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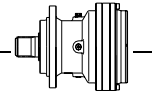
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This catalogue presents **Hangzhou Ever-Power Transmission Co., Ltd.**'s range of Series **EP** modular planetary gearboxes.

The use of planetary gear units in the field of power transmission is the modern answer to the demand for compactness constructive simplicity, high product reliability and efficiency.

Products of the company are as follows:

- 1, EP300 series planetary drives.
- 2, EP400 series wheel drives.
- 3, EP600 series track drives.
- 4, EP700 series slewing drives



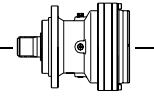
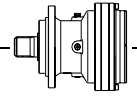


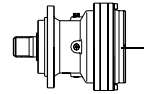
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Symbols, units of measure and description

| Symbol | Unit | Description |
|------------------|------------------------|---|
| A_{C1} | (N) | Calculated thrust load at gearbox input shaft |
| A_{C2} | (N) | Calculated thrust load at gearbox output shaft |
| A_{n1} | (N) | Rated thrust load at gearbox input shaft |
| A_{n2} | (N) | Rated thrust load at gearbox output shaft |
| F_h | | Lifetime factor for gearbox calculation |
| F_{h1}, F_{h2} | | Lifetime factor for bearing shafts calculation |
| f_{h1}, f_{h2} | | Load corrective factor on shafts |
| f_m | | Increase factor |
| f_s | | Service factor |
| f_t | | Thermal factor |
| f_{tp} | | Temperature factor |
| f_v | | Speed factor |
| h | (h) | Lifetime in hours |
| i | | Gearbox ratio |
| M_2' | (N.m) | Reference torque |
| M_2 | (N.m) | Torque delivered to output shaft |
| M_b | (N.m) | Rated brake torque |
| M_{c2} | (N.m) | Calculated torque at gearbox output |
| M_{n2} | (N.m) | Gearbox rated output torque |
| M_{n2}' | (N.m) | Gearbox rated output torque, life time=10000 hours |
| M_{2max} | (N.m) | Gearbox max. output torque |
| M_{r1} | (N.m) | Require torque at gearbox input |
| M_{r2} | (N.m) | Require torque at gearbox output |
| n_1, n_2 | (min^{-1}) | Angular speed at gearbox input, Angular speed at gearbox output |
| P | (bar) | Hydraulic oil pressure |
| P_1 | (KW) | Max. transmissible power at gearbox input |
| P_1' | (KW) | Transmissible power at gearbox input |
| P_2 | (KW) | Transmissible power at gearbox output |
| P_n | (KW) | Gearbox rated power |
| P_{r1} | (KW) | Required input power |
| P_{r2} | (KW) | Output power at n_2 max. |
| P_{r2}' | (KW) | Output power at n_2 min. |
| P_s | (KW) | Excess power |
| P_t | (KW) | Gearbox thermal capacity |
| Q | (L/min) | Hydraulic flow rate |
| R_{c1}, R_{c2} | (N) | Calculated radial load of gearbox input shaft, Calculated radial load of gearbox output shaft |
| R_{x1} | (N) | Rated radial load at gearbox input re-calculated with respect to different load application points |
| R_{x2} | (N) | Rated radial load at gearbox output re-calculated with respect to different load application points |
| S | | Safety factor |
| t_a | ($^{\circ}\text{C}$) | Ambient temperature |
| V | cm^3 | Hydraulic motor displacement |
| V_c | cm^3 | Theoretical hydraulic motor displacement |
| X | mm | Load application distance from shaft shoulder |
| η_d | | Dynamic efficiency |



TECHNICAL CHARACTERISTICS AND GENERAL INFORMATION

1. OUTPUT TORQUE

1.1 Reference torque M_2' (N.m)

Indicative output torque to easily establish the performance class for each gearbox basic size.

1.2 Gear motor delivered torque M_2 (N.m)

This is the net torque delivered to the output shaft, with installed power P_n , safety factor S , which will yield a theoretical lifetime of 10000 hours. This torque value takes gearbox efficiency into consideration.

1.3 Nominal torque M_{n2} (N.m)

Torque transmission at output at uniform continuous load, service factor $f_s=1$ for different fixed values of the life factor ($n_2 \times h$).

1.4 Rated output torque M_{n2}' (N.m)

This is the torque output the gearbox can deliver safely, based on: uniform loading and safety factor $S=1$, 10000 hours theoretical lifetime.

1.5 Max. torque M_{2max} (N.m)

It is the output torque that the reduction unit can withstand in static or highly intermittent conditions. (It is considered as instantaneous load peak torque or starting torque under load).

1.6 Required torque M_{r2} (N.m)

This is the torque corresponding to application requirements. It must always be equal or less than rated output torque M_{n2} of the selected gearbox.

1.7 Calculated torque M_{c2} (N.m)

Torque value to be used for selecting the gearbox, considering required torque M_{r2} and service factor f_s (table 3), and is obtained by formula:

$$M_{c2} = M_{r2} \times f_s < M_{n2} \quad (F1)$$

Where M_{n2} is the value for the specific application taking into consideration the life factor ($n_2 \times h$)

2. POWER

2.1 Input rated power P_1 (KW)

Power P_1 indicated in the specification table for each gearbox size is either the intermittent or continuous power which can be transmitted at the gearbox input under the following conditions:

| | |
|----------------------|---------|
| Input speed | n_1 |
