5	42.10	15000	PS 55 3S 112 B5	112M	6
21.7	901	2.6	41.50	22000	PS 60 3S 112 B5	112M	6
22.8	856	1.4	122.70	15000	PS 55 3S 090 B5	90L	2
22.9	854	1.4	61.20	15000	PS 55 3S 100 B5	100L	4
22.9	852	2.5	61.50	20900	PS 60 3S 100 B5	100L	4
23.1	844	2.5	121.00	17600	PS 60 3S 090 B5	90L	2
23.6	829	1.0	38.20	9500	PS 45 3S 112 B5	112M	6
24.2	808	1.7	37.20	15000	PS 55 3S 112 B5	112M	6
24.3	805	2.9	37.10	22000	PS 60 3S 112 B5	112M	6
25.0	783	0.9	56.10	9500	PS 45 3S 100 B5	100L	4
25.3	771	2.7	55.60	20400	PS 60 3S 100 B5	100L	4
25.5	766	1.6	54.90	15000	PS 55 3S 100 B5	100L	4
25.8	758	1.6	108.60	15000	PS 55 3S 090 B5	90L	2
25.9	755	2.8	108.20	16700	PS 60 3S 090 B5	90L	2
26.2	747	1.1	34.40	9500	PS 45 3S 112 B5	112M	6
26.5	736	1.0	105.50	9500	PS 45 3S 090 B5	90L	2
26.9	725	3.2	33.40	22000	PS 60 3S 112 B5	112M	6
27.1	721	1.9	33.20	15000	PS 55 3S 112 B5	112M	6
27.7	705	1.0	50.50	9500	PS 45 3S 100 B5	100L	4
28.7	698	3.1	97.40	15800	PS 60 3S 090 B5	90L	2
28.9	676	1.8	96.90	15000	PS 55 3S 090 B5	90L	2
28.9	675	1.2	31.10	9500	PS 45 3S 112 B5	112M	6
29.7	658	1.1	94.30	9500	PS 45 3S 090 B5	90L	2
29.8	656	3.5	30.20	20900	PS 60 3S 112 B5	112M	6
30.2	647	2.1	29.80	15000	PS 55 3S 112 B5	112M	6
31.0	638	1.1	45.70	9500	PS 45 3S 100 B5	100L	4
31.8	615	3.4	88.10	15000	PS 60 3S 090 B5	90L	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
32.2	607	2.0	87.00	15000	PS 55 3S 090 B5	90L	2
33.0	596	1.2	42.70	9500	PS 45 3S 100 B5	100L	4
33.0	592	1.2	84.90	9500	PS 45 3S 090 B5	90L	2
33.0	609	1.2	27.45	9500	PS 45 2S 112 B5	112M	6
33.3	588	2.0	42.10	15000	PS 55 3S 100 B5	100L	4
34.8	573	2.1	25.84	15000	PS 55 2S 112 B5	112M	6
36.0	536	1.3	76.80	9500	PS 45 3S 090 B5	90L	2
36.1	541	2.2	77.50	15000	PS 55 3S 090 B5	90L	2
37.0	533	1.3	38.20	9500	PS 45 3S 100 B5	100L	4
37.0	544	1.3	24.55	9500	PS 45 2S 112 B5	112M	6
37.6	519	2.3	37.20	15000	PS 55 3S 100 B5	100L	4
38.0	521	0.9	36.82	7200	PS 35 2S 100 B5	100L	4
39.4	507	2.4	22.87	15000	PS 55 2S 112 B5	112M	6
40.8	479	2.5	68.60	15000	PS 55 3S 090 B5	90L	2
41.0	480	1.5	34.40	9500	PS 45 3S 100 B5	100L	4
41.0	490	1.5	22.09	9100	PS 45 2S 112 B5	112M	6
42.2	463	2.6	33.20	15000	PS 55 3S 100 B5	100L	4
43.0	464	1.0	32.80	7200	PS 35 2S 100 B5	100L	4
44.1	452	2.7	20.40	15000	PS 55 2S 112 B5	112M	6
45.0	434	1.7	31.10	9400	PS 45 3S 100 B5	100L	4
45.0	438	1.6	62.70	9500	PS 45 3S 090 B5	90L	2
45.0	443	1.6	19.99	8700	PS 45 2S 112 B5	112M	6
45.8	427	2.8	61.20	15000	PS 55 3S 090 B5	90L	2
47.0	416	2.9	29.80	15000	PS 55 3S 100 B5	100L	4
48.0	417	1.2	29.45	7200	PS 35 2S 100 B5	100L	4
49.2	406	3.0	18.31	14610	PS 55 2S 112 B5	112M	6
50.0	391	1.8	56.10	9200	PS 45 3S 090 B5	90L	2
51.0	391	1.8	27.45	8400	PS 45 2S 100 B5	100L	4
51.0	393	1.7	17.70	8400	PS 45 2S 112 B5	112M	6
51.0	383	3.1	54.90	15000	PS 55 3S 090 B5	90L	2
54.2	368	3.3	25.84	14400	PS 55 2S 100 B5	100L	4
55.0	352	2.0	50.50	8800	PS 45 3S 090 B5	90L	2
56.4	354	3.4	15.96	14170	PS 55 2S 112 B5	112M	6
57.0	350	2.1	24.55	8000	PS 45 2S 100 B5	100L	4
57.0	351	1.9	15.83	8000	PS 45 2S 112 B5	112M	6
58.0	342	0.9	24.19	2320	PS 30 2S 100 B5	100L	4
58.0	342	1.4	24.19	7200	PS 35 2S 100 B5	100L	4
61.0	319	2.3	45.70	8350	PS 45 3S 090 B5	90L	2
63.0	315	2.3	22.09	7500	PS 45 2S 100 B5	100L	4
63.0	316	2.1	14.25	7600	PS 45 2S 112 B5	112M	6
66.0	298	2.4	42.70	8300	PS 45 3S 090 B5	90L	2
70.0	285	2.5	19.99	7200	PS 45 2S 100 B5	100L	4
70.0	286	2.3	12.89	7200	PS 45 2S 112 B5	112M	6
73.0	272	1.0	19.21	2540	PS 30 2S 100 B5	100L	4
73.0	272	1.5	19.21	7200	PS 35 2S 100 B5	100L	4
73.0	267	2.7	38.20	7900	PS 45 3S 090 B5	90L	2
79.0	252	2.6	17.70	7300	PS 45 2S 100 B5	100L	4
81.0	248	2.6	11.18	6900	PS 45 2S 112 B5	112M	6
82.0	242	1.1	17.11	2540	PS 30 2S 100 B5	100L	4
82.0	242	1.7	17.11	7200	PS 35 2S 100 B5	100L	4
88.0	226	2.9	15.83	6900	PS 45 2S 100 B5	100L	4
90.0	217	3.3	31.10	7150	PS 45 3S 090 B5	90L	2
90.0	222	2.9	10.00	6500	PS 45 2S 112 B5	112M	6
92.0	218	1.2	15.37	2520	PS 30 2S 100 B5	100L	4
92.0	218	1.8	15.37	7200	PS 35 2S 100 B5	100L	4
98.0	203	3.2	14.25	6500	PS 45 2S 100 B5	100L	4
100.0	200	3.3	9.00	6200	PS 45 2S 112 B5	112M	6
112.0	179	1.5	12.62	2480	PS 30 2S 100 B5	100L	4
112.0	179	2.2	12.62	7200	PS 35 2S 100 B5	100L	4
123.0	162	1.6	11.43	2530	PS 30 2S 100 B5	100L	4

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n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
10.7	2497	0.9	88.10	22000	PS 60 3S 132 B5	132S	6
11.7	2286	0.9	121.00	22000	PS 60 3S 100 B5	100L	4
12.3	2166	1.1	76.40	22000	PS 60 3S 132 B5	132S	6
13.0	2045	1.0	108.20	21900	PS 60 3S 100 B5	100L	4
13.8	1937	1.2	68.30	21800	PS 60 3S 132 B5	132S	6
14.5	1840	1.1	97.40	21500	PS 60 3S 100 B5	100L	4
14.6	1821	1.3	61.50	20140	PS 60 3S 132 B5	132S	6
14.9	1784	1.2	187.50	20900	PS 30 2S 100 B5	100L	2
16.0	1665	1.3	88.10	21100	PS 60 3S 100 B5	100L	4
16.2	1646	1.4	55.60	19170	PS 60 3S 132 B5	132S	6
16.7	1596	1.3	167.70	19800	PS 30 2S 100 B5	100L	2
18.5	1444	1.5	76.40	21000	PS 60 3S 100 B5	100L	4
18.5	1437	1.5	151.00	18900	PS 30 2S 100 B5	100L	2
20.4	1306	0.9	68.60	15000	PS 55 3S 100 B5	100L	4
20.5	1300	1.6	136.60	18000	PS 30 2S 100 B5	100L	2
20.6	1291	1.6	68.30	20500	PS 60 3S 100 B5	100L	4
20.8	1283	0.9	134.80	15000	PS 55 3S 100 B5	100L	2
21.7	1229	1.9	41.50	17480	PS 60 3S 132 B5	132S	6
22.8	1168	1.0	122.70	15000	PS 55 3S 100 B5	100L	2
22.9	1165	1.0	61.20	15000	PS 55 3S 100 B5	100L	4
22.9	1162	1.8	61.50	20000	PS 60 3S 100 B5	100L	4
23.1	1151	1.8	121.00	17600	PS 30 2S 100 B5	100L	2
24.3	1098	2.1	37.10	16530	PS 60 3S 132 B5	132S	6
25.3	1051	2.0	55.60	19600	PS 60 3S 100 B5	100L	4
25.5	1045	1.1	54.90	15000	PS 55 3S 100 B5	100L	4
25.8	1033	1.2	108.60	15000	PS 55 3S 100 B5	100L	2
25.9	1030	2.0	108.20	16700	PS 30 2S 100 B5	100L	2
26.9	989	2.3	33.40	15650	PS 60 3S 132 B5	132S	6
28.7	927	2.3	97.40	15800	PS 30 2S 100 B5	100L	2
28.9	922	1.3	96.90	15000	PS 55 3S 100 B5	100L	2
29.8	894	2.6	30.20	14810	PS 60 3S 132 B5	132S	6
31.8	838	2.5	88.10	15000	PS 30 2S 100 B5	100L	2
32.2	828	1.4	87.00	15000	PS 55 3S 100 B5	100L	2
33.3	801	1.5	42.10	15000	PS 55 3S 100 B5	100L	4
34.0	784	2.7	41.50	18600	PS 60 3S 100 B5	100L	4
34.8	781	1.5	25.84	15000	PS 55 2S 132 B5	132S	6
36.0	731	1.0	76.80	9500	PS 45 3S 100 B5	100L	2
36.1	737	1.6	77.50	15000	PS 55 3S 100 B5	100L	2
36.6	727	2.9	76.40	14600	PS 30 2S 100 B5	100L	2
37.0	727	1.0	38.20	9500	PS 45 3S 100 B5	100L	4
37.6	708	1.7	37.20	15000	PS 55 3S 100 B5	100L	4
38.0	701	3.0	37.10	18100	PS 60 3S100 B5	100L	4
39.4	692	1.7	22.87	15000	PS 55 2S 132 B5	132S	6
40.8	653	1.8	68.60	15000	PS 55 3S 100 B5	100L	2
41.0	655	1.1	34.40	9500	PS 45 3S 100 B5	100L	4
41.0	650	3.2	68.30	13800	PS 30 2S 100 B5	100L	2
42.0	631	3.3	33.40	17600	PS 60 3S100 B5	100L	4
42.2	632	1.9	33.20	15000	PS 55 3S 100 B5	100L	4
44.1	617	1.9	20.40	15000	PS 55 2S 132 B5	132S	6
45.0	592	1.2	31.10	9400	PS 45 3S 100 B5	100L	4
45.0	597	1.2	62.70	9500	PS 45 3S 100 B5	100L	2
45.8	582	2.1	61.20	15000	PS 55 3S 100 B5	100L	2
47.0	567	2.1	29.80	15000	PS 55 3S 100 B5	100L	4
49.2	554	2.2	18.31	14610	PS 55 2S 132 B5	132S	6
50.0	534	1.3	56.10	9200	PS 45 3S 100 B5	100L	2
51.0	522	1.4	27.45	8400	PS 45 2S 100 B5	100L	4
51.0	522	2.3	54.90	15000	PS 55 3S 100 B5	100L	2
54.2	502	2.4	25.84	14400	PS 55 2S 100 B5	100L	4
55.0	481	1.5	50.50	8800	PS 45 3S 100 B5	100L	2
56.4	483	2.5	15.96	14170	PS 55 2S 132 B5	132S	6

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
57.0	467	1.5	24.55	8000	PS 45 2S 100 B5	100L	4
58.0	467	1.0	24.19	7200	PS 35 2S 100 B5	100L	4
61.0	435	1.7	45.70	8350	PS 45 3S 100 B5	100L	2
61.2	445	2.7	22.87	13600	PS 55 2S 100 B5	100L	4
63.0	420	1.7	22.09	7500	PS 45 2S 100 B5	100L	4
63.7	427	2.8	14.13	13340	PS 55 2S 132 B5	132S	6
66.0	406	1.8	42.70	8300	PS 45 3S 100 B5	100L	2
66.5	401	3.0	42.10	14300	PS 55 3S 100 B5	100L	2
68.6	397	3.0	20.40	12800	PS 55 2S 100 B5	100L	4
70.0	380	1.9	19.99	7200	PS 45 2S 100 B5	100L	4
71.4	381	3.1	12.60	12560	PS 55 2S 132 B5	132S	6
73.0	371	1.1	19.21	7200	PS 35 2S 100 B5	100L	4
73.0	364	2.0	38.20	7900	PS 45 3S 100 B5	100L	2
75.3	354	3.4	37.20	13500	PS 55 3S 100 B5	100L	2
76.5	356	3.4	18.31	12000	PS 55 2S 100 B5	100L	4
79.0	337	1.9	17.70	7300	PS 45 2S 100 B5	100L	4
79.6	342	3.5	11.31	11840	PS 55 2S 132 B5	132S	6
81.0	327	2.2	34.40	7500	PS 45 3S 100 B5	100L	2
82.0	330	1.2	17.11	7200	PS 35 2S 100 B5	100L	4
87.7	310	3.5	15.96	12200	PS 55 2S 100 B5	100L	4
88.0	301	2.2	15.83	6900	PS 45 2S 100 B5	100L	4
90.0	296	2.4	31.10	7150	PS 45 3S 100 B5	100L	2
92.0	297	1.3	15.37	7200	PS 35 2S 100 B5	100L	4
98.0	271	2.4	14.25	6500	PS 45 2S 100 B5	100L	4
102.0	261	2.8	27.45	6200	PS 45 2S 100 B5	100L	2
109.0	245	2.6	12.89	6200	PS 45 2S 100 B5	100L	4
112.0	244	1.1	12.62	2070	PS 30 2S 100 B5	100L	4
112.0	244	1.6	12.62	7030	PS 35 2S 100 B5	100L	4
114.0	234	3.1	24.55	5800	PS 45 2S 100 B5	100L	2
123.0	221	1.2	11.43	2190	PS 30 2S 100 B5	100L	4
123.0	221	1.8	11.43	6990	PS 35 2S 100 B5	100L	4
125.0	213	3.1	11.18	6000	PS 45 2S 100 B5	100L	4
127.0	210	3.4	22.09	5500	PS 45 2S 100 B5	100L	2
138.0	197	1.3	10.18	2180	PS 30 2S 100 B5	100L	4
138.0	197	2.0	10.18	6820	PS 35 2S 100 B5	100L	4
140.0	190	3.4	10.00	5600	PS 45 2S 100 B5	100L	4
154.0	176	1.5	9.14	2160	PS 30 2S 100 B5	100L	4
154.0	176	2.3	9.14	6670	PS 35 2S 100 B5	100L	4
167.0	163	1.5	17.11	2180	PS 30 2S 100 B5	100L	2
167.0	163	2.2	17.11	6570	PS 35 2S 100 B5	100L	2
181.0	150	1.5	7.78	2180	PS 30 2S 100 B5	100L	4
181.0	150	2.3	7.78	6470	PS 35 2S 100 B5	100L	4
186.0	146	1.6	15.37	2150	PS 30 2S 100 B5	100L	2
186.0	146	2.5	15.37	6410	PS 35 2S 100 B5	100L	2
188.0	145	1.6	7.51	2120	PS 30 2S 100 B5	100L	4
188.0	145	2.3	7.51	6370	PS 35 2S 100 B5	100L	4
203.0	134	1.7	6.93	2150	PS 30 2S 100 B5	100L	4
227.0	120	2.0	12.62	2090	PS 30 2S 100 B5	100L	2
227.0	120	3.0	12.62	6120	PS 35 2S 100 B5	100L	2
227.0	120	1.9	6.22	2110	PS 30 2S 100 B5	100L	4
227.0	120	2.8	6.22	6140	PS 35 2S 100 B5	100L	4
250.0	109	1.9	11.43	2110	PS 30 2S 100 B5	100L	2
250.0	109	2.9	11.43	6020	PS 35 2S 100 B5	100L	2
276.0	99	2.3	5.11	2040	PS 30 2S 100 B5	100L	4
276.0	99	3.4	5.11	5850	PS 35 2S 100 B5	100L	4
281.0	97	2.2	10.18	2070	PS 30 2S 100 B5	100L	2
281.0	97	3.3	10.18	5850	PS 35 2S 100 B5	100L	2
313.0	87	2.4	9.14	2030	PS 30 2S 100 B5	100L	2
368.0	74	2.4	7.78	1980	PS 30 2S 100 B5	100L	2
381.0	71	2.5	7.51	1940	PS 30 2S 100 B5	100L	2
413.0	66	2.7	6.93	1930	PS 30 2S 100 B5	100L	2
460.0	59	3.0	6.22	1890	PS 30 2S 100 B5	100L	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
13.9	2555	0.9	68.30	20000	PS 60 3S 132 B5	132S	6
14.4	2286	0.9	97.40	20900	PS 60 3S 112 B5	112M	4
14.6	2246	1.0	61.50	20140	PS 60 3S 132 B5	132S	6
14.9	2201	1.0	187.50	20900	PS 60 3S 100 B5	100L	2
15.8	2252	1.0	88.10	19500	PS 60 3S 112 B5	112M	4
16.2	2030	1.1	55.60	19170	PS 60 3S 132 B5	132S	6
16.7	1968	1.1	167.70	19800	PS 60 3S 100 B5	100L	2
18.2	1953	1.1	76.40	19700	PS 60 3S 112 B5	112M	4
18.5	1772	1.2	151.00	18900	PS 60 3S 100 B5	100L	2
20.3	1746	1.2	68.30	19300	PS 60 3S 112 B5	112M	4
20.5	1603	1.3	136.60	18000	PS 60 3S 100 B5	100L	2
21.4	1537	0.9	42.10	15000	PS 55 3S 132 B5	132S	6
21.7	1515	1.5	41.50	17480	PS 60 3S 132 B5	132S	6
22.6	1572	1.3	61.50	18900	PS 60 3S 112 B5	112M	4
23.1	1420	1.5	121.00	17600	PS 60 3S 100 B5	100L	2
24.2	1358	1.0	37.20	15000	PS 55 3S 132 B5	132S	6
24.3	1355	1.7	37.10	16530	PS 60 3S 132 B5	132S	6
25.0	1422	1.5	55.60	18600	PS 60 3S 112 B5	112M	4
25.5	1289	0.9	54.90	15000	PS 55 3S 112 B5	112M	4
25.8	1275	0.9	108.60	15000	PS 55 3S 100 B5	100L	2
25.9	1270	1.7	108.20	16700	PS 60 3S 100 B5	100L	2
26.9	1220	1.9	33.40	15650	PS 60 3S 132 B5	132S	6
27.1	1212	1.1	33.20	15000	PS 55 3S 132 B5	132S	6
28.7	1143	1.8	97.40	15800	PS 60 3S 100 B5	100L	2
28.9	1137	1.1	96.90	15000	PS 55 3S 100 B5	100L	2
29.8	1103	2.1	30.20	14810	PS 60 3S 132 B5	132S	6
30.2	1088	1.2	29.80	15000	PS 55 3S 132 B5	132S	6
31.8	1034	2.0	88.10	15000	PS 60 3S 100 B5	100L	2
32.2	1021	1.2	87.00	15000	PS 55 3S 100 B5	100L	2
33.3	988	1.2	42.10	15000	PS 55 3S 112 B5	112M	4
34.0	1060	2.0	41.50	17900	PS 60 3S 112 B5	112M	4
34.8	964	1.2	25.84	15000	PS 55 2S 132 B5	132S	6
35.3	950	2.2	25.47	13270	PS 60 2S 132 B5	132S	6
36.1	910	1.3	77.50	15000	PS 55 3S 100 B5	100L	2
36.6	897	2.3	76.40	14600	PS 60 3S 100 B5	100L	2
37.0	948	2.2	37.10	17500	PS 60 3S 112 B5	112M	4
37.6	873	1.4	37.20	15000	PS 55 3S 112 B5	112M	4
39.4	853	1.4	22.87	15000	PS 55 2S 132 B5	132S	6
39.5	850	2.5	22.78	12450	PS 60 2S 132 B5	132S	6
40.8	805	1.5	68.60	15000	PS 55 3S 100 B5	100L	2
41.0	807	0.9	34.40	9500	PS 45 3S 112 B5	112M	4
41.0	824	0.9	22.09	9100	PS 45 2S 132 B5	132S	6
41.0	802	2.6	68.30	13800	PS 60 3S 100 B5	100L	2
42.0	853	2.5	33.40	17100	PS 60 3S 112 B5	112M	4
42.2	779	1.5	33.20	15000	PS 55 3S 112 B5	112M	4
43.9	765	2.7	20.50	11680	PS 60 2S 132 B5	132S	6
44.1	761	1.6	20.40	15000	PS 55 2S 132 B5	132S	6
45.0	730	1.0	31.10	9400	PS 45 3S 112 B5	112M	4
45.0	736	1.0	62.70	9500	PS 45 3S 100 B5	100L	2
45.0	746	1.0	19.99	8700	PS 45 2S 132 B5	132S	6
45.5	722	2.9	61.50	13000	PS 60 3S 100 B5	100L	2
45.8	718	1.7	61.20	15000	PS 55 3S 100 B5	100L	2
46.0	772	2.7	30.20	16700	PS 60 3S 112 B5	112M	4
47.0	699	1.7	29.80	15000	PS 55 3S 112 B5	112M	4
48.5	692	3.0	18.55	10940	PS 60 2S 132 B5	132S	6
49.2	683	1.8	18.31	14610	PS 55 2S 132 B5	132S	6
50.0	658	1.1	56.10	9200	PS 45 3S 100 B5	100L	2
50.4	653	3.2	55.60	12300	PS 60 3S 100 B5	100L	2
51.0	658	1.1	27.45	8400	PS 45 2S 112 B5	112M	4
51.0	660	1.0	17.70	8400	PS 45 2S 132 B5	132S	6

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
51.0	644	1.9	54.90	15000	PS 55 3S 100 B5	100L	2
54.2	620	1.9	25.84	15000	PS 55 2S 112 B5	112M	4
55.0	593	1.2	50.50	8800	PS 45 3S 100 B5	100L	2
56.4	595	2.0	15.96	14170	PS 55 2S 132 B5	132S	6
57.0	589	1.2	24.55	8000	PS 45 2S 112 B5	112M	4
57.0	590	1.1	15.83	8000	PS 45 2S 132 B5	132S	6
61.0	536	1.3	45.70	8350	PS 45 3S 100 B5	100L	2
61.2	548	2.2	22.87	15000	PS 55 2S 112 B5	112M	4
63.0	530	1.4	22.09	7500	PS 45 2S 112 B5	112M	4
63.0	531	1.2	14.25	7600	PS 45 2S 132 B5	132S	6
63.7	527	2.3	14.13	13340	PS 55 2S 132 B5	132S	6
66.0	501	1.4	42.70	8300	PS 45 3S 100 B5	100L	2
66.5	494	2.4	42.10	14300	PS 55 3S 100 B5	100L	2
68.6	489	2.5	20.40	15000	PS 55 2S 112 B5	112M	4
70.0	479	1.5	19.99	7200	PS 45 2S 112 B5	112M	4
70.0	481	1.4	12.89	7200	PS 45 2S 132 B5	132S	6
71.4	470	2.6	12.60	12560	PS 55 2S 132 B5	132S	6
73.0	448	1.6	38.20	7900	PS 45 3S 100 B5	100L	2
75.3	437	2.7	37.20	13500	PS 55 3S 100 B5	100L	2
76.5	439	2.7	18.31	15000	PS 55 2S 112 B5	112M	4
79.0	424	1.5	17.70	7300	PS 45 2S 112 B5	112M	4
79.6	422	2.8	11.31	11840	PS 55 2S 132 B5	132S	6
81.0	404	1.8	34.40	7500	PS 45 3S 100 B5	100L	2
81.0	417	1.6	11.18	6900	PS 45 2S 132 B5	132S	6
84.3	390	3.1	33.20	12800	PS 55 3S 100 B5	100L	2
87.3	385	3.1	10.31	11750	PS 55 2S 132 B5	132S	6
87.7	383	2.9	15.96	15000	PS 55 2S 112 B5	112M	4
88.0	380	1.7	15.83	6900	PS 45 2S 112 B5	112M	4
90.0	373	1.1	15.37	6750	PS 35 2S 112 B5	112M	4
90.0	365	2.0	31.10	7150	PS 45 3S 100 B5	100L	2
90.0	373	1.7	10.00	6500	PS 45 2S 132 B5	132S	6
94.0	350	3.4	29.80	12100	PS 55 3S 100 B5	100L	2
98.0	342	1.9	14.25	6500	PS 45 2S 112 B5	112M	4
98.6	341	3.5	9.13	11000	PS 55 2S 132 B5	132S	6
99.1	339	3.2	14.13	14900	PS 55 2S 112 B5	112M	4
100.0	336	1.9	9.00	6200	PS 45 2S 132 B5	132S	6
102.0	329	2.2	27.45	6200	PS 45 2S 100 B5	100L	2
109.0	309	2.1	12.89	6200	PS 45 2S 112 B5	112M	4
110.0	305	1.3	12.62	6160	PS 35 2S 112 B5	112M	4
111.0	304	2.1	8.14	5800	PS 45 2S 132 B5	132S	6
114.0	294	2.4	24.55	5800	PS 45 2S 100 B5	100L	2
122.5	274	1.5	11.43	6050	PS 35 2S 112 B5	112M	4
125.0	268	2.4	11.18	6000	PS 45 2S 112 B5	112M	4
127.0	265	2.7	22.09	5500	PS 45 2S 100 B5	100L	2
137.5	244	1.6	10.18	5470	PS 35 2S 112 B5	112M	4
140.0	240	2.7	10.00	5600	PS 45 2S 112 B5	112M	4
140.0	240	3.0	19.99	5200	PS 45 2S 100 B5	100L	2
153.2	219	1.8	9.14	5460	PS 35 2S 112 B5	112M	4
156.0	216	3.0	9.00	5300	PS 45 2S 112 B5	112M	4
158.0	212	3.1	17.70	5600	PS 45 2S 100 B5	100L	2
166.0	203	2.6	5.43	4900	PS 45 2S 132 B5	132S	6
172.0	195	3.3	8.14	5000	PS 45 2S 112 B5	112M	4
177.0	190	3.4	15.83	5300	PS 45 2S 100 B5	100L	2
179.9	187	1.8	7.78	5480	PS 35 2S 112 B5	112M	4
184.0	182	2.8	4.89	4600	PS 45 2S 132 B5	132S	6
186.4	180	1.9	7.51	5280	PS 35 2S 112 B5	112M	4
202.0	166	2.0	6.93	5200	PS 35 2S 112 B5	112M	4
204.0	165	3.2	4.42	4250	PS 45 2S 132 B5	132S	6
225.1	149	2.3	6.22	4950	PS 35 2S 112 B5	112M	4
274.0	123	2.8	5.11	4500	PS 35 2S 112 B5	112M	4

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
20.5	2383	0.8	136.60	18000	PS 60 3S 112 B5	112M	2
21.1	2318	0.9	68.30	17400	PS 60 3S 132 B5	132S	4
21.7	2252	1.0	41.50	17480	PS 60 3S 132 B5	132M	6
23.1	2111	0.9	121.00	17600	PS 60 3S 112 B5	112M	2
23.4	2086	1.0	61.50	17200	PS 60 3S 132 B5	132S	4
24.3	2013	1.1	37.10	16530	PS 60 3S 132 B5	132M	6
25.9	1888	1.1	108.20	16700	PS 60 3S 112 B5	112M	2
25.9	1888	1.1	55.60	16900	PS 60 3S 132 B5	132S	4
26.9	1813	1.2	33.40	15650	PS 60 3S 132 B5	132M	6
28.7	1699	1.2	97.40	15800	PS 60 3S 112 B5	112M	2
29.8	1639	1.4	30.20	14810	PS 60 3S 132 B5	132M	6
31.8	1537	1.3	88.10	15000	PS 60 3S 112 B5	112M	2
35.0	1407	1.5	41.50	16800	PS 60 3S 132 B5	132S	4
36.1	1352	0.9	77.50	15000	PS 55 3S 112 B5	112M	2
36.6	1333	1.6	76.40	14600	PS 60 3S 112 B5	112M	2
37.6	1298	0.9	37.20	15000	PS 55 3S 132 B5	132S	4
39.0	1258	1.7	37.10	16400	PS 60 3S 132 B5	132S	4
39.4	1268	0.9	22.87	15000	PS 55 2S 132 B5	132M	6
40.8	1197	1.0	68.60	15000	PS 55 3S 112 B5	112M	2
41.0	1191	1.8	68.30	13800	PS 60 3S 112 B5	112M	2
42.2	1158	1.0	33.20	15000	PS 55 3S 132 B5	132S	4
43.0	1133	1.9	33.40	16100	PS 60 3S 132 B5	132S	4
44.1	1131	1.1	20.40	15000	PS 55 2S 132 B5	132M	6
45.5	1073	2.0	61.50	13000	PS 60 3S 112 B5	112M	2
45.8	1068	1.1	61.20	15000	PS 55 3S 112 B5	112M	2
47.0	1040	1.2	29.80	15000	PS 55 3S 132 B5	132S	4
48.0	1025	2.0	30.20	15700	PS 60 3S 132 B5	132S	4
49.2	1015	1.2	18.31	14610	PS 55 2S 132 B5	132M	6
50.4	970	2.2	55.60	12300	PS 60 3S 112 B5	112M	2
51.0	958	1.3	54.90	15000	PS 55 3S 112 B5	112M	2
54.2	921	1.3	25.84	15000	PS 55 2S 132 B5	132S	4
55.0	908	2.3	25.47	13270	PS 60 2S 132 B5	132M	6
56.4	885	1.4	15.96	14170	PS 55 2S 132 B5	132M	6
57.0	883	2.4	25.47	14800	PS 60 2S 132 B5	132S	4
61.0	797	0.9	45.70	8350	PS 45 3S 112 B5	112M	2
61.2	815	1.5	22.87	15000	PS 55 2S 132 B5	132S	4
61.5	812	2.5	22.78	12450	PS 60 2S 132 B5	132M	6
63.0	787	0.9	22.09	7500	PS 45 2S 132 B5	132S	4
63.0	789	2.7	22.78	14400	PS 60 2S 132 B5	132S	4
63.7	783	1.5	14.13	13340	PS 55 2S 132 B5	132M	6
66.0	745	1.0	42.70	8300	PS 45 3S 112 B5	112M	2
66.5	734	1.6	42.10	14300	PS 55 3S 112 B5	112M	2
67.5	724	2.9	41.50	11200	PS 60 3S 112 B5	112M	2
68.3	731	2.8	20.50	11680	PS 60 2S 132 B5	132M	6
68.6	727	1.7	20.40	15000	PS 55 2S 132 B5	132S	4
70.0	712	1.0	19.99	7200	PS 45 2S 132 B5	132S	4
70.0	715	0.9	12.89	7200	PS 45 2S 132 B5	132M	6
70.0	710	3.0	20.50	14100	PS 60 2S 132 B5	132S	4
71.4	699	1.7	12.60	12560	PS 55 2S 132 B5	132M	6
73.0	666	1.1	38.20	7900	PS 45 3S 112 B5	112M	2
75.3	649	1.8	37.20	13500	PS 55 3S 112 B5	112M	2
75.5	647	3.2	37.10	10500	PS 60 3S 112 B5	112M	2
75.5	661	3.1	18.55	10940	PS 60 2S 132 B5	132M	6
76.5	653	1.8	18.31	14700	PS 55 2S 132 B5	132S	4
78.0	643	3.3	18.55	13800	PS 60 2S 132 B5	132S	4
79.0	631	1.0	17.70	7300	PS 45 2S 132 B5	132S	4
79.6	627	1.9	11.31	11840	PS 55 2S 132 B5	132M	6
81.0	600	1.2	34.40	7500	PS 45 3S 112 B5	112M	2
81.0	620	1.0	11.18	6900	PS 45 2S 132 B5	132M	6
84.3	579	2.1	33.20	12800	PS 55 3S 112 B5	112M	2

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
87.3	572	2.1	10.31	11750	PS 55 2S 132 B5	132M	6
87.7	569	1.9	15.96	14500	PS 55 2S 132 B5	132S	4
88.0	564	1.2	15.83	6900	PS 45 2S 132 B5	132S	4
89.5	558	3.4	15.65	13200	PS 60 2S 132 B5	132S	4
90.0	543	1.3	31.10	7150	PS 45 3S 112 B5	112M	2
90.0	554	1.2	10.00	6500	PS 45 2S 132 B5	132M	6
94.0	520	2.3	29.80	12100	PS 55 3S 112 B5	112M	2
98.0	508	1.3	14.25	6500	PS 45 2S 132 B5	132S	4
98.6	506	2.4	9.13	11000	PS 55 2S 132 B5	132M	6
99.1	504	2.2	14.13	14200	PS 55 2S 132 B5	132S	4
100.0	499	1.3	9.00	6200	PS 45 2S 132 B5	132M	6
102.0	489	1.5	27.45	6200	PS 45 2S 112 B5	112M	2
108.4	460	2.6	25.84	10700	PS 55 2S 112 B5	112M	2
109.0	459	1.4	12.89	6200	PS 45 2S 132 B5	132S	4
110.6	451	2.7	8.14	10300	PS 55 2S 132 B5	132M	6
111.0	451	1.4	8.14	5800	PS 45 2S 132 B5	132M	6
111.1	449	2.4	12.60	13800	PS 55 2S 132 B5	132S	4
114.0	438	1.6	24.55	5800	PS 45 2S 112 B5	112M	2
122.4	408	2.9	22.87	9950	PS 55 2S 112 B5	112M	2
123.1	405	3.0	7.31	10000	PS 55 2S 132 B5	132M	6
123.8	403	2.7	11.31	13500	PS 55 2S 132 B5	132S	4
125.0	398	1.6	11.18	6000	PS 45 2S 132 B5	132S	4
127.0	394	1.8	22.09	5500	PS 45 2S 112 B5	112M	2
135.8	367	3.0	10.31	13300	PS 55 2S 132 B5	132S	4
137.3	364	3.3	20.40	9300	PS 55 2S 112 B5	112M	2
140.0	356	1.8	10.00	5600	PS 45 2S 132 B5	132S	4
140.0	356	2.0	19.99	5200	PS 45 2S 112 B5	112M	2
140.2	356	3.4	6.42	9800	PS 55 2S 132 B5	132M	6
148.0	337	1.5	6.07	5200	PS 45 2S 132 B5	132M	6
152.9	326	3.4	18.31	9150	PS 55 2S 112 B5	112M	2
153.3	325	3.4	9.13	13000	PS 55 2S 132 B5	132S	4
156.0	321	2.0	9.00	5300	PS 45 2S 132 B5	132S	4
158.0	315	2.1	17.70	5600	PS 45 2S 112 B5	112M	2
166.0	301	1.7	5.43	4900	PS 45 2S 132 B5	132M	6
172.0	290	2.2	8.14	5000	PS 45 2S 132 B5	132S	4
175.4	284	3.5	15.96	9400	PS 55 2S 112 B5	112M	2
177.0	282	2.3	15.83	5300	PS 45 2S 112 B5	112M	2
184.0	271	1.9	4.89	4600	PS 45 2S 132 B5	132M	6
196.0	254	2.6	14.25	5000	PS 45 2S 112 B5	112M	2
204.0	245	2.1	4.42	4250	PS 45 2S 132 B5	132M	6
217.0	230	2.8	12.89	4700	PS 45 2S 112 B5	112M	2
218.1	229	3.5	6.42	13000	PS 55 2S 132 B5	132S	4
231.0	216	2.4	6.07	5050	PS 45 2S 132 B5	132S	4
250.0	199	3.3	11.18	4900	PS 45 2S 112 B5	112M	2
258.0	194	2.7	5.43	4800	PS 45 2S 132 B5	132S	4
286.0	174	3.0	4.89	4500	PS 45 2S 132 B5	132S	4
317.0	158	3.3	4.42	4250	PS 45 2S 132 B5	132S	4

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
28.7	2317	0.9	97.40	15800	PS 60 3S 132 B5	132S	2
31.7	2095	1.0	88.10	15000	PS 60 3S 132 B5	132S	2
35.0	1919	1.1	41.50	15300	PS 60 3S 132 B5	132M	4
36.6	1817	1.1	76.40	14600	PS 60 3S 132 B5	132S	2
39.0	1716	1.2	37.10	15100	PS 60 3S 132 B5	132M	4
40.9	1624	1.2	68.30	13800	PS 60 3S 132 B5	132S	2
43.0	1544	1.4	33.40	14900	PS 60 3S 132 B5	132M	4
45.5	1463	1.4	61.50	13000	PS 60 3S 132 B5	132S	2
48.0	1397	1.5	30.20	14600	PS 60 3S 132 B5	132M	4
49.2	1384	0.9	18.31	14610	PS 55 2S 160 B5	160S	6
50.3	1322	1.5	55.60	12300	PS 60 3S 132 B5	132S	2
51.0	1306	0.9	54.90	15000	PS 55 3S 132 B5	132S	2
54.2	1256	1.0	25.84	14100	PS 55 2S 132 B5	132M	4
54.9	1237	1.6	25.47	13270	PS 60 2S 160 B5	160S	6
56.4	1207	1.0	15.96	14170	PS 55 2S 160 B5	160S	6
57.0	1204	1.7	25.47	13600	PS 60 2S 132 B5	132M	4
61.2	1112	1.1	22.87	13900	PS 55 2S 132 B5	132M	4
61.4	1107	1.8	22.78	12450	PS 60 2S 160 B5	160S	6
63.0	1076	2.0	22.78	13400	PS 60 2S 132 B5	132M	4
63.7	1068	1.1	14.13	13340	PS 55 2S 160 B5	160S	6
66.5	1002	1.2	42.10	14300	PS 55 3S 132 B5	132S	2
67.4	987	2.1	41.50	11200	PS 60 3S 132 B5	132S	2
68.2	996	2.1	20.50	11680	PS 60 2S 160 B5	160S	6
68.6	991	1.2	20.40	13700	PS 55 2S 132 B5	132M	4
70.0	969	2.2	20.50	13200	PS 60 2S 132 B5	132M	4
71.4	953	1.3	12.60	12560	PS 55 2S 160 B5	160S	6
75.3	885	1.4	37.20	13500	PS 55 3S 132 B5	132S	2
75.4	882	2.3	37.10	10500	PS 60 3S 132 B5	132S	2
75.4	901	2.3	18.55	10940	PS 60 2S 160 B5	160S	6
76.5	890	1.3	18.31	13500	PS 55 2S 132 B5	132M	4
78.0	876	2.4	18.55	13000	PS 60 2S 132 B5	132M	4
79.6	855	1.4	11.31	11840	PS 55 2S 160 B5	160S	6
83.8	794	2.6	33.40	9790	PS 60 3S 132 B5	132S	2
84.3	790	1.5	33.20	13300	PS 55 3S 132 B5	132S	2
87.3	779	1.5	10.31	11750	PS 55 2S 160 B5	160S	6
87.7	776	1.4	15.96	13600	PS 55 2S 132 B5	132M	4
89.4	760	2.7	15.65	10480	PS 60 2S 160 B5	160S	6
92.0	740	2.6	15.65	12800	PS 60 2S 132 B5	132M	4
92.7	718	2.9	30.20	9160	PS 60 3S 132 B5	132S	2
94.0	709	1.7	29.80	13000	PS 55 3S 132 B5	132S	2
98.0	693	0.9	14.25	6500	PS 45 2S 132 B5	132M	4
98.6	690	1.7	9.13	11000	PS 55 2S 160 B5	160S	6
99.1	687	1.6	14.13	13300	PS 55 2S 132 B5	132M	4
100.0	680	3.0	14.00	9740	PS 60 2S 160 B5	160S	6
102.0	667	1.1	27.45	6200	PS 45 2S 132 B5	132S	2
103.0	662	2.9	14.00	12500	PS 60 2S 132 B5	132M	4
108.4	628	1.9	25.84	12700	PS 55 2S 132 B5	132S	2
109.0	626	1.0	12.89	6200	PS 45 2S 132 B5	132M	4
109.9	618	3.3	25.47	7330	PS 60 2S 132 B5	132S	2
110.6	615	1.9	8.14	10300	PS 55 2S 160 B5	160S	6
111.1	612	3.4	12.60	9050	PS 60 2S 160 B5	160S	6
111.1	612	1.8	12.60	13000	PS 55 2S 132 B5	132M	4
114.0	597	1.2	24.55	5800	PS 45 2S 132 B5	132S	2
114.0	595	3.2	12.60	12300	PS 60 2S 132 B5	132M	4
122.4	556	2.2	22.87	12500	PS 55 2S 132 B5	132S	2
122.8	554	3.4	11.40	7130	PS 60 2S 132 B5	132M	4
123.1	553	2.2	7.31	9650	PS 55 2S 160 B5	160S	6
123.8	550	2.0	11.31	12800	PS 55 2S 132 B5	132M	4
125.0	543	1.2	11.18	6000	PS 45 2S 132 B5	132M	4
127.0	537	1.3	22.09	5500	PS 45 2S 132 B5	132S	2

[illegible]

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
36.6	2253	0.9	76.40	14600	PS 60 3S 132 B5	132M	2
40.9	2014	1.0	68.30	13800	PS 60 3S 132 B5	132M	2
45.5	1814	1.1	61.50	13000	PS 60 3S 132 B5	132M	2
50.3	1640	1.2	55.60	12300	PS 60 3S 132 B5	132M	2
54.9	1535	1.3	25.47	13270	PS 60 2S 160 B5	160M	6
57.0	1476	1.4	25.47	12700	PS 60 2S 160 B5	160S	4
61.2	1378	0.9	22.87	12800	PS 55 2S 160 B5	160S	4
61.4	1372	1.5	22.78	12450	PS 60 2S 160 B5	160M	6
63.0	1320	1.6	22.78	12600	PS 60 2S 160 B5	160S	4
63.7	1325	0.9	14.13	13340	PS 55 2S 160 B5	160M	6
66.5	1242	1.0	42.10	14300	PS 55 3S 132 B5	132M	2
67.4	1224	1.7	41.50	11200	PS 60 3S 132 B5	132M	2
68.2	1235	1.6	20.50	11680	PS 60 2S 160 B5	160M	6
68.6	1229	1.0	20.40	12700	PS 55 2S 160 B5	160S	4
70.0	1188	1.8	20.50	12400	PS 60 2S 160 B5	160S	4
71.4	1181	1.0	12.60	12560	PS 55 2S 160 B5	160M	6
75.3	1097	1.1	37.20	13500	PS 55 3S 132 B5	132M	2
75.4	1094	1.9	37.10	10500	PS 60 3S 132 B5	132M	2
75.4	1117	1.8	18.55	10940	PS 60 2S 160 B5	160M	6
76.5	1103	1.1	18.31	12500	PS 55 2S 160 B5	160S	4
78.0	1075	2.0	18.55	12200	PS 60 2S 160 B5	160S	4
79.6	1060	1.1	11.31	11840	PS 55 2S 160 B5	160M	6
83.8	985	2.1	33.40	9790	PS 60 3S 132 B5	132M	2
84.3	979	1.2	33.20	12800	PS 55 3S 132 B5	132M	2
87.3	967	1.2	10.31	11750	PS 55 2S 160 B5	160M	6
87.7	962	1.1	15.96	12500	PS 55 2S 160 B5	160S	4
89.4	943	2.2	15.65	10480	PS 60 2S 160 B5	160M	6
92.0	907	2.1	15.65	12200	PS 60 2S 160 B5	160S	4
92.7	890	2.3	30.20	9160	PS 60 3S 132 B5	132M	2
94.0	879	1.4	29.80	12100	PS 55 3S 132 B5	132M	2
98.6	856	1.4	9.13	11000	PS 55 2S 160 B5	160M	6
99.1	852	1.3	14.13	12600	PS 55 2S 160 B5	160S	4
100.0	843	2.4	14.00	9740	PS 60 2S 160 B5	160M	6
103.0	811	2.3	14.00	12000	PS 60 2S 160 B5	160S	4
108.4	779	1.5	25.84	10700	PS 55 2S 132 B5	132M	2
110.6	763	1.6	8.14	10300	PS 55 2S 160 B5	160M	6
111.1	759	2.7	12.60	9050	PS 60 2S 160 B5	160M	6
111.1	759	1.4	12.60	12400	PS 55 2S 160 B5	160S	4
114.0	730	2.6	12.60	11800	PS 60 2S 160 B5	160S	4
122.4	689	1.7	22.87	9950	PS 55 2S 132 B5	132M	2
122.8	687	3.0	11.40	8400	PS 60 2S 160 B5	160M	6
123.1	685	1.8	7.31	10000	PS 55 2S 160 B5	160M	6
123.8	682	1.6	11.31	12200	PS 55 2S 160 B5	160S	4
126.0	661	2.9	11.40	11600	PS 60 2S 160 B5	160S	4
135.8	621	1.8	10.31	12200	PS 55 2S 160 B5	160S	4
137.3	615	2.0	20.40	9300	PS 55 2S 132 B5	132M	2
138.3	609	3.4	10.12	8290	PS 60 2S 160 B5	160M	6
140.2	602	2.0	6.42	9800	PS 55 2S 160 B5	160M	6
142.0	586	3.2	10.12	11500	PS 60 2S 160 B5	160S	4
152.9	552	2.0	18.31	9150	PS 55 2S 132 B5	132M	2
153.3	550	2.0	9.13	12000	PS 55 2S 160 B5	160S	4
154.6	545	3.4	9.05	11400	PS 60 2S 160 B5	160S	4
158.5	532	2.3	5.68	9700	PS 55 2S 160 B5	160M	6
172.0	491	2.2	8.14	11700	PS 55 2S 160 B5	160S	4
175.4	481	2.1	15.96	9400	PS 55 2S 132 B5	132M	2
177.5	475	2.5	5.07	9500	PS 55 2S 160 B5	160M	6
191.5	441	2.5	7.31	11400	PS 55 2S 160 B5	160S	4
197.8	427	2.8	4.55	9000	PS 55 2S 160 B5	160M	6
198.2	426	2.3	14.13	8800	PS 55 2S 132 B5	132M	2
218.1	387	2.1	6.42	11300	PS 55 2S 160 B5	160S	4

PS SERIES / Inline Helical Gearbox **9.3 kW / 12.5 HP**

PS SERIES / Inline Helical Gearbox **9.3 kW / 12.5 HP**

[illegible]

n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
54.9	1815	1.1	25.47	13270	PS 60 2S 160 B5	160L	6
57.0	1765	1.2	25.47	11700	PS 60 2S 160 B5	160M	4
61.4	1623	1.2	22.78	12450	PS 60 2S 160 B5	160L	6
63.0	1579	1.3	22.78	11600	PS 60 2S 160 B5	160M	4
68.2	1461	1.4	20.50	11680	PS 60 2S 160 B5	160L	6
70.0	1421	1.5	20.50	11600	PS 60 2S 160 B5	160M	4
71.4	1397	0.9	12.60	12560	PS 55 2S 160 B5	160L	6
75.4	1322	1.5	18.55	10940	PS 60 2S 160 B5	160L	6
76.5	1305	0.9	18.31	11500	PS 55 2S 160 B5	160M	4
78.0	1285	1.6	18.55	11500	PS 60 2S 160 B5	160M	4
79.6	1254	1.0	11.31	11840	PS 55 2S 160 B5	160L	6
87.3	1143	1.0	10.31	11750	PS 55 2S 160 B5	160L	6
87.7	1138	1.0	15.96	12000	PS 55 2S 160 B5	160M	4
89.4	1115	1.8	15.65	10480	PS 60 2S 160 B5	160L	6
92.0	1085	1.8	15.65	11600	PS 60 2S 160 B5	160M	4
98.6	1012	1.2	9.13	11000	PS 55 2S 160 B5	160L	6
99.1	1007	1.1	14.13	11800	PS 55 2S 160 B5	160M	4
100	997	2.1	14.00	9740	PS 60 2S 160 B5	160L	6
103.0	970	2.0	14.00	11400	PS 60 2S 160 B5	160M	4
108.4	921	1.3	25.84	12300	PS 55 2S 160 B5	160S	2
109.9	907	2.3	25.47	7330	PS 60 2S 160 B5	160S	2
110.6	903	1.3	8.14	10300	PS 55 2S 160 B5	160L	6
111.1	898	2.3	12.60	9050	PS 60 2S 160 B5	160L	6
111.1	898	1.2	12.60	11700	PS 55 2S 160 B5	160M	4
114.0	873	2.2	12.60	11300	PS 60 2S 160 B5	160M	4
122.4	815	1.5	22.87	12000	PS 55 2S 160 B5	160S	2
122.8	812	2.5	11.40	8400	PS 60 2S 160 B5	160L	6
122.9	811	2.5	22.78	6700	PS 60 2S 160 B5	160S	2
123.1	811	1.5	7.31	9650	PS 55 2S 160 B5	160L	6
123.8	806	1.4	11.31	11500	PS 55 2S 160 B5	160M	4
126.0	790	2.4	11.40	11100	PS 60 2S 160 B5	160M	4
135.8	735	1.5	10.31	11700	PS 55 2S 160 B5	160M	4
136.5	730	2.8	20.50	5500	PS 60 2S 160 B5	160S	2
137.3	727	1.7	20.40	11800	PS 55 2S 160 B5	160S	2
138.3	721	2.9	10.12	8290	PS 60 2S 160 B5	160L	6
140.2	712	1.7	6.42	9450	PS 55 2S 160 B5	160L	6
142.0	701	2.7	10.12	11100	PS 60 2S 160 B5	160M	4
151.0	661	2.9	18.55	10800	PS 60 2S 160 B5	160S	2
152.9	653	1.7	18.31	11300	PS 55 2S 160 B5	160S	2
153.3	651	1.7	9.13	11500	PS 55 2S 160 B5	160M	4
154.6	645	3.2	9.05	7630	PS 60 2S 160 B5	160L	6
158.5	630	1.9	5.68	8790	PS 55 2S 160 B5	160L	6
159.0	627	3.0	9.05	10800	PS 60 2S 160 B5	160M	4
172.0	580	1.9	8.14	11200	PS 55 2S 160 B5	160M	4
175.4	569	1.8	15.96	11300	PS 55 2S 160 B5	160S	2
177.0	564	3.4	8.14	10600	PS 60 2S 160 B5	160M	4
177.5	562	2.1	5.07	8160	PS 55 2S 160 B5	160L	6
179.0	557	3.0	15.65	10600	PS 60 2S 160 B5	160S	2
191.5	521	2.1	7.31	11000	PS 55 2S 160 B5	160M	4
197.8	505	2.4	4.55	8080	PS 55 2S 160 B5	160L	6
198.2	504	2.0	14.13	8800	PS 55 2S 160 B5	160S	2
200	498	3.4	14.00	6200	PS 60 2S 160 B5	160S	2
218.1	458	1.7	6.42	10900	PS 55 2S 160 B5	160M	4
222.2	449	2.2	12.60	8250	PS 55 2S 160 B5	160S	2
241.0	413	3.4	5.96	10100	PS 60 2S 160 B5	160M	4
246.5	405	2.0	5.68	10700	PS 55 2S 160 B5	160M	4
247.6	403	2.5	11.31	7700	PS 55 2S 160 B5	160S	2
271.6	367	2.4	10.31	8150	PS 55 2S 160 B5	160S	2
276.1	361	2.2	5.07	10400	PS 55 2S 160 B5	160M	4
306.7	325	2.8	9.13	7600	PS 55 2S 160 B5	160S	2

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n ₂ o/p rpm	M ₂ Nm	Sf ₁ Service Factor	i Ratio	Rn ₂ N	IEC Model	Motor Frame Size	Pole
64.0	2123	1.0	22.78	9680	PS 60 2S 160 B5	160L	4
71.0	1911	1.1	20.50	9760	PS 60 2S 160 B5	160L	4
79.0	1729	1.2	18.55	9790	PS 60 2S 160 B5	160L	4
93.0	1459	1.3	15.65	10300	PS 60 2S 160 B5	160L	4
104.0	1305	1.5	14.00	10200	PS 60 2S 160 B5	160L	4
108.4	1256	1.0	25.84	10700	PS 55 2S 160 B5	160M	2
109.9	1238	1.7	25.47	7330	PS 60 2S 160 B5	160M	2
111.1	1225	0.9	12.60	10200	PS 55 2S 160 B5	160L	4
116.0	1174	1.6	12.60	10100	PS 60 2S 160 B5	160L	4
122.4	1112	1.1	22.87	10500	PS 55 2S 160 B5	160M	2
122.9	1107	1.9	22.78	6700	PS 60 2S 160 B5	160M	2
123.8	1099	1.0	11.31	10100	PS 55 2S 160 B5	160L	4
128.0	1063	1.8	11.40	10000	PS 60 2S 160 B5	160L	4
135.8	1002	1.1	10.31	10500	PS 55 2S 160 B5	160L	4
136.5	996	2.1	20.50	5500	PS 60 2S 160 B5	160M	2
137.3	991	1.2	20.40	10300	PS 55 2S 160 B5	160M	2
144.0	943	2.0	10.12	10200	PS 60 2S 160 B5	160L	4
152.9	890	1.2	18.31	10200	PS 55 2S 160 B5	160M	2
153.3	887	1.2	9.13	10400	PS 55 2S 160 B5	160L	4
158.0	861	2.4	18.55	9950	PS 60 2S 160 B5	160M	2
161.0	843	2.3	9.05	10000	PS 60 2S 160 B5	160L	4
172.0	791	1.4	8.14	10200	PS 55 2S 160 B5	160L	4
175.4	776	1.3	15.96	10400	PS 55 2S 160 B5	160M	2
179.0	759	2.5	8.14	9890	PS 60 2S 160 B5	160L	4
187.0	727	2.3	15.65	9950	PS 60 2S 160 B5	160M	2
191.5	711	1.5	7.31	10100	PS 55 2S 160 B5	160L	4
198.0	687	2.8	7.37	9730	PS 60 2S 160 B5	160L	4
198.2	687	1.5	14.13	10200	PS 55 2S 160 B5	160M	2
209.0	650	2.6	14.00	9760	PS 60 2S 160 B5	160M	2
218.1	624	1.3	6.42	10200	PS 55 2S 160 B5	160L	4
222.2	612	1.6	12.60	10000	PS 55 2S 160 B5	160M	2
233.0	585	2.9	12.60	9570	PS 60 2S 160 B5	160M	2
245.0	556	2.5	5.96	9580	PS 60 2S 160 B5	160L	4
246.5	552	1.4	5.68	10000	PS 55 2S 160 B5	160L	4
247.6	550	1.8	11.31	9890	PS 55 2S 160 B5	160M	2
257.0	529	3.2	11.40	9390	PS 60 2S 160 B5	160M	2
271.6	501	1.8	10.31	9940	PS 55 2S 160 B5	160M	2
274.0	497	2.8	5.33	9370	PS 60 2S 160 B5	160L	4
276.1	493	1.6	5.07	9810	PS 55 2S 160 B5	160L	4
290.0	470	3.2	10.12	9310	PS 60 2S 160 B5	160M	2
304.0	447	3.1	4.80	9170	PS 60 2S 160 B5	160L	4
306.7	444	2.0	9.13	9710	PS 55 2S 160 B5	160M	2
307.7	442	1.8	4.55	9610	PS 55 2S 160 B5	160L	4
309.3	439	3.4	9.05	5410	PS 60 2S 160 B5	160M	2
336.0	405	3.5	4.34	8970	PS 60 2S 160 B5	160L	4
344.0	396	2.3	8.14	9430	PS 55 2S 160 B5	160M	2
383.0	355	2.5	7.31	9280	PS 55 2S 160 B5	160M	2
436.1	312	2.1	6.42	9160	PS 55 2S 160 B5	160M	2
493.0	276	2.3	5.68	8920	PS 55 2S 160 B5	160M	2
552.3	246	2.6	5.07	8680	PS 55 2S 160 B5	160M	2
615.4	221	2.9	4.55	8460	PS 55 2S 160 B5	160M	2

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22. SPEED REDUCER RATING CHARTS

PS 16

50 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 16 2S	5.53	506	25	1.4	330	290	253	30	0.8	330	380
PS 16 2S	6.68	419	25	1.2	330	330	210	30	0.7	330	430
PS 16 2S	7.41	378	25	1.0	330	350	189	30	0.6	330	460
PS 16 2S	9.31	301	25	0.8	330	390	150	30	0.5	330	500
PS 16 2S	11.24	249	35	1.0	330	340	125	40	0.6	330	470
PS 16 2S	12.47	225	35	0.9	330	368	112	40	0.49	330	500
PS 16 2S	15.64	179	35	0.7	330	410	90	40	0.39	330	550
PS 16 2S	18.89	148	35	0.6	330	470	74	40	0.33	330	630
PS 16 2S	20.96	134	45	0.7	330	410	67	45	0.33	330	620
PS 16 2S	27.14	103	45	0.5	330	460	52	45	0.26	330	700
PS 16 2S	32.78	85	45	0.42	330	530	43	45	0.21	330	780
PS 16 2S	36.36	77	45	0.38	330	570	39	45	0.19	330	830
PS 16 2S	40.32	69	45	0.34	330	600	35	45	0.17	330	870
PS 16 2S	44.73	63	45	0.31	330	640	31	45	0.16	330	920
Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 16 2S	5.53	163	45	0.8	330	340	127	35	0.5	330	450
PS 16 2S	6.68	135	45	0.7	330	400	105	35	0.41	330	530
PS 16 2S	7.41	121	45	0.6	330	430	94	36	0.37	330	570
PS 16 2S	9.31	97	45	0.5	330	480	75	35	0.30	330	630
PS 16 2S	11.24	80	45	0.4	330	550	62	35	0.24	330	720
PS 16 2S	12.47	72	45	0.36	330	590	56	35	0.22	330	770
PS 16 2S	15.64	58	45	0.29	330	660	45	35	0.18	330	840
PS 16 2S	18.89	48	45	0.24	330	740	37	35	0.15	330	940
PS 16 2S	20.96	43	45	0.21	330	790	33	35	0.13	330	1000
PS 16 2S	27.14	33	45	0.16	330	870	26	35	0.10	330	1110
PS 16 2S	32.78	27	45	0.14	330	970	21	35	0.08	330	1230
PS 16 2S	36.36	25	45	0.12	330	1030	19	35	0.08	330	1290
PS 16 2S	40.32	22	45	0.11	330	1070	17	35	0.07	330	1350
PS 16 2S	44.73	20	45	0.10	330	1130	16	35	0.06	330	1420

PS 20
100 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 20 2S	5.49	510	50	2.8	600	730	255	60	1.7	600	950
PS 20 2S	6.46	433	50	2.4	600	800	217	60	1.4	600	1040
PS 20 2S	7.75	361	50	2.0	600	890	181	60	1.2	600	1150
PS 20 2S	8.57	327	50	1.8	600	940	163	60	1.1	600	1210
PS 20 2S	9.92	282	55	1.7	600	940	141	65	1.0	600	1220
PS 20 2S	11.67	240	55	1.5	600	1030	120	65	0.86	600	1340
PS 20 2S	14.00	200	55	1.2	600	1140	100	65	0.72	600	1470
PS 20 2S	15.48	181	55	1.1	600	1200	90	65	0.65	600	1540
PS 20 2S	18.01	155	80	1.4	600	1040	78	80	0.68	600	1490
PS 20 2S	21.19	132	80	1.2	600	1150	66	80	0.58	600	1620
PS 20 2S	25.43	110	80	0.97	600	1280	55	80	0.48	600	1780
PS 20 2S	28.13	100	80	0.88	600	1350	50	80	0.44	600	1880
PS 20 2S	31.71	88	80	0.78	600	1390	44	80	0.39	600	1940
PS 20 2S	37.31	75	80	0.66	600	1530	38	80	0.33	600	2100
PS 20 2S	44.77	63	80	0.55	600	1680	31	80	0.28	600	2290
PS 20 2S	49.52	57	80	0.50	600	1770	28.3	80	0.25	600	2400
PS 20 3S	58.10	48.2	90	0.49	330	1810	24.1	90	0.24	330	2476
PS 20 3S	64.30	43.5	90	0.44	330	1910	21.8	90	0.22	330	2595
PS 20 3S	69.20	40.5	90	0.41	330	1930	20.2	90	0.21	330	2632
PS 20 3S	81.40	34.4	90	0.35	330	2100	17.2	90	0.17	330	2800
PS 20 3S	97.70	28.7	90	0.29	330	2300	14.3	90	0.15	330	2800
PS 20 3S	108.10	25.9	90	0.26	330	2410	13.0	90	0.13	330	2800
PS 20 3S	120.10	23.3	90	0.24	330	2470	11.7	90	0.12	330	2800
PS 20 3S	141.30	19.8	90	0.20	330	2680	9.9	90	0.10	330	2800
PS 20 3S	169.50	16.5	90	0.17	330	2800	8.3	90	0.08	330	2800
PS 20 3S	187.50	14.9	90	0.15	330	2800	7.5	90	0.08	330	2800
Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 20 2S	5.49	164	90	1.6	600	920	128	71	1.0	600	1200
PS 20 2S	6.46	139	90	1.4	600	1030	108	71	0.85	600	1340
PS 20 2S	7.75	116	90	1.2	600	1160	90	71	0.71	600	1490
PS 20 2S	8.57	105	90	1.0	600	1240	82	71	0.64	600	1580
PS 20 2S	9.92	91	90	0.9	600	1290	71	71	0.55	600	1650
PS 20 2S	11.67	77	90	0.76	600	1420	60	71	0.47	600	1810
PS 20 2S	14.00	64	90	0.64	600	1580	50	71	0.39	600	2000
PS 20 2S	15.48	58	90	0.58	600	1670	45	72	0.36	600	2100
PS 20 2S	18.01	50	90	0.50	600	1740	39	72	0.31	600	2200
PS 20 2S	21.19	43	90	0.42	600	1900	33	71	0.26	600	2400
PS 20 2S	25.43	35	90	0.35	600	2090	28	73	0.22	600	2620
PS 20 2S	28.13	32	90	0.32	600	2190	25	73	0.20	600	2750
PS 20 2S	31.71	28	90	0.28	600	2270	22	70	0.17	600	2800
PS 20 2S	37.31	24	90	0.24	600	2460	19	73	0.15	600	2800
PS 20 2S	44.77	20	90	0.20	600	2680	16	70	0.12	600	2800
PS 20 2S	49.52	18	90	0.18	600	2800	14	71	0.11	600	2800
PS 20 3S	58.10	15.5	100	0.17	330	2800	12.0	74	0.10	330	2800
PS 20 3S	64.30	14.0	100	0.16	330	2800	10.9	73	0.09	330	2800
PS 20 3S	69.20	13.0	100	0.15	330	2800	10.1	70	0.08	330	2800
PS 20 3S	81.40	11.1	100	0.12	330	2800	8.6	72	0.07	330	2800
PS 20 3S	97.70	9.2	100	0.10	330	2800	7.2	74	0.06	330	2800
PS 20 3S	108.10	8.3	100	0.09	330	2800	6.5	69	0.05	330	2800
PS 20 3S	120.10	7.5	100	0.08	330	2800	5.8	76	0.05	330	2800
PS 20 3S	141.30	6.4	100	0.07	330	2800	5.0	72	0.04	330	2800
PS 20 3S	169.50	5.3	100	0.06	330	2800	4.1	65	0.03	330	2800
PS 20 3S	187.50	4.8	100	0.05	330	2800	3.7	71	0.03	330	2800

PS 25
200 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 25 2S	5.02	558	80	4.9	370	660	279	120	3.7	350	760
PS 25 2S	5.92	473	90	4.7	410	670	236	120	3.1	450	800
PS 25 2S	6.47	433	90	4.3	490	720	216	120	2.9	560	860
PS 25 2S	7.88	355	100	3.9	570	760	178	120	2.3	760	1000
PS 25 2S	8.93	314	100	3.5	380	780	157	130	2.2	440	950
PS 25 2S	10.53	266	100	2.9	520	880	133	130	1.9	630	1080
PS 25 2S	11.51	243	110	2.9	520	860	122	130	1.7	720	1150
PS 25 2S	14.01	200	110	2.4	670	1000	100	130	1.4	830	1310
PS 25 2S	16.42	171	140	2.6	200	820	85	160	1.5	380	1150
PS 25 2S	19.35	145	150	2.4	300	880	72	160	1.3	580	1320
PS 25 2S	21.16	132	150	2.2	390	950	66	160	1.2	670	1400
PS 25 2S	25.75	109	160	1.9	510	1040	54	160	1.0	830	1600
PS 25 2S	31.27	90	140	1.4	310	1270	45	160	0.8	510	1720
PS 25 2S	36.86	76	150	1.3	410	1350	38	160	0.7	690	1910
PS 25 2S	40.29	69	160	1.2	430	1360	35	160	0.6	780	2020
PS 25 2S	49.04	57	160	1.0	590	1560	29	160	0.5	830	2260
PS 25 3S	60.10	46.6	180	0.9	500	1607	23.3	180	0.5	500	3200
PS 25 3S	69.60	40.2	180	0.8	420	1672	20.1	180	0.4	500	3200
PS 25 3S	82.00	34.1	180	0.7	471	1875	17.1	180	0.3	500	3200
PS 25 3S	89.70	31.2	180	0.6	496	1987	15.6	180	0.3	500	3200
PS 25 3S	109.10	25.7	180	0.5	500	239	12.8	180	0.3	500	3200
PS 25 3S	122.50	22.9	180	0.5	450	2298	11.4	180	0.2	500	3200
PS 25 3S	144.40	19.4	180	0.4	497	2537	9.7	180	0.2	500	3200
PS 25 3S	157.90	17.7	180	0.4	500	2668	8.9	180	0.2	500	3200
PS 25 3S	192.10	14.6	180	0.3	500	2967	7.3	180	0.1	500	3200
Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 25 2S	5.02	179	130	2.6	380	860	139	115	1.8	440	1040
PS 25 2S	5.92	152	150	2.5	410	840	118	136	1.8	420	970
PS 25 2S	6.47	139	160	2.5	450	840	108	143	1.7	500	990
PS 25 2S	7.88	114	180	2.3	560	860	89	143	1.4	830	1190
PS 25 2S	8.93	101	160	1.8	420	1030	78	143	1.2	450	1210
PS 25 2S	10.53	85	180	1.7	490	1040	66	143	1.0	750	1400
PS 25 2S	11.51	78	180	1.5	610	1120	61	143	1.0	830	1500
PS 25 2S	14.01	64	180	1.3	80	1230	50	143	0.8	830	1730
PS 25 2S	16.42	55	180	1.1	490	1380	43	143	0.7	750	1820
PS 25 2S	19.35	47	180	0.9	710	1560	36	143	0.6	830	2040
PS 25 2S	21.16	43	180	0.8	820	1670	33	143	0.5	830	2160
PS 25 2S	25.75	35	180	0.7	830	1900	27	143	0.4	830	2440
PS 25 2S	31.27	29	180	0.6	640	2030	22	143	0.4	830	2610
PS 25 2S	36.86	24	180	0.5	830	2250	19	143	0.3	830	2880
PS 25 2S	40.29	22	180	0.4	830	2380	17	143	0.3	830	3030
PS 25 2S	49.04	18	180	0.4	830	2650	14	143	0.2	830	3200
PS 25 3S	60.10	15.0	200	0.3	500	2788	11.6	143	0.2	500	3200
PS 25 3S	69.60	12.9	200	0.3	500	2910	10.1	143	0.2	500	3200
PS 25 3S	82.00	11.0	200	0.2	500	3195	8.5	143	0.1	500	3200
PS 25 3S	89.70	10.0	200	0.2	500	3200	7.8	143	0.1	500	3200
PS 25 3S	109.10	8.2	200	0.2	500	3200	6.4	143	0.1	500	3200
PS 25 3S	122.50	7.3	200	0.2	500	3200	5.7	143	0.1	500	3200
PS 25 3S	144.40	6.2	200	0.1	500	3200	4.8	143	0.1	500	3200
PS 25 3S	157.90	5.7	200	0.1	500	3200	4.4	143	0.1	500	3200
PS 25 3S	192.10	4.7	200	0.1	500	3200	3.6	143	0.1	500	3200

PS 30

350 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 30 2S	5.11	548	160	9.7	530	1100	274	230	6.9	550	1350
PS 30 2S	6.22	450	180	8.9	710	1200	225	230	5.7	850	1500
PS 30 2S	6.93	404	180	8.0	930	1300	202	230	5.1	1000	1600
PS 30 2S	7.51	373	180	7.4	590	1300	186	230	4.7	700	1600
PS 30 2S	7.78	360	180	7.1	1000	1400	180	230	4.6	1000	1750
PS 30 2S	9.14	306	210	7.1	690	1300	153	260	4.4	920	1650
PS 30 2S	10.18	275	210	6.4	910	1400	138	260	3.9	1000	1800
PS 30 2S	11.43	245	210	5.7	1000	1550	122	260	3.5	1000	2000
PS 30 2S	12.62	222	220	5.4	460	1500	111	260	3.2	770	2000
PS 30 2S	15.37	182	240	4.8	710	1600	91	260	2.6	1000	2300
PS 30 2S	17.11	164	240	4.3	930	1750	82	260	2.3	1000	2500
PS 30 2S	19.21	146	240	3.9	1000	1900	73	260	2.1	1000	2600
PS 30 2S	24.19	116	250	3.2	430	2000	58	320	2.0	490	2500
PS 30 2S	29.45	95	300	3.1	460	2000	48	320	1.7	1000	2800
PS 30 2S	32.80	85	320	3.0	560	2000	43	320	1.5	1000	3050
PS 30 2S	36.82	76	320	2.7	810	2200	38	320	1.3	1000	3300
PS 30 3S	41.20	68.0	320	2.5	660	2350	34.0	320	1.2	660	3500
PS 30 3S	46.20	60.6	320	2.2	660	2550	30.3	320	1.1	660	3700
PS 30 3S	54.00	51.9	320	1.9	660	2650	25.9	320	0.9	660	3900
PS 30 3S	65.80	42.6	320	1.5	660	3050	21.3	320	0.8	660	4300
PS 30 3S	73.30	38.0	320	1.4	660	3250	19.0	320	0.7	660	4600
PS 30 3S	82.20	34.1	320	1.2	660	3500	17.0	320	0.6	660	4860
PS 30 3S	99.30	28.2	320	1.0	660	3700	14.1	320	0.5	660	5200
PS 30 3S	120.90	23.2	320	0.8	660	4150	11.6	320	0.4	660	5500
PS 30 3S	134.70	20.8	320	0.8	660	4400	10.4	320	0.4	660	5500
PS 30 3S	151.10	18.5	320	0.7	660	4700	9.3	320	0.3	660	5500
Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 30 2S	5.11	176	320	6.2	400	1370	137	250	3.8	430	1590
PS 30 2S	6.22	145	320	5.1	590	1230	113	250	3.1	900	1790
PS 30 2S	6.93	130	320	4.6	740	1210	101	250	2.8	1000	2080
PS 30 2S	7.51	120	320	4.2	530	1670	93	250	2.6	670	2050
PS 30 2S	7.78	116	320	4.1	1000	1610	90	250	2.5	1000	2270
PS 30 2S	9.14	98	320	3.5	870	1810	77	250	2.1	1000	2440
PS 30 2S	10.18	88	320	3.1	1000	1980	69	250	1.9	1000	2650
PS 30 2S	11.43	79	320	2.8	1000	2170	61	250	1.7	1000	2870
PS 30 2S	12.62	71	320	2.5	680	2170	55	250	1.5	1000	2890
PS 30 2S	15.37	59	320	2.1	1000	2520	46	250	1.3	1000	3310
PS 30 2S	17.11	53	320	1.9	1000	2720	41	250	1.1	1000	3540
PS 30 2S	19.21	47	320	1.7	1000	2930	36	250	1.0	1000	3800
PS 30 2S	24.19	37	320	1.3	1000	3180	29	250	0.8	1000	4120
PS 30 2S	29.45	31	320	1.1	1000	3600	24	250	0.7	1000	4620
PS 30 2S	32.80	27	320	1.0	1000	3840	21	250	0.6	1000	4900
PS 30 2S	36.82	24.4	320	0.9	1000	4090	19.0	250	0.5	1000	5210
PS 30 3S	41.20	21.8	350	0.9	660	4100	17.0	250	0.5	660	5450
PS 30 3S	46.20	19.5	350	0.8	660	4400	15.2	250	0.4	660	5500
PS 30 3S	54.00	16.7	350	0.7	660	4600	13.0	250	0.4	660	5500
PS 30 3S	65.80	13.7	350	0.5	660	5200	10.6	250	0.3	660	5500
PS 30 3S	73.30	12.2	350	0.5	660	5450	9.5	250	0.3	660	5500
PS 30 3S	82.20	10.9	350	0.4	660	5500	8.5	250	0.2	660	5500
PS 30 3S	99.30	9.1	350	0.4	660	5500	7.0	250	0.2	660	5500
PS 30 3S	120.90	7.4	350	0.3	660	5500	5.8	250	0.2	660	5500
PS 30 3S	134.70	6.7	350	0.3	660	5500	5.2	250	0.1	660	5500
PS 30 3S	151.10	6.0	350	0.2	660	5500	4.6	250	0.1	660	5500

PS 35

530 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 35 2S	5.11	548	270	16.3	640	3690	274	340	10.3	900	4500
PS 35 2S	6.22	450	270	13.4	850	4060	225	340	8.4	1050	4950
PS 35 2S	6.93	404	270	12.0	910	460	202	340	7.6	1140	5200
PS 35 2S	7.51	373	270	11.1	830	433	186	340	7.0	1050	5280
PS 35 2S	7.78	360	270	10.7	960	4490	180	340	6.7	1200	5480
PS 35 2S	9.14	306	320	10.8	850	4460	153	400	6.7	1100	5460
PS 35 2S	10.18	275	320	9.7	910	4690	138	400	6.1	1150	5470
PS 35 2S	11.43	245	320	8.6	960	4940	122	400	5.4	1150	6050
PS 35 2S	12.62	222	360	8.8	660	4800	111	400	4.9	1050	6160
PS 35 2S	15.37	182	360	7.2	880	5290	91	400	4.0	1150	6750
PS 35 2S	17.11	164	360	6.5	940	5560	82	400	3.6	1150	7070
PS 35 2S	19.21	146	360	5.8	990	5850	73	400	3.2	1150	7200
PS 35 2S	24.19	116	480	6.1	370	5600	58	480	3.1	1150	7200
PS 35 2S	29.45	95	480	5.0	700	6190	48	480	2.5	1150	7200
PS 35 2S	32.80	85	480	4.5	860	6530	43	480	2.3	1150	7200
PS 35 2S	36.82	76	480	4.0	920	6890	38	480	2.0	1150	7200
PS 35 3S	41.20	68.0	480	3.7	700	7200	34.0	480	1.8	830	7200
PS 35 3S	46.20	60.6	480	3.3	750	7200	30.3	480	1.6	830	7200
PS 35 3S	54.00	51.9	480	2.8	650	7200	25.9	480	1.4	830	7200
PS 35 3S	65.80	42.6	480	2.3	750	7200	21.3	480	1.2	830	7200
PS 35 3S	73.30	38.0	480	2.1	830	7200	19.0	480	1.0	830	7200
PS 35 3S	82.20	34.1	480	1.8	830	7200	17.0	480	0.9	830	7200
PS 35 3S	99.30	28.2	480	1.5	750	7200	14.1	480	0.8	830	7200
PS 35 3S	120.90	23.2	480	1.3	830	7200	11.6	480	0.6	830	7200
PS 35 3S	134.70	20.8	480	1.1	830	7200	10.4	480	0.6	830	7200
PS 35 3S	151.10	18.5	480	1.0	830	7200	9.3	480	0.5	830	7200
Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 35 2S	5.11	176	480	9.3	590	4610	137	379	5.7	1110	5740
PS 35 2S	6.22	145	480	7.6	1060	5150	113	379	4.7	1160	6340
PS 35 2S	6.93	130	480	6.9	1160	5450	101	379	4.2	1160	6730
PS 35 2S	7.51	120	480	6.3	970	5510	93	379	3.9	1160	6810
PS 35 2S	7.78	116	480	6.1	1160	5770	90	379	3.8	1160	7110
PS 35 2S	9.14	98	480	5.2	1160	6100	77	379	3.2	1160	7200
PS 35 2S	10.18	88	480	4.7	1160	6430	69	379	2.9	1160	7200
PS 35 2S	11.43	79	480	4.2	1160	6790	61	379	2.6	1160	7200
PS 35 2S	12.62	71	480	3.8	1160	6900	55	379	2.3	1160	7200
PS 35 2S	15.37	59	480	3.1	1160	7200	46	379	1.9	1160	7200
PS 35 2S	17.11	53	480	2.8	1160	7200	41	379	1.7	1160	7200
PS 35 2S	19.21	47	480	2.5	1160	7200	36	378	1.5	1160	7200
PS 35 2S	24.19	37	480	2.0	1160	7200	29	379	1.2	1160	7200
PS 35 2S	29.45	31	480	1.6	1160	7200	24	378	1.0	1160	7200
PS 35 2S	32.80	27	480	1.5	1160	7200	21	378	0.9	1160	7200
PS 35 2S	36.82	24.4	480	1.3	1160	7200	19.0	378	0.8	1160	7200
PS 35 3S	41.20	21.8	530	1.3	830	7200	17.0	379	0.7	830	7200
PS 35 3S	46.20	19.5	530	1.2	830	7200	15.2	379	0.7	830	7200
PS 35 3S	54.00	16.7	530	1.0	830	7200	13.0	379	0.6	830	7200
PS 35 3S	65.80	13.7	530	0.8	830	7200	10.6	379	0.5	830	7200
PS 35 3S	73.30	12.2	530	0.7	830	7200	9.5	379	0.4	830	7200
PS 35 3S	82.20	10.9	530	0.7	830	7200	8.5	379	0.4	830	7200
PS 35 3S	99.30	9.1	530	0.5	830	7200	7.0	379	0.3	830	7200
PS 35 3S	120.90	7.4	530	0.4	830	7200	5.8	379	0.3	830	7200
PS 35 3S	134.70	6.7	530	0.4	830	7200	5.2	379	0.2	830	7200
PS 35 3S	151.10	6.0	530	0.4	830	7200	4.6	379	0.2	830	7200

PS 45

800 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 45 2S	4.42	633	420	29.3	1750	3500	317	520	18.1	1750	4250
PS 45 2S	4.89	573	420	26.5	1750	3700	286	520	16.4	1750	4500
PS 45 2S	5.43	516	420	23.8	1750	3900	258	520	14.8	1750	4800
PS 45 2S	6.07	461	420	21.3	1750	4100	231	520	13.2	1750	5050
PS 45 2S	8.14	344	520	19.7	1750	4100	172	650	12.3	1750	5000
PS 45 2S	9.00	311	520	17.8	1750	4300	156	650	11.1	1750	5300
PS 45 2S	10.00	280	520	16.0	1750	4600	140	650	10.0	1750	5600
PS 45 2S	11.18	250	520	14.3	1750	4900	125	650	9.0	1750	6000
PS 45 2S	12.89	217	590	14.1	1750	4700	109	650	7.8	1750	6200
PS 45 2S	14.25	196	590	12.8	1750	5000	98	650	7.0	1750	6500
PS 45 2S	15.83	177	590	11.5	1750	5300	88	650	6.3	1750	6900
PS 45 2S	17.70	158	590	10.3	1750	5600	79	650	5.7	1750	7300
PS 45 2S	19.99	140	720	11.1	1750	5200	70	720	5.6	1750	7200
PS 45 2S	22.09	127	720	10.0	1750	5500	63	720	5.0	1750	7500
PS 45 2S	24.55	114	720	9.0	1750	5800	57	720	4.5	1750	8000
PS 45 2S	27.45	102	720	8.1	1750	6200	51	720	4.0	1750	8400
PS 45 3S	31.1	90	720	7.3	1050	7150	45.0	720	3.7	1080	9400
PS 45 3S	34.4	81	720	6.6	1080	7500	41.0	720	3.3	1080	9500
PS 45 3S	38.2	73	720	6.0	1080	7900	37.0	720	3.0	1080	9500
PS 45 3S	42.7	66	720	5.3	1080	8300	33.0	720	2.7	1080	9500
PS 45 3S	45.7	61	720	5.0	1080	8350	31.0	720	2.5	1080	9500
PS 45 3S	50.5	55	720	4.5	1080	8800	27.7	720	2.3	1080	9500
PS 45 3S	56.1	50	720	4.1	1080	9200	25.0	720	2.0	1080	9500
PS 45 3S	62.7	45	720	3.6	1080	9500	22.3	720	1.8	1080	9500
PS 45 3S	76.8	36	720	3.0	1080	9500	18.2	720	1.5	1080	9500
PS 45 3S	84.9	33	720	2.7	1080	9500	16.5	720	1.3	1080	9500
PS 45 3S	94.3	29.7	720	2.4	1080	9500	14.8	720	1.2	1080	9500
PS 45 3S	105.5	26.5	720	2.2	1080	9500	13.3	720	1.1	1080	9500
PS 45 3S	147.2	19.0	720	1.5	1080	9500	9.5	720	0.77	1080	9500
PS 45 3S	162.7	17.2	720	1.4	1080	9500	8.6	720	0.70	1080	9500
PS 45 3S	180.7	15.5	720	1.3	1080	9500	7.7	720	0.63	1080	9500
PS 45 3S	202.1	13.9	720	1.1	1080	9500	6.9	720	0.56	1080	9500

PS 45
800 Nm

Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 45 2S	4.42	204	720	16.1	1750	4250	158	571	10.0	1750	5350
PS 45 2S	4.89	184	720	14.6	1750	4600	143	571	9.0	1750	5700
PS 45 2S	5.43	166	720	13.1	1750	4900	129	571	8.1	1750	6100
PS 45 2S	6.07	148	720	11.8	1750	5200	115	571	7.3	1750	6500
PS 45 2S	8.14	111	720	8.8	1750	5800	86	571	5.4	1750	7200
PS 45 2S	9.00	100	720	7.9	1750	6200	78	571	4.9	1750	7600
PS 45 2S	10.00	90	720	7.1	1750	6500	70	571	4.4	1750	8000
PS 45 2S	11.18	81	720	6.4	1750	6900	63	571	3.9	1750	8500
PS 45 2S	12.89	70	720	5.5	1750	7200	54	571	3.4	1750	8800
PS 45 2S	14.25	63	720	5.0	1750	7600	49	571	3.1	1750	9300
PS 45 2S	15.83	57	720	4.5	1750	8000	44	571	2.8	1750	9500
PS 45 2S	17.70	51	720	4.0	1750	8400	40	571	2.5	1750	9500
PS 45 2S	19.99	45	720	3.6	1750	8700	35	571	2.2	1750	9500
PS 45 2S	22.09	41	720	3.2	1750	9100	32	571	2.0	1750	9500
PS 45 2S	24.55	37	720	2.9	1750	9500	29	571	1.8	1750	9500
PS 45 2S	27.45	33	720	2.6	1750	9500	26	571	1.6	1750	9500
PS 45 3S	31.1	28.9	800	2.6	1080	9500	23.0	572	1.5	1080	9500
PS 45 3S	34.4	26.2	800	2.4	1080	9500	20.0	572	1.3	1080	9500
PS 45 3S	38.2	23.6	800	2.1	1080	9500	18.0	572	1.2	1080	9500
PS 45 3S	42.7	21.1	800	1.9	1080	9500	16.0	571	1.1	1080	9500
PS 45 3S	45.7	19.7	800	1.8	1080	9500	15.0	572	0.99	1080	9500
PS 45 3S	50.5	17.8	800	1.6	1080	9500	14.0	572	0.89	1080	9500
PS 45 3S	56.1	16.0	800	1.4	1080	9500	12.0	571	0.81	1080	9500
PS 45 3S	62.7	14.4	800	1.3	1080	9500	11.0	571	0.72	1080	9500
PS 45 3S	76.8	11.7	800	1.1	1080	9500	9.0	571	0.59	1080	9500
PS 45 3S	84.9	10.6	800	0.96	1080	9500	8.0	572	0.53	1080	9500
PS 45 3S	94.3	9.5	800	0.86	1080	9500	7.0	572	0.48	1080	9500
PS 45 3S	105.5	8.5	800	0.77	1080	9500	7.0	571	0.43	1080	9500
PS 45 3S	147.2	6.1	800	0.55	1080	9500	5.0	572	0.31	1080	9500
PS 45 3S	162.7	5.5	800	0.50	1080	9500	4.0	571	0.28	1080	9500
PS 45 3S	180.7	5.0	800	0.45	1080	9500	4.0	571	0.25	1080	9500
PS 45 3S	202.1	4.5	800	0.40	1080	9500	3.0	571	0.22	1080	9500

PS 55
1350 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 55 2S	4.55	615	640	43.0	2350	6460	308	800	27.0	2500	7890
PS 55 2S	5.07	552	640	39.0	2500	6850	276	800	24.0	2500	8400
PS 55 2S	5.68	493	640	35.0	2500	7300	246	800	22.0	2500	8900
PS 55 2S	6.42	436	640	31.0	2500	7720	218	800	19.0	2500	9450
PS 55 2S	7.31	383	900	38.0	1230	6650	192	1100	23.0	1616	8200
PS 55 2S	8.14	344	900	34.0	2240	7100	172	1100	21.0	2500	8800
PS 55 2S	9.13	307	900	30.0	2420	7600	153	1100	18.6	2500	9400
PS 55 2S	10.31	272	900	27.0	2500	8150	136	1100	16.4	2500	10100
PS 55 2S	11.31	248	1000	27.0	1210	7700	124	1100	15.0	2500	10100
PS 55 2S	12.60	222	1000	24.0	2250	8250	111	1100	13.5	2500	10800
PS 55 2S	14.13	198	1000	22.0	2430	8800	99	1100	12.0	2500	11500
PS 55 2S	15.96	175	1000	19.3	2500	9400	88	1100	10.6	2500	12200
PS 55 2S	18.31	153	1100	18.5	1030	9150	76	1200	10.1	2500	12000
PS 55 2S	20.40	137	1200	18.1	1270	9300	69	1200	9.1	2500	12800
PS 55 2S	22.87	122	1200	16.2	2280	9950	61	1200	8.1	2500	13600
PS 55 2S	25.84	108	1200	14.3	2470	10700	54	1200	7.2	2500	14400
PS 55 3S	29.8	94	1200	12.7	1050	12100	47	1200	6.4	1600	15000
PS 55 3S	33.2	84	1200	11.4	1300	12800	42	1200	5.7	1600	15000
PS 55 3S	37.2	75	1200	10.2	1500	13500	38	1200	5.1	1600	15000
PS 55 3S	42.1	67	1200	9.0	1600	14300	33	1200	4.5	1600	15000
PS 55 3S	54.9	51	1200	6.9	1500	15000	26	1200	3.5	1600	15000
PS 55 3S	61.2	46	1200	6.2	1600	15000	22.9	1200	3.1	1600	15000
PS 55 3S	68.6	41	1200	5.5	1600	15000	20.4	1200	2.8	1600	15000
PS 55 3S	77.5	36	1200	4.9	1600	15000	18.1	1200	2.4	1600	15000
PS 55 3S	87.0	32	1200	4.4	1600	15000	16.1	1200	2.2	1600	15000
PS 55 3S	96.9	29	1200	3.9	1600	15000	14.4	1200	2.0	1600	15000
PS 55 3S	108.6	25.8	1200	3.5	1600	15000	12.9	1200	1.7	1600	15000
PS 55 3S	122.7	22.8	1200	3.1	1600	15000	11.4	1200	1.5	1600	15000
PS 55 3S	134.8	20.8	1200	2.8	1600	15000	10.4	1200	1.40	1600	15000
PS 55 3S	150.2	18.6	1200	2.5	1600	15000	9.3	1200	1.30	1600	15000
PS 55 3S	168.4	16.6	1200	2.3	1600	15000	8.3	1200	1.10	1600	15000
PS 55 3S	190.3	14.7	1200	2.0	1600	15000	7.4	1200	1.00	1600	15000

PS 55
1350 Nm

Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 55 2S	4.55	198	1200	26	1500	8080	154	1350	16.3	1250	10000
PS 55 2S	5.07	178	1200	23	1800	8160	138	1350	14.7	2500	10000
PS 55 2S	5.68	158	1200	21	2500	8790	123	1350	13.1	2500	11000
PS 55 2S	6.42	140	1200	18.5	2500	9450	109	1350	11.6	2500	11700
PS 55 2S	7.31	123	1200	16.3	2500	9650	96	1350	10.2	2500	11900
PS 55 2S	8.14	111	1200	14.6	2500	10300	86	1350	9.1	2500	12700
PS 55 2S	9.13	99	1200	13.0	2500	11000	76.7	1350	8.1	2500	13500
PS 55 2S	10.31	87	1200	11.5	2500	11750	67.9	1350	7.2	2500	14400
PS 55 2S	11.31	80	1200	10.5	2500	11840	61.9	1350	6.6	2500	14500
PS 55 2S	12.60	71	1200	9.4	2500	12560	55.6	1350	5.9	2500	15000
PS 55 2S	14.13	64	1200	8.4	2500	13340	49.5	1350	5.3	2500	15000
PS 55 2S	15.96	56	1200	7.5	2500	14170	43.9	1350	4.7	2500	15000
PS 55 2S	18.31	49	1200	6.5	2500	14610	38.2	1350	4.1	2500	15000
PS 55 2S	20.40	44	1200	5.8	2500	15000	34.3	1350	3.6	2500	15000
PS 55 2S	22.87	39	1200	5.2	2500	15000	30.6	1350	3.2	2500	15000
PS 55 2S	25.84	35	1200	4.6	2500	15000	27.1	1350	2.9	2500	15000
PS 55 3S	29.8	30.2	1350	4.6	1600	15000	23.5	1350	2.6	1600	15000
PS 55 3S	33.2	27.1	1350	4.1	1600	15000	21.1	1350	2.3	1600	15000
PS 55 3S	37.2	24.2	1350	3.7	1600	15000	18.8	1350	2.0	1600	15000
PS 55 3S	42.1	21.4	1350	3.3	1600	15000	16.6	1350	1.8	1600	15000
PS 55 3S	54.9	16.4	1350	2.5	1600	15000	12.8	1350	1.40	1600	15000
PS 55 3S	61.2	14.7	1350	2.2	1600	15000	11.4	1350	1.20	1600	15000
PS 55 3S	68.6	13.1	1350	2.0	1600	15000	10.2	1350	1.10	1600	15000
PS 55 3S	77.5	11.6	1350	1.8	1600	15000	9.0	1350	0.98	1600	15000
PS 55 3S	87.0	10.3	1350	1.6	1600	15000	8.0	1350	0.88	1600	15000
PS 55 3S	96.9	9.3	1350	1.40	1600	15000	7.2	1350	0.79	1600	15000
PS 55 3S	108.6	8.3	1350	1.30	1600	15000	6.4	1350	0.70	1600	15000
PS 55 3S	122.7	7.3	1350	1.10	1600	15000	5.7	1350	0.62	1600	15000
PS 55 3S	134.8	6.7	1350	1.00	1600	15000	5.2	1350	0.57	1600	15000
PS 55 3S	150.2	6.0	1350	0.91	1600	15000	4.7	1350	0.51	1600	15000
PS 55 3S	168.4	5.3	1350	0.81	1600	15000	4.2	1350	0.45	1600	15000
PS 55 3S	190.3	4.7	1350	0.72	1600	15000	3.7	1350	0.40	1600	15000

PS 60

2300 Nm

Gearbox Type	i Ratio	n ₁ = 2800 rpm					n ₁ = 1400 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 60 2S	4.34	645	1100	78.0	1790	4540	323	1400	50.0	2230	5420
PS 60 2S	4.80	583	1100	71.0	1980	4890	292	1400	45.0	2470	5850
PS 60 2S	5.33	525	1100	64.0	2150	5260	263	1400	40.0	2690	6310
PS 60 2S	5.96	470	1100	57.0	2320	5640	235	1400	36.0	2900	6790
PS 60 2S	7.37	380	1500	63.0	1550	4160	190	1900	40.0	1940	4450
PS 60 2S	8.14	344	1500	57.0	1760	4960	172	1900	36.0	2210	5830
PS 60 2S	9.05	309	1500	51.0	1960	5410	155	1900	32.0	2450	6470
PS 60 2S	10.12	277	1500	46.0	2140	5880	138	1900	29.0	2690	7050
PS 60 2S	11.40	246	1700	46.0	1530	4860	123	1900	26.0	2240	7130
PS 60 2S	12.60	222	1700	42.0	1740	5690	111	1900	23.0	2470	7710
PS 60 2S	14.00	200	1700	37.0	1940	6200	100	1900	21.0	2690	8320
PS 60 2S	15.65	179	1700	33.0	2120	6740	89	1900	18.7	2900	8960
PS 60 2S	18.55	151	1900	32.0	1060	6280	75	2100	17.5	2120	8620
PS 60 2S	20.50	137	2100	32.0	1060	5500	68	2100	15.8	2360	9180
PS 60 2S	22.78	123	2100	28.0	1630	6700	61	2100	14.2	2590	9980
PS 60 2S	25.47	110	2100	25.0	1850	7330	55	2100	12.7	2820	10700
PS 60 3S	30.2	93	2100	22.0	1620	9160	46	2100	11.0	2210	12700
PS 60 3S	33.4	84	2100	19.9	1680	9790	42	2100	9.9	2270	13500
PS 60 3S	37.1	75	2100	17.9	1740	10500	38	2100	9.0	2330	14200
PS 60 3S	41.5	67	2100	16.0	1800	11200	34	2100	8.0	2350	15100
PS 60 3S	55.6	50	2100	11.9	1770	12300	25	2100	6.0	2350	16500
PS 60 3S	61.5	46	2100	10.8	1810	13000	22.8	2100	5.4	2350	17400
PS 60 3S	68.3	41	2100	9.7	1860	13800	20.5	2100	4.9	2350	18300
PS 60 3S	76.4	37	2100	8.7	1900	14600	18.3	2100	4.3	2350	19300
PS 60 3S	88.1	32	2100	7.5	1830	15000	15.9	2100	3.8	2350	19100
PS 60 3S	97.4	29	2100	6.8	1870	15800	14.4	2100	3.4	2350	20900
PS 60 3S	108.2	25.9	2100	6.1	1910	16700	12.9	2100	3.1	2350	21900
PS 60 3S	121.0	23.1	2100	5.5	1950	17600	11.6	2100	2.7	2350	22000
PS 60 3S	136.6	20.5	2100	4.9	1870	18000	10.2	2100	2.40	2350	22000
PS 60 3S	151.0	18.5	2100	4.4	1900	18900	9.3	2100	2.20	2350	22000
PS 60 3S	167.7	16.7	2100	4.0	1940	19800	8.3	2100	2.00	2350	22000
PS 60 3S	187.5	14.9	2100	3.5	1980	20900	7.5	2100	1.80	1400	22000

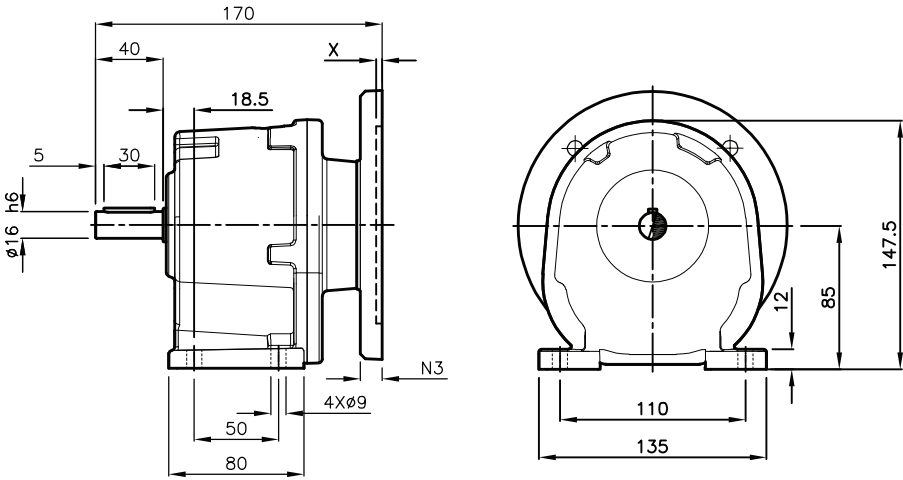
PS 60
2300 Nm

Gearbox Type	i Ratio	n ₁ = 900 rpm					n ₁ = 700 rpm				
		n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N	n ₂ rpm	M _{n2} Nm	P _{n1} kW	R _{n1} N	R _{n2} N
PS 60 2S	4.34	207	2100	48	1620	3680	161	2300	29.0	1610	3900
PS 60 2S	4.80	188	2100	43	1620	2360	146	2300	26.0	2960	5700
PS 60 2S	5.33	169	2100	39	2440	4130	131	2300	24.0	3330	7190
PS 60 2S	5.96	151	2100	35.0	2750	5680	117	2300	21.0	3670	7880
PS 60 2S	7.37	122	2100	28.0	2400	5950	95	2300	17.2	3290	8410
PS 60 2S	8.14	111	2100	26.0	2690	7010	86	2300	15.6	3600	9100
PS 60 2S	9.05	99	2100	23.0	2960	7630	77.0	2300	14.0	3680	9830
PS 60 2S	10.12	89	2100	21.0	3220	8290	69.0	2300	12.5	3680	10610
PS 60 2S	11.40	79	2100	18.3	2720	8400	61.0	2300	11.1	3640	10780
PS 60 2S	12.60	71	2100	16.5	2980	9050	56.0	2300	10.0	3680	11540
PS 60 2S	14.00	64	2100	14.9	3230	9740	50.0	2300	9.0	3680	12350
PS 60 2S	15.65	58	2100	13.3	3460	10480	44.7	2300	8.1	3680	13210
PS 60 2S	18.55	49	2100	11.2	2860	10940	37.7	2300	6.8	3680	13810
PS 60 2S	20.50	44	2100	10.2	3110	11680	34.1	2300	6.2	3680	14670
PS 60 2S	22.78	40	2100	9.1	3340	12450	30.7	2300	5.6	3680	15580
PS 60 2S	25.47	35	2100	8.2	3560	13270	27.5	2300	5.0	3680	16550
PS 60 3S	30.2	29.8	2300	7.7	2350	14810	23.2	2300	4.3	2350	18990
PS 60 3S	33.4	26.9	2300	7.0	2350	15650	21.0	2300	3.9	2350	19950
PS 60 3S	37.1	24.3	2300	6.3	2350	16530	18.9	2300	3.5	2350	20970
PS 60 3S	41.5	21.7	2300	5.6	2350	17480	16.9	2300	3.1	2350	22000
PS 60 3S	55.6	16.2	2300	4.2	2350	19170	12.6	2300	2.30	2350	22000
PS 60 3S	61.5	14.6	2300	3.8	2350	20140	11.4	2300	2.10	2350	22000
PS 60 3S	68.3	13.2	2300	3.4	2350	21170	10.2	2300	1.90	2350	22000
PS 60 3S	76.4	11.8	2300	3.1	2350	22000	9.2	2300	1.70	2350	22000
PS 60 3S	88.1	10.2	2300	2.7	2350	22000	7.9	2300	1.50	2350	22000
PS 60 3S	97.4	9.2	2300	2.40	2350	22000	7.2	2300	1.30	2350	22000
PS 60 3S	108.2	8.3	2300	2.20	2350	22000	6.5	2300	1.20	2350	22000
PS 60 3S	121.0	7.4	2300	1.90	2350	22000	5.8	2300	1.10	2350	22000
PS 60 3S	136.6	6.6	2300	1.70	2350	22000	5.1	2300	0.95	2350	22000
PS 60 3S	151.0	6.0	2300	1.50	2350	22000	4.6	2300	0.86	2350	22000
PS 60 3S	167.7	5.4	2300	1.40	2350	22000	1.2	2300	0.77	2350	22000
PS 60 3S	187.5	4.8	2300	1.20	2350	22000	3.7	2300	0.69	2350	22000

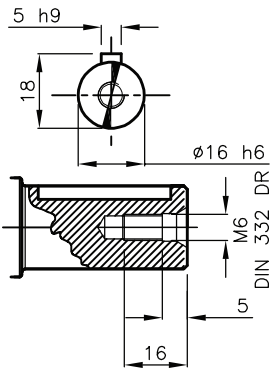
Dimensions

PS 16

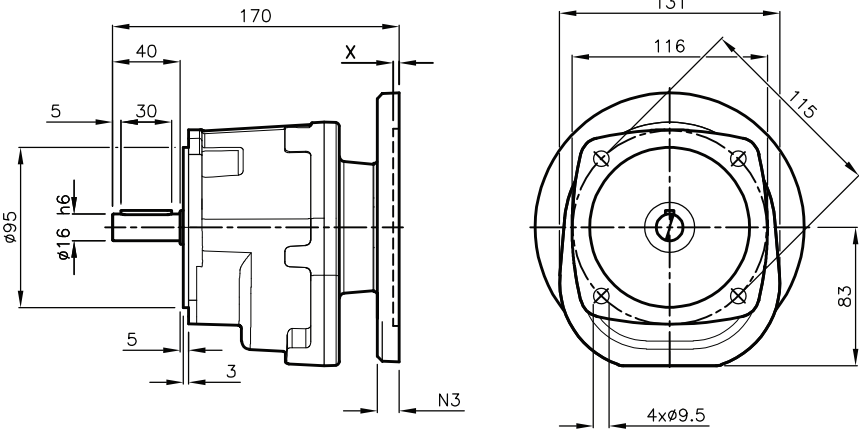
P 2S



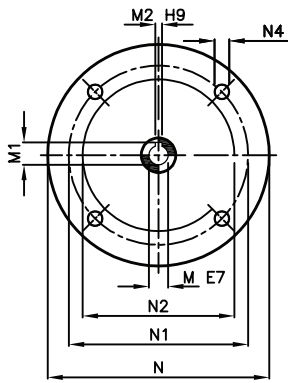
Output



F 2S



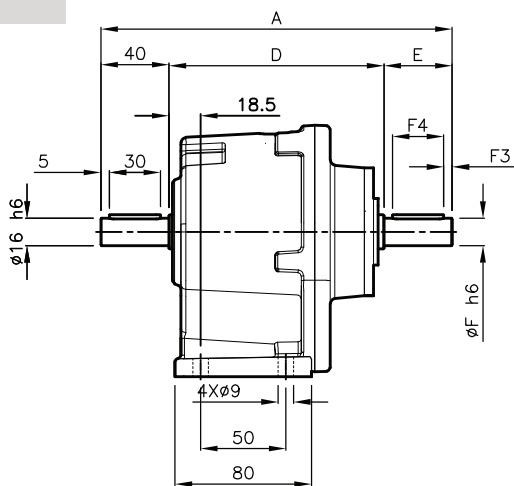
Input



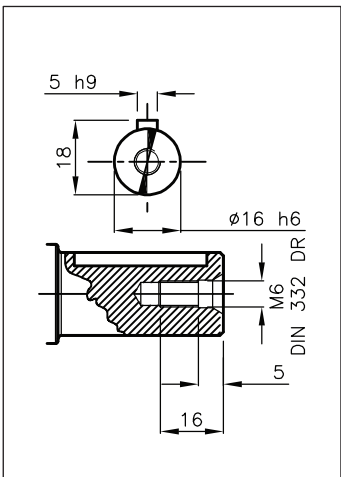
PS 16

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 16 2S_063	11	12.8	4	140	115	95	-	M8x19	3.5	170	170	6.4
PS 16 2S_071	14	16.3	5	160	130	110	-	M8x16	5	170	170	6.4

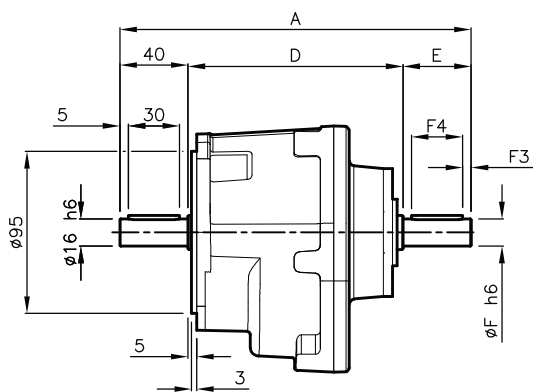
P 2S HS



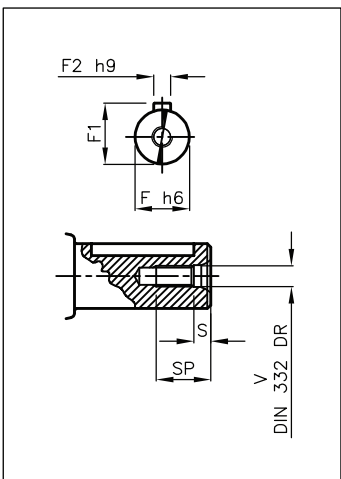
Output



F 2S HS



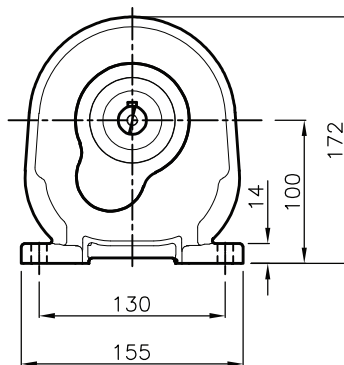
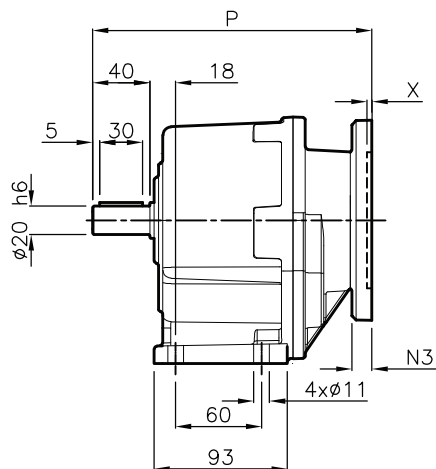
Input



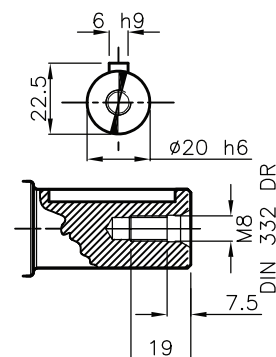
PS 16

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 16 P 2S_HS	206	126	40	16	18	5	5	30	M6	5	16	6.4
PS 16 F 2S_HS	206	126	40	16	18	5	5	30	M6	5	16	6.4

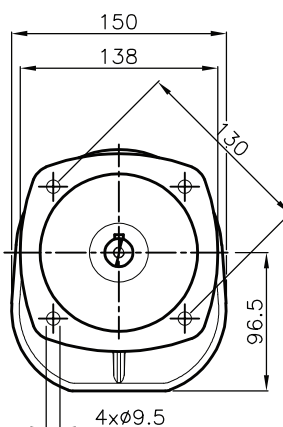
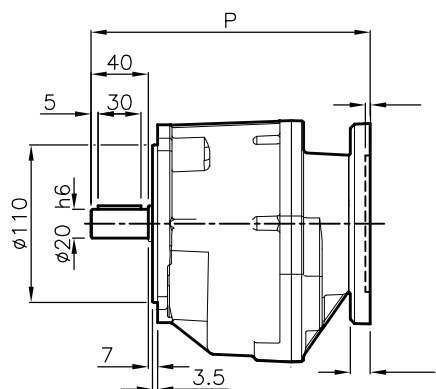
P 2S P 3S



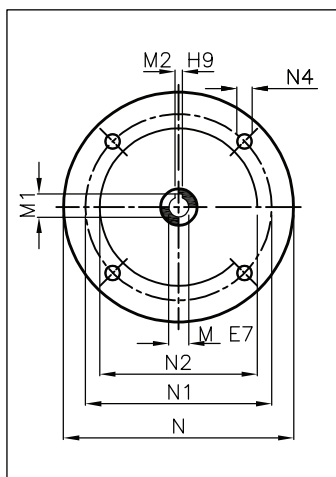
Output



F 2S F 3S



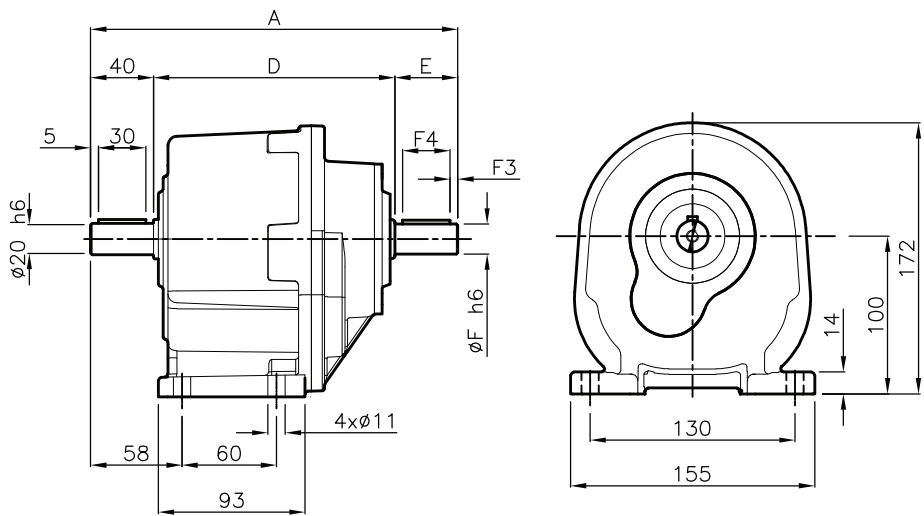
Input



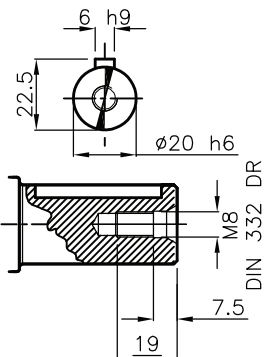
PS 20

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 20 2S_063	11	12.8	4	140	115	95	-	M8x19	3.5	195	195	9.8
PS 20 2S_071	14	16.3	5	160	130	110	-	M8x16	5	195	195	9.8
PS 20 2S_080	19	21.8	6	200	165	130	-	M10x12	5	200	200	9.8
PS 20 2S_090	24	27.3	8	200	165	130	-	M10x12	5	200	200	9.8
PS 20 3S_063	11	12.8	4	140	115	95	-	M8x19	3.5	194	194	9.6
PS 20 3S_071	14	16.3	5	160	130	110	-	M8c16	3.5	194	194	9.6

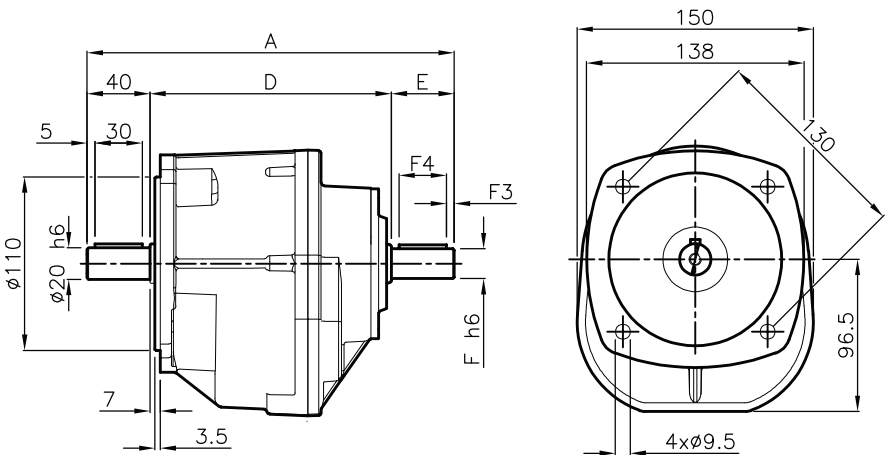
P 2S HS P 3S HS



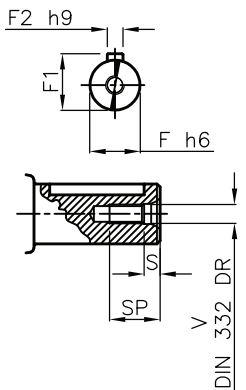
Output



F 2S HS F 3S HS



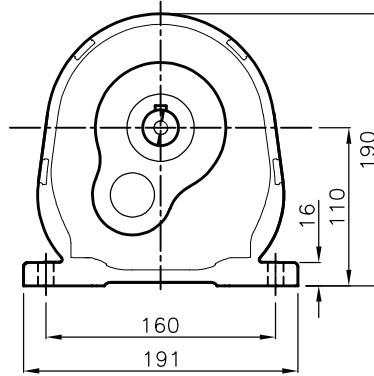
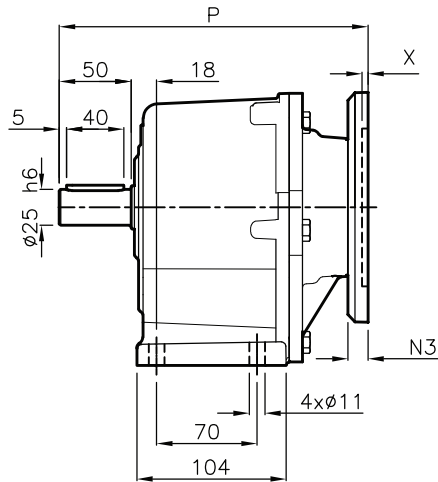
Input



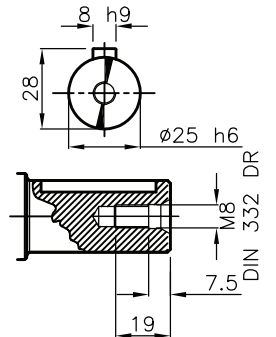
PS 20

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 20 P 2S_HS	233	153	40	19	21.5	6	5	30	M6	5	16	9.8
PS 20 F 2S_HS	233	153	40	19	21.5	6	5	30	M6	5	16	9.8
PS 20 P 3S_HS	230	153	40	16	18	5	5	30	M6	5	16	9.8
PS 20 F 3S_HS	230	153	40	16	18	5	5	30	M6	5	16	9.8

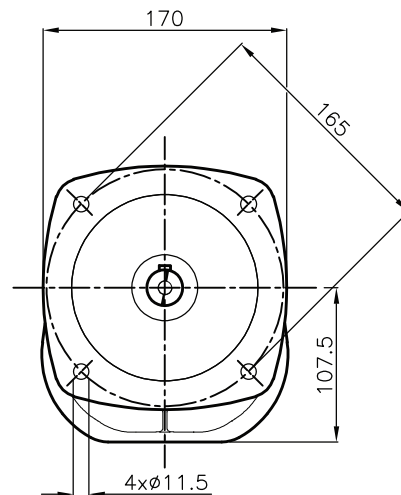
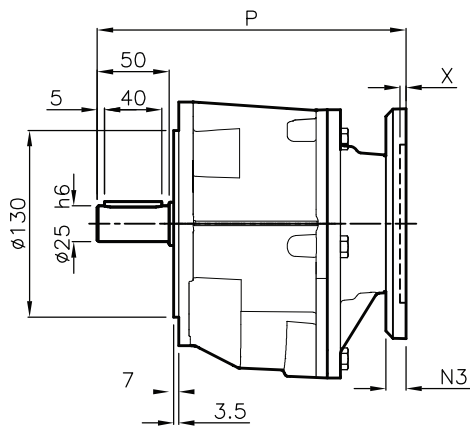
P 2S P 3S



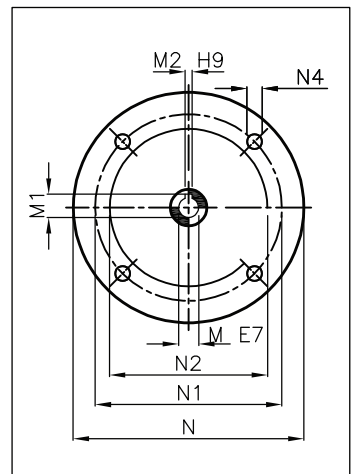
Output



F 2S F 3S



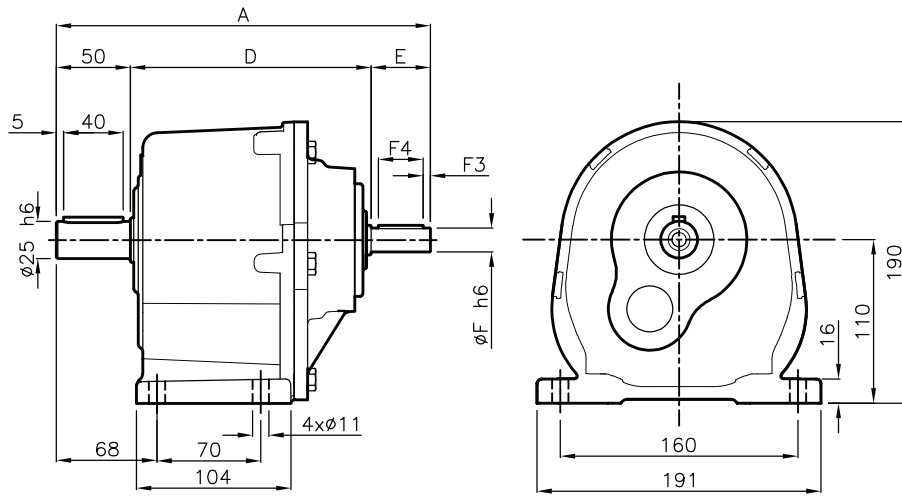
Input



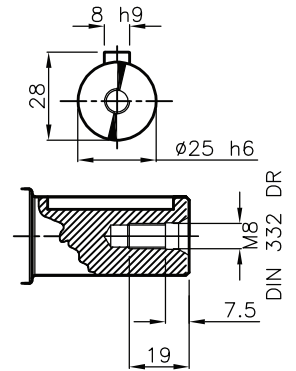
PS 25

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 25 2S_071	14	16.3	5	160	130	110	-	M8x16	4	215	215	14
PS 25 2S_080	19	21.8	6	200	165	130	-	M10x12	5	220	220	14
PS 25 2S_090	24	27.3	8	200	165	130	-	M10x12	5	220	220	14
PS 25 3S_063	11	12.8	4	140	115	95	-	M8x19	3.5	214	214	13.5
PS 25 3S_071	14	16.3	5	160	130	110	-	M8x16	4	214	214	13.5

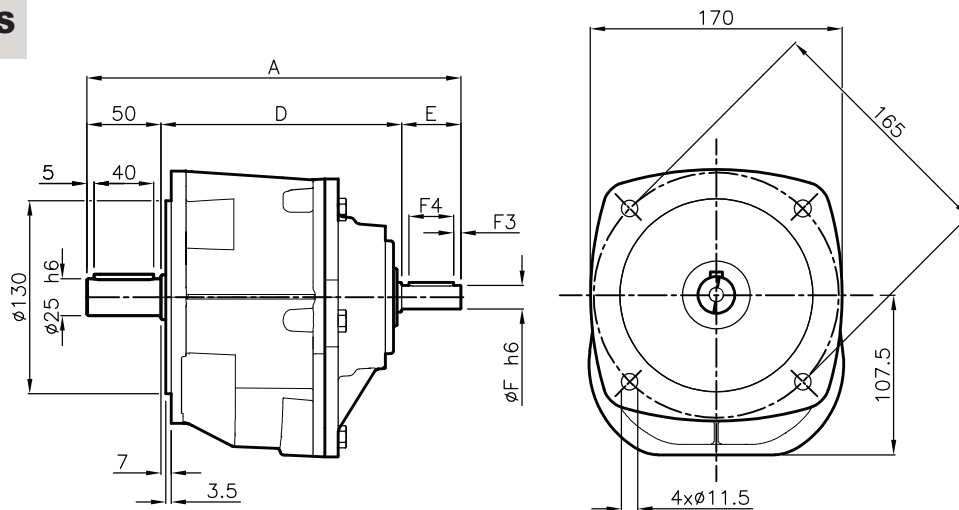
P 2S HS P 3S HS



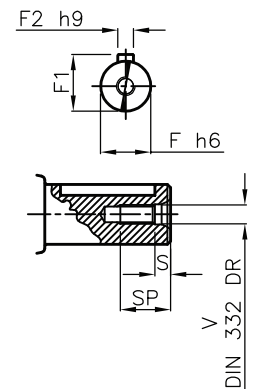
Output



F 2S HS F 3S HS



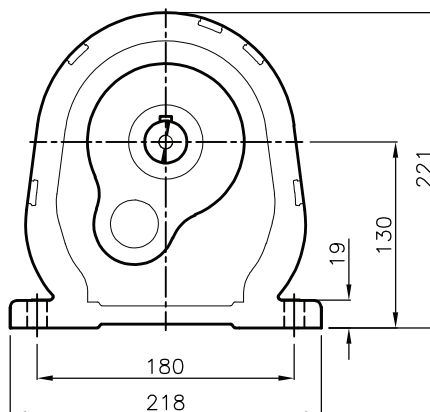
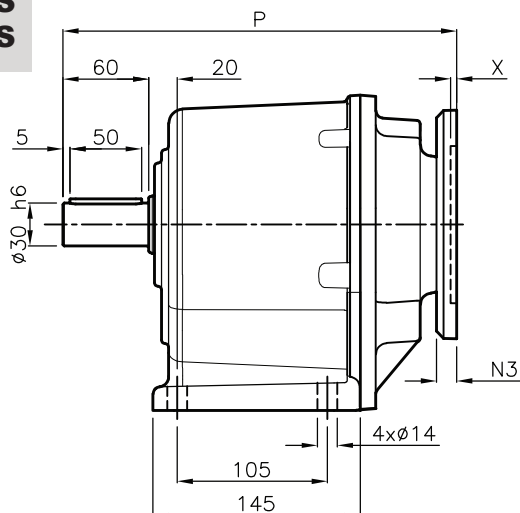
Input



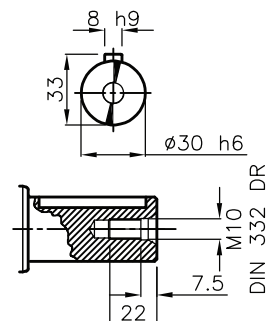
PS 25

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 25 P 2S_HS	252	162	40	19	21.5	6	5	30	M6	5	16	14
PS 25 F 2S_HS	252	162	40	19	21.5	6	5	30	M6	5	16	14
PS 25 P 3S_HS	250	160	40	16	18	5	5	30	M6	5	16	13.5
PS 25 F 3S_HS	250	160	40	16	18	5	5	30	M6	5	16	13.5

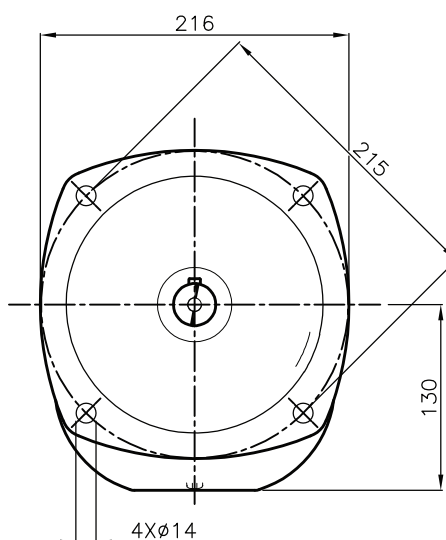
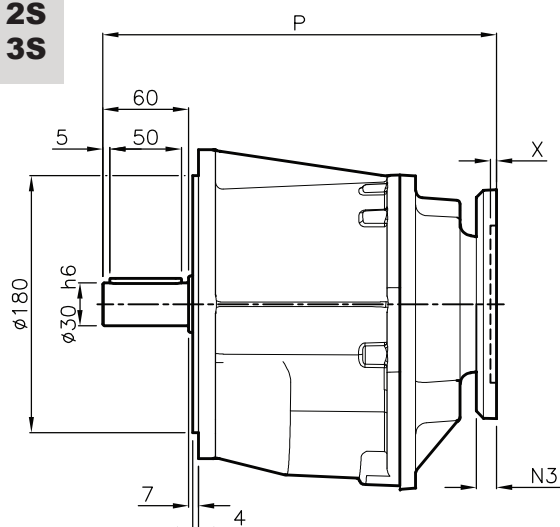
P 2S P 3S



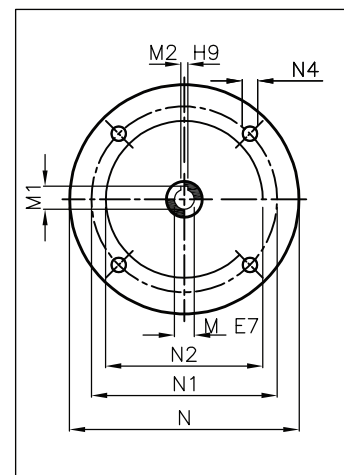
Output



F 2S F 3S



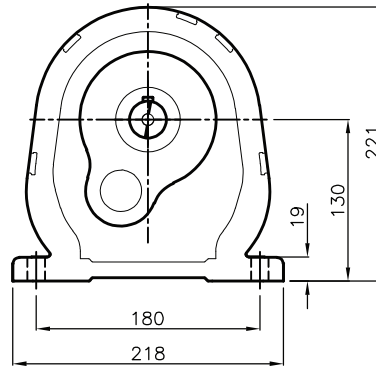
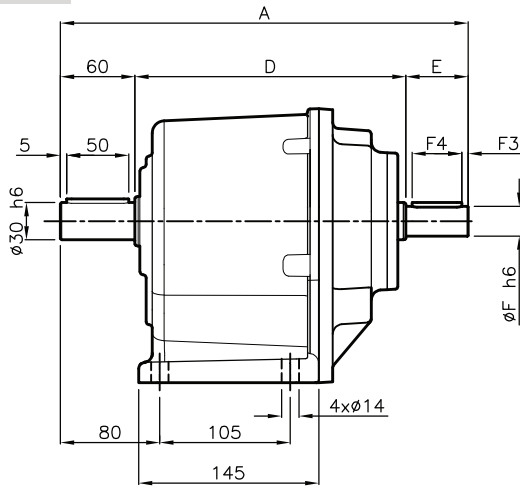
Input



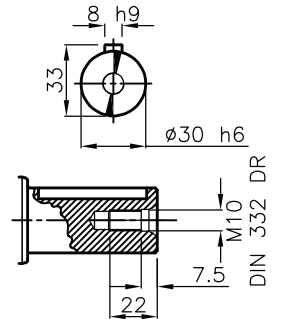
PS 30

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 30 2S_071	14	16.3	5	160	130	110	-	M8x16	4	283	283	23
PS 30 2S_080	19	21.8	6	200	165	130	-	M10x12	5	283	283	23
PS 30 2S_090	24	27.3	8	200	165	130	-	M10x12	5	283	283	23
PS 30 2S_100	28	31.3	8	250	215	180	-	M12x16	5	283	283	23
PS 30 2S_112	28	31.3	8	250	215	180	-	M12x16	5	283	283	23
PS 30 3S_071	14	16.3	5	160	130	110	-	M8x19	4	275	275	22.5
PS 30 3S_080	19	21.8	5	200	165	130	-	M10x19	5	280	280	22.5
PS 30 3S_090	24	27.3	5	200	165	130	-	M10x19	5	280	280	22.5

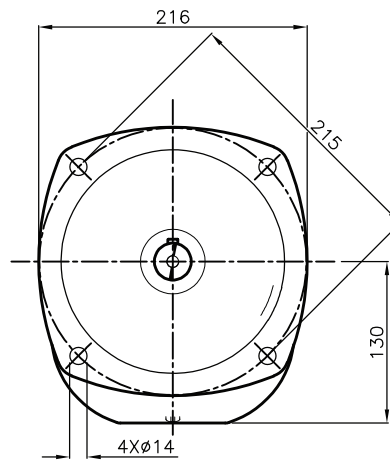
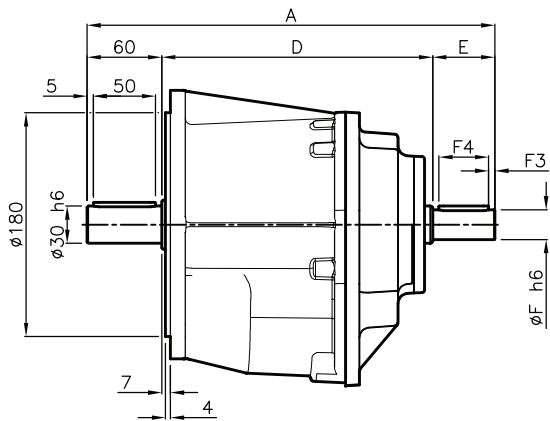
P 2S HS P 3S HS



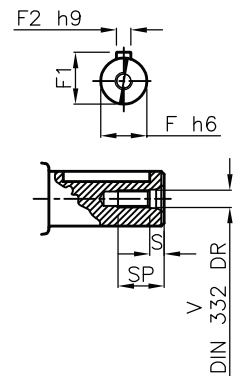
Output



F 2S HS F 3S HS



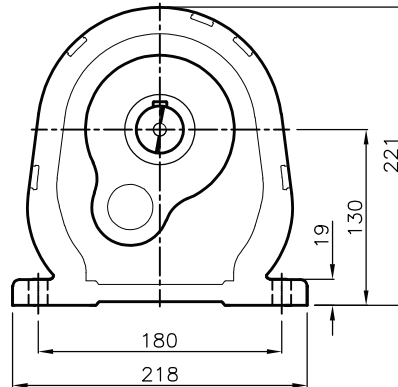
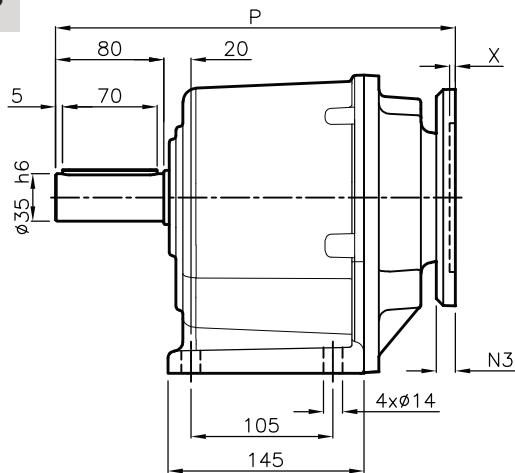
Input



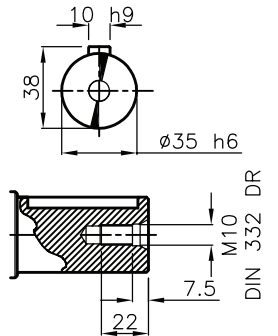
PS 30

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 30 P 2S_HS	329	219	50	24	27	8	5	40	M8	6	19	23
PS 30 F 2S_HS	329	219	50	24	27	8	5	40	M8	6	19	23
PS 30 P 3S_HS	313	213	40	19	21.5	6	5	30	M6	5	16	22.5
PS 30 F 3S_HS	313	213	40	19	21.5	6	5	30	M6	5	16	22.5

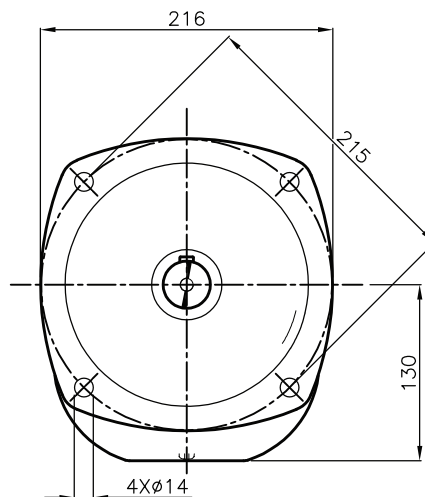
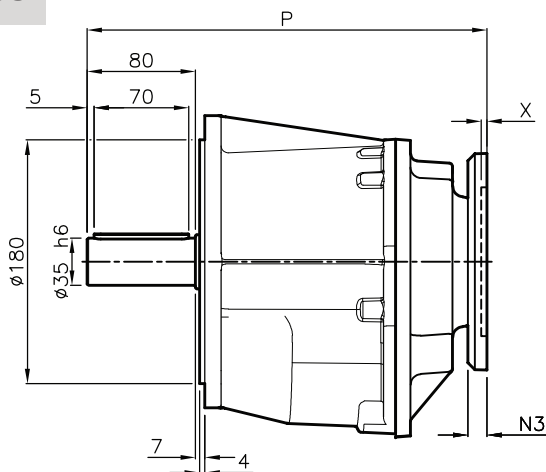
P 2S P 3S



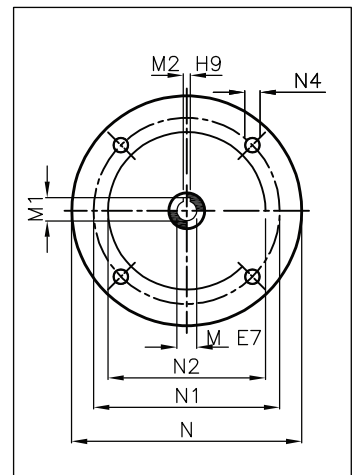
Output



F 2S F 3S



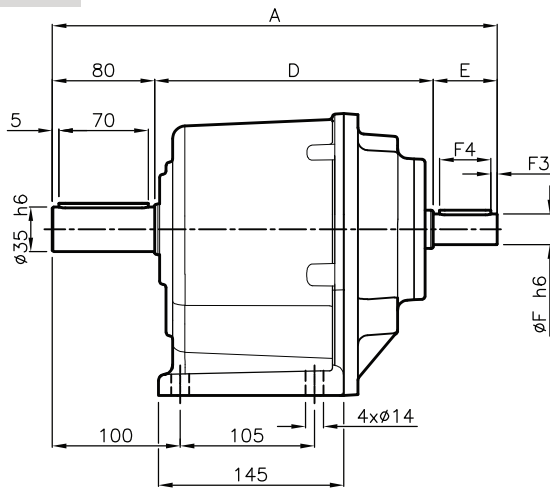
Input



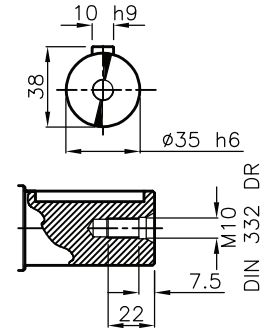
PS 35

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 35 2S_071	14	16.3	5	160	130	110	-	M8x16	4	303	303	24
PS 35 2S_080	19	21.8	6	200	165	130	-	M10x12	5	303	303	24
PS 35 2S_090	24	27.3	8	200	165	130	-	M10x12	5	303	303	24
PS 35 2S_100	28	31.3	8	250	215	180	-	M12x16	5	303	303	24
PS 35 2S_112	28	31.3	8	250	215	180	-	M12x16	5	303	303	24
PS 35 3S_071	14	16.3	5	160	130	110	-	M8x19	4	295	295	23.5
PS 35 3S_080	19	21.8	5	200	165	130	-	M10x19	5	300	300	23.5
PS 35 3S_090	24	27.3	5	200	165	130	-	M10x19	5	300	300	23.5

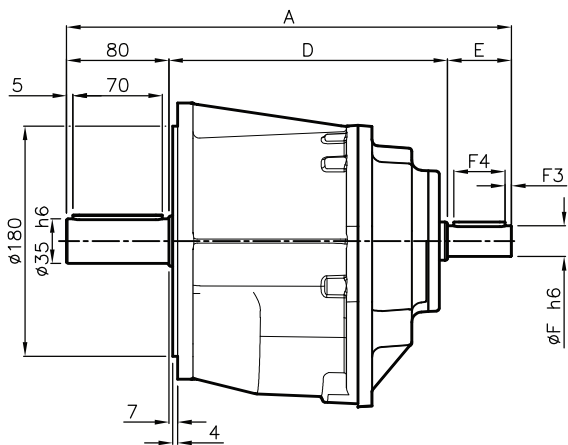
P 2S HS P 3S HS



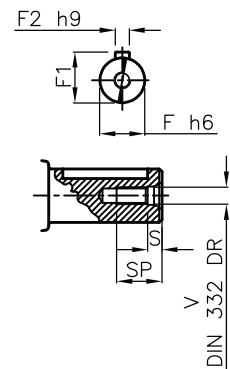
Output



F 2S HS F 3S HS



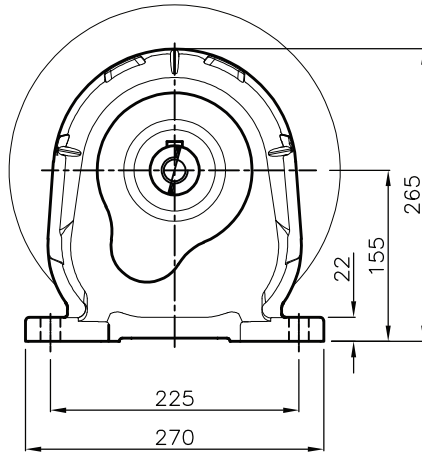
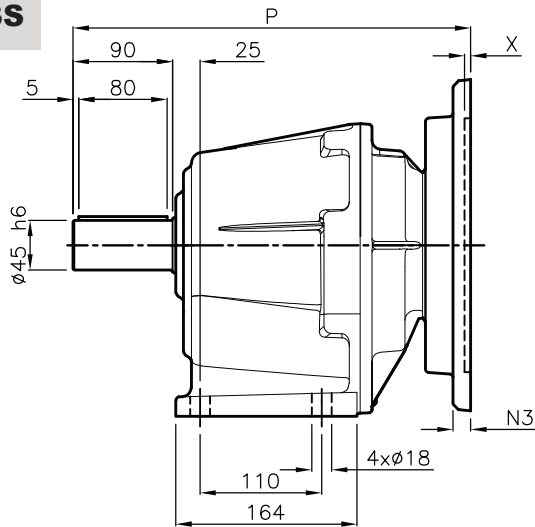
Input



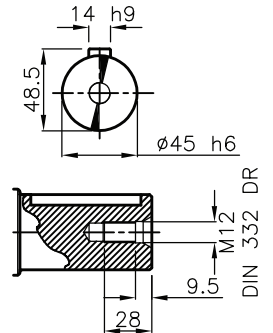
PS 35

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 35 P 2S_HS	349	219	50	24	27	8	5	40	M8	6	19	24
PS 35 F 2S_HS	349	219	50	24	27	8	5	40	M8	6	19	24
PS 35 P 3S_HS	333	213	40	19	21.5	6	5	30	M6	5	16	23.5
PS 35 F 3S_HS	333	213	40	19	21.5	6	5	30	M6	5	16	23.5

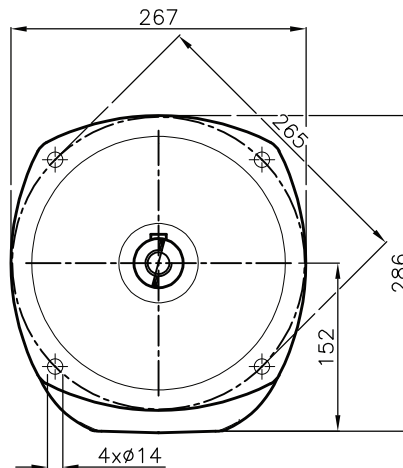
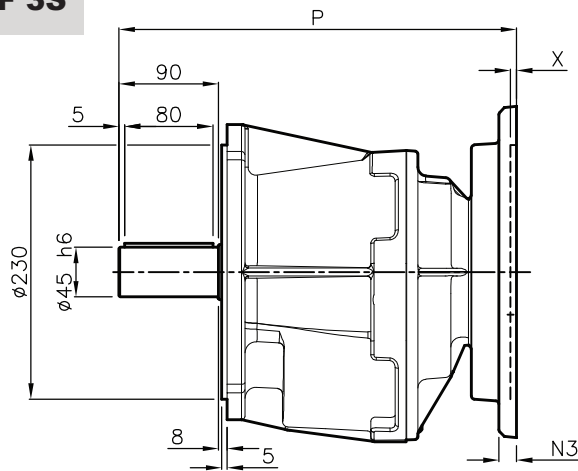
P 2S P 3S



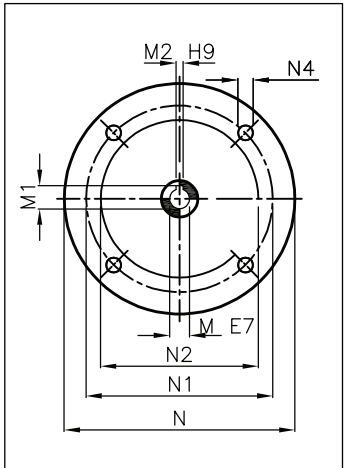
Output



F 2S F 3S



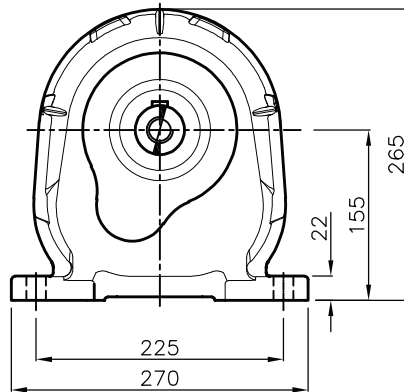
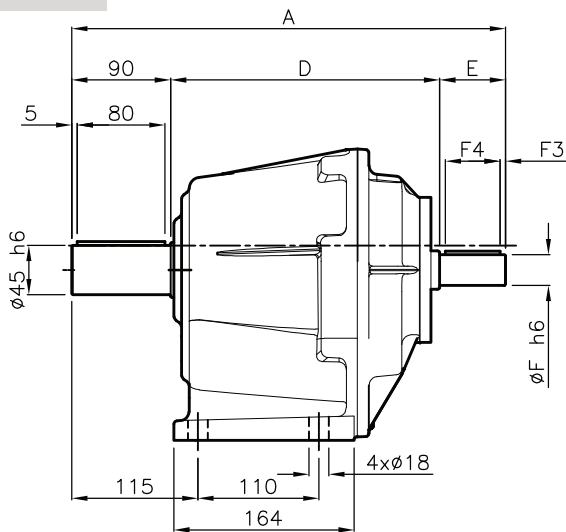
Input



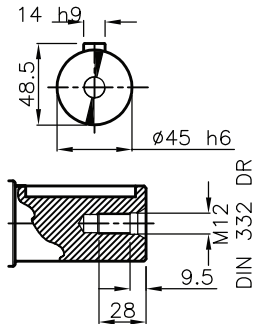
PS 45

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 45 2S_090	24	27.3	8	200	165	130	-	M10x12	4	340	340	40
PS 45 2S_100	28	31.3	8	250	215	180	16	16	5	340	340	40
PS 45 2S_112	28	31.3	8	250	215	180	16	13	5	340	340	40
PS 45 2S_132	38	41.3	10	300	265	230	16	14	5	360	360	40
PS 45 3S_071	14	16.3	5	160	130	110	-	M8x16	4	350	350	35
PS 45 3S_080	19	21.8	6	200	165	130	-	M10x19	5	350	350	35
PS 45 3S_090	24	27.3	8	200	165	130	-	M10x19	5	350	350	35
PS 45 3S_100	28	31.3	8	250	215	180	-	M12x16	5	350	350	35
PS 45 3S_112	28	31.3	8	250	215	180	-	M12x16	5	350	350	35

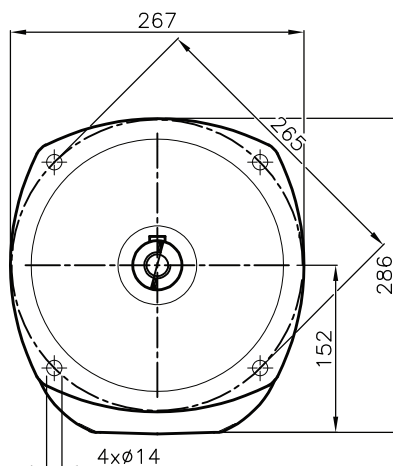
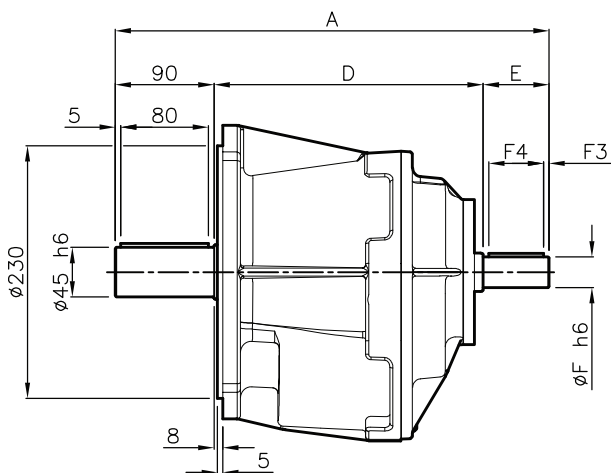
P 2S HS P 3S HS



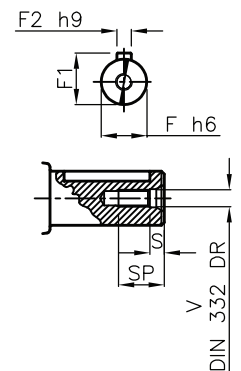
Output



F 2S HS F 3S HS



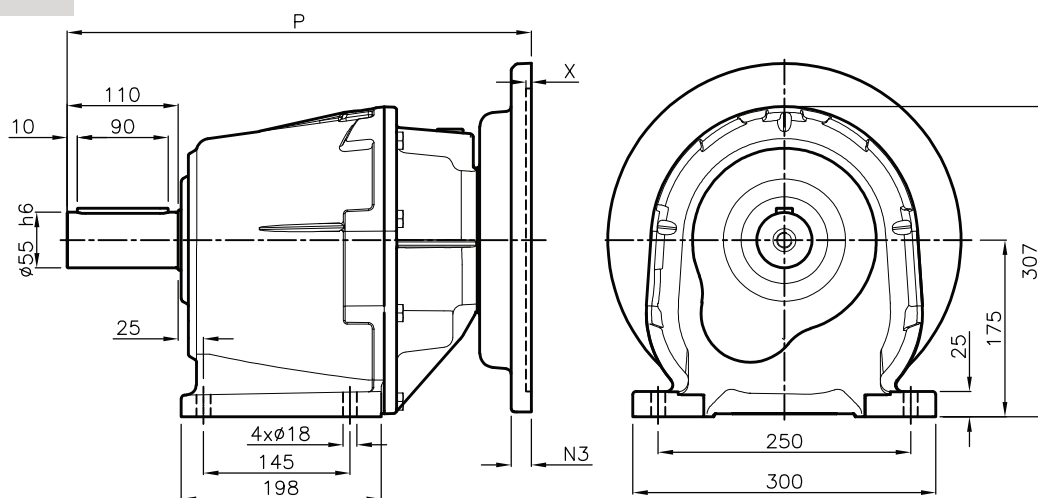
Input



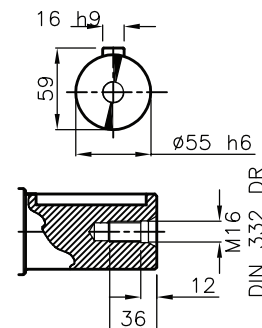
PS 45

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 45 P 2S_HS	395	245	60	28	31	8	5	50	M10	7.5	22	40
PS 45 F 2S_HS	395	245	60	28	31	8	5	50	M10	7.5	22	40
PS 45 P 3S_HS	395	255	50	24	27	8	5	40	M8	6	19	35
PS 45 F 3S_HS	395	255	50	24	27	8	5	40	M8	6	19	35

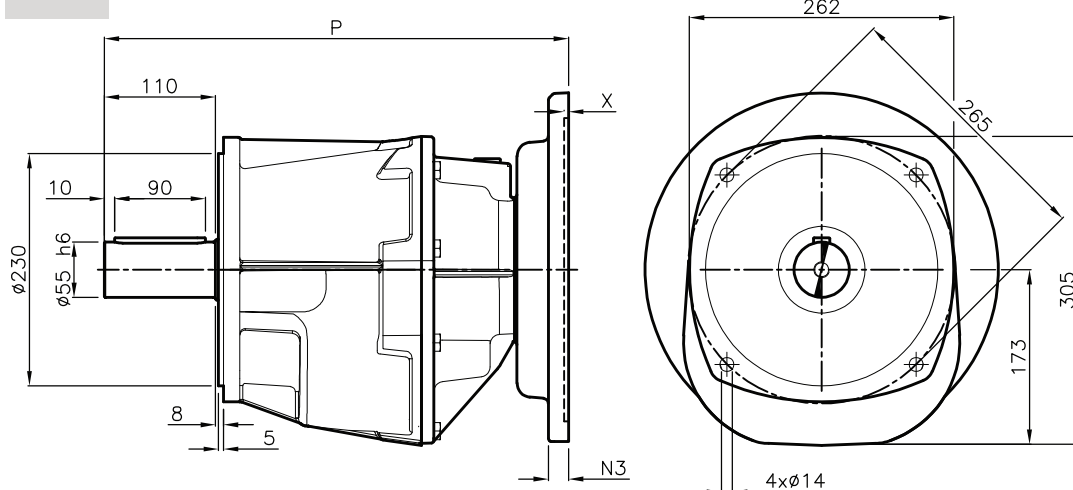
P 2S P 3S



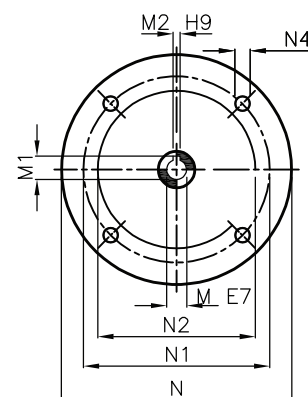
Output



F 2S F 3S



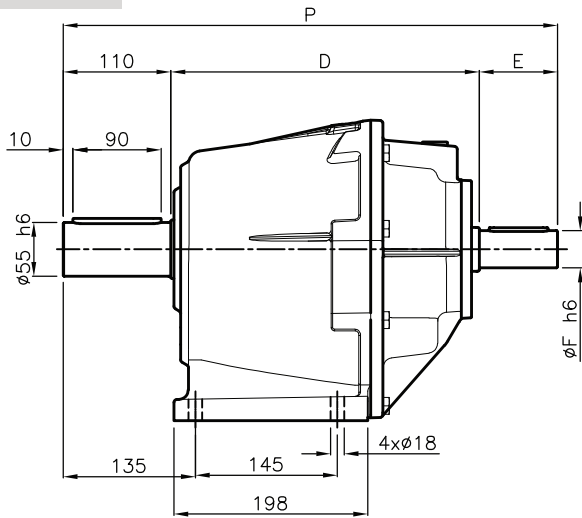
Input



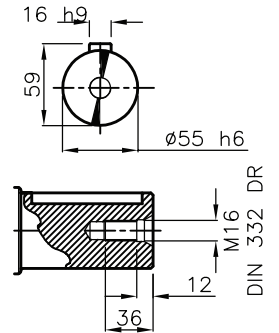
PS 55

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 55 2S_100	28	31.3	8	250	215	180	16	13	5	430	430	61
PS 55 2S_112	28	31.3	8	250	215	180	16	13	5	430	430	61
PS 55 2S_132	38	41.3	10	300	265	230	16	14	5	430	430	61
PS 55 2S_160	42	45.3	12	350	300	250	20	18	6	460	460	61
PS 55 3S_080	19	21.8	6	200	165	130	-	M10x19	4	422	422	56
PS 55 3S_090	24	27.3	8	200	165	130	-	M10x19	4	422	422	56
PS 55 3S_100	28	31.3	8	250	215	180	-	M12x16	5	422	422	56
PS 55 3S_112	28	31.3	8	250	215	180	-	M12x16	5	442	442	56
PS 55 3S_132	38	41.3	10	300	265	230	16	14	5	442	442	56

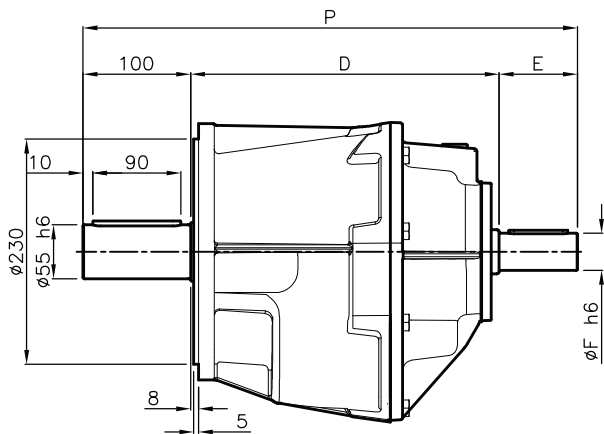
P 2S HS P 3S HS



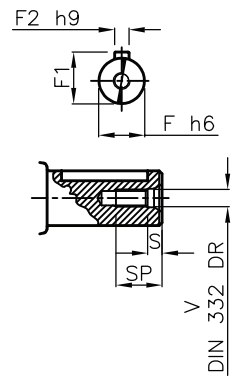
Output



F 2S HS F 3S HS



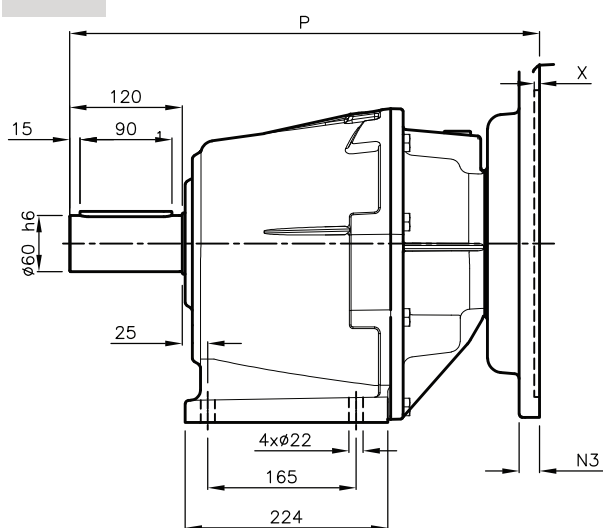
Input



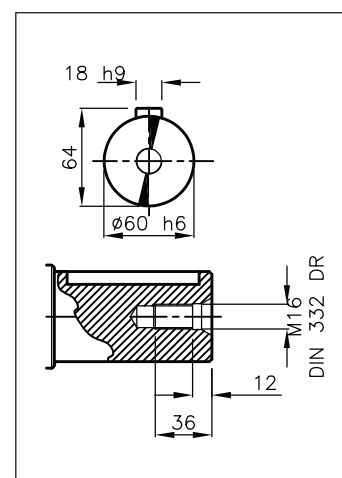
PS 55

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 55 P 2S_HS	505	315	80	38	41	10	10	60	M12	9.5	28	61
PS 55 F 2S_HS	505	315	80	38	41	10	10	60	M12	9.5	28	61
PS 55 P 3S_HS	476	305	60	28	31	8	5	50	M10	7.5	22	56
PS 55 F 3S_HS	476	305	60	28	31	8	5	50	M10	7.5	22	56

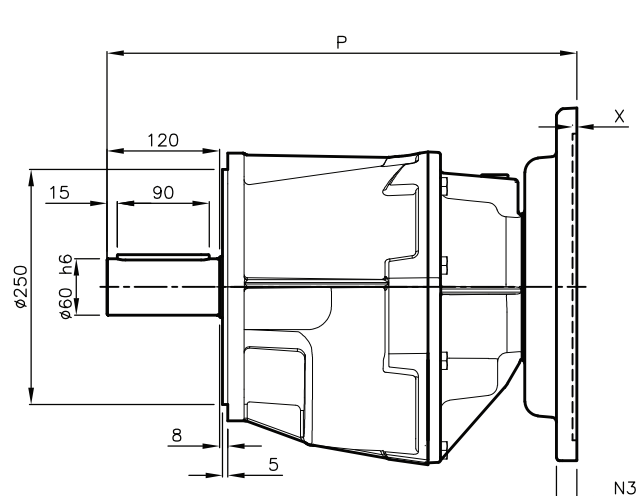
P 2S P 3S



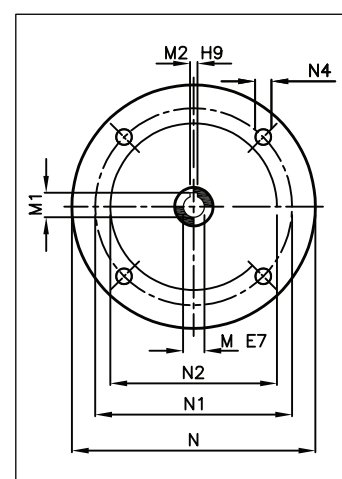
Output



F 2S F 3S



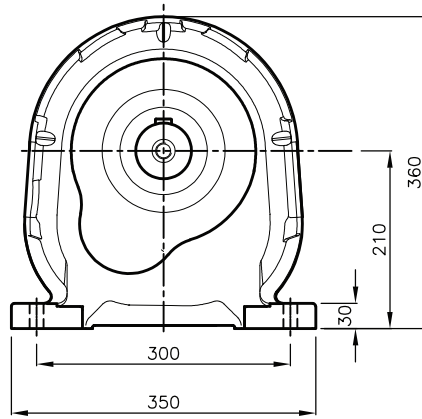
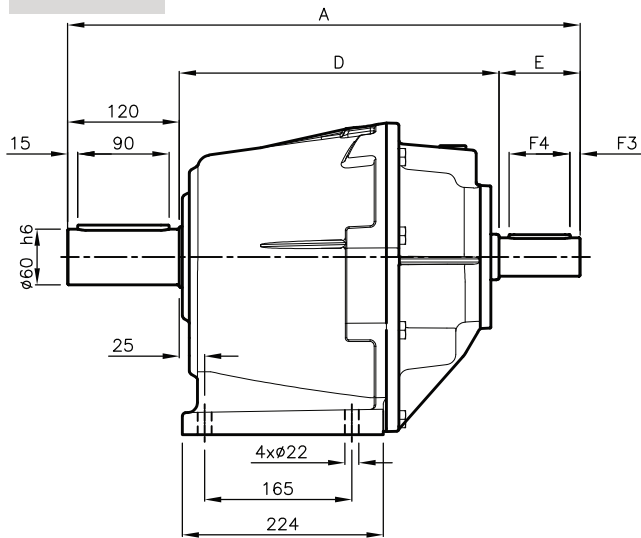
Input



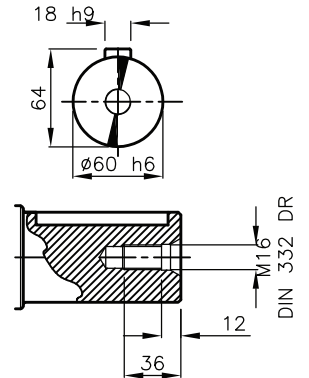
PS 60

	M	M1	M2	N	N1	N2	N3	N4	X	P	F	kg
PS 60 2S_132	38	41.3	10	300	265	230	16	14	5	470	470	91
PS 60 2S_160	42	45.3	12	350	300	250	20.5	18	6	495	495	91
PS 60 2S_180	48	51.8	14	350	300	250	20.5	18	6	495	495	91
PS 60 3S_080	19	21.8	6	200	165	130	-	M10x19	4	457	457	86
PS 60 3S_090	24	27.3	8	200	165	130	-	M10x19	4	457	457	86
PS 60 3S_100	28	31.3	8	250	215	180	-	M12x16	5	457	457	86
PS 60 3S_112	28	31.3	8	250	215	180	-	M12x16	5	457	457	86
PS 60 3S_132	38	41.3	10	300	265	230	16	14	5	477	477	86

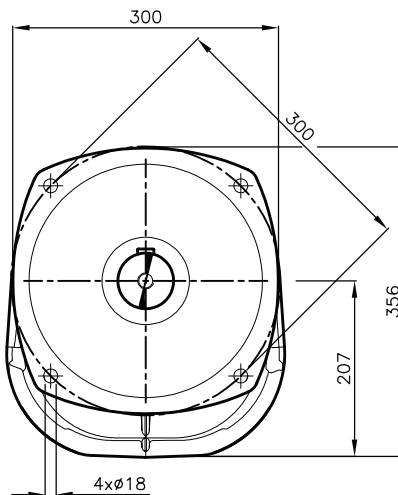
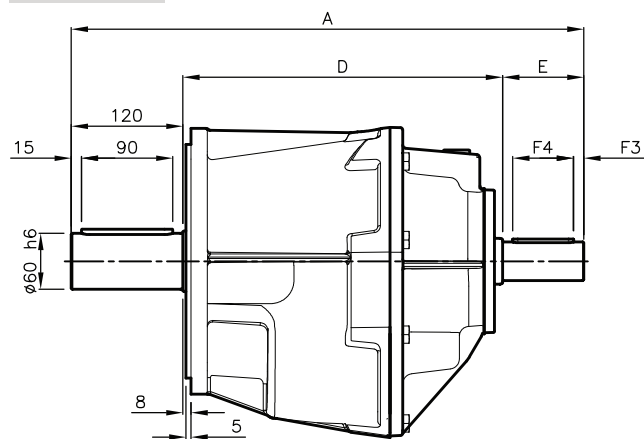
P 2S HS P 3S HS



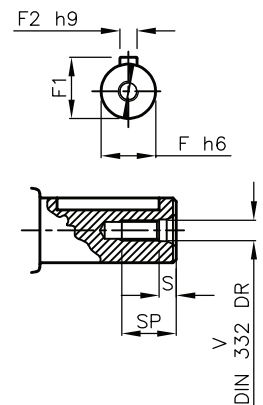
Output



F 2S HS F 3S HS



Input



PS 60

	A	D	E	F	F1	F2	F3	F4	V	S	SP	KG
PS 60 P 2S_HS	575	345	110	42	45	12	10	90	M12	9.5	28	91
PS 60 F 2S_HS	575	345	110	42	45	12	10	90	M12	9.5	28	91
PS 60 P 3S_HS	535	335	80	38	41	10	10	60	M12	9.5	28	86
PS 30 F 3S_HS	535	335	80	38	41	10	10	60	M12	9.5	28	86



24. ABOUT US

Established in 1984, Indosculp is a **IATF 16949** certified company. Based in Ahmednagar, we have 40,000 Sq. Ft State of the Art Manufacturing Facility. Indosculp specializes in the production of In-line Helical gearboxes for industrial, quarry and mining applications.

The PS Series gear units are designed in unibox housing to consume optimal installation space and can operate in harsh environments with minimum downtimes. Strict quality control measures are adopted at each stage of manufacturing and assembly of the gearbox.

Excellence is our number one priority.

We use the latest technologies to optimize our daily production. Indosculp is fully committed to a more sustainable workplace and supports various local initiatives.

All Indosculp employees pay utmost attention to smallest details, to ensure that our customers receive products with unrivalled quality.

NOTES

APPLICATIONS



Oven, Dryer, Fryer



Mixer, Kneader, Crushers



Bagging Machines & Conveyors



Palletizing Machines



Wrapping Machines



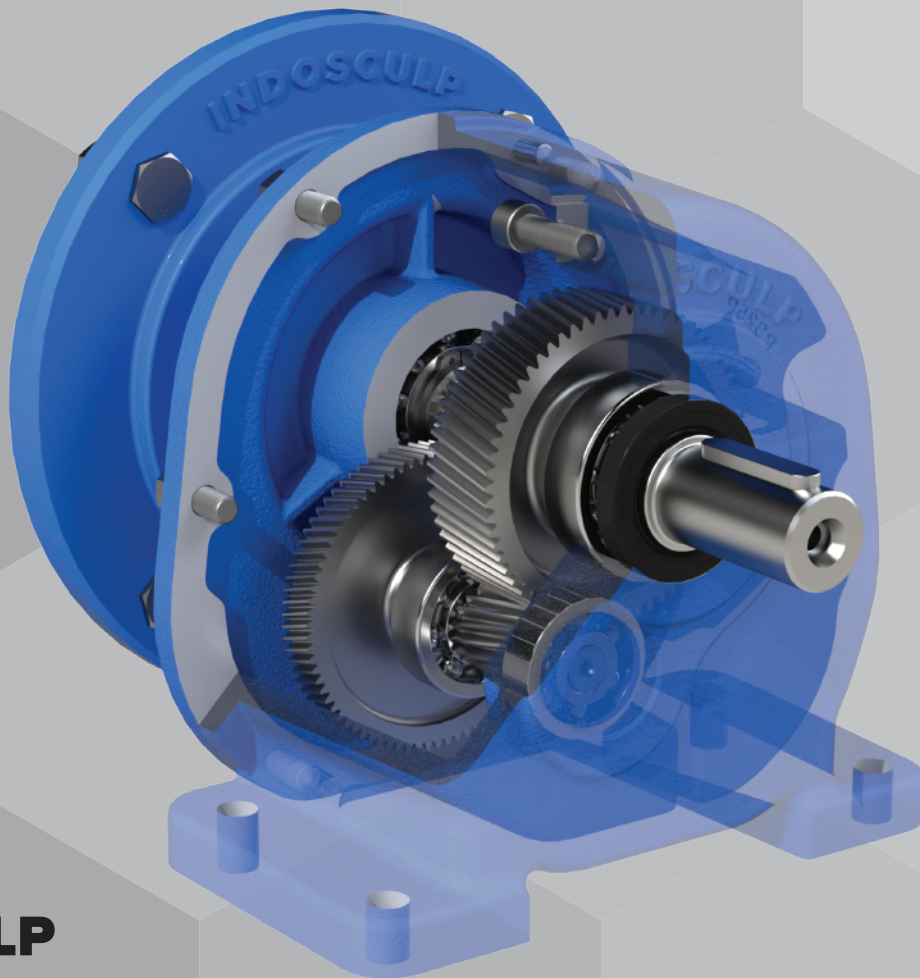
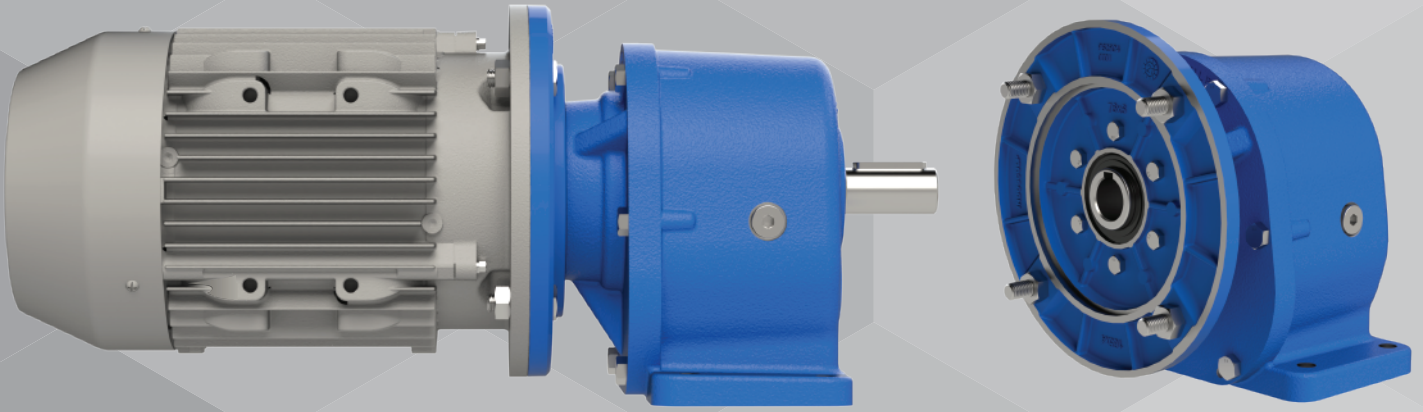
Drag Conveyor



Feeding Systems, Washing & Sorting Systems



Overhead Cranes, Gantry Cranes



INDOSCULP

IATF 16949 Certified Company

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E-Catalogue

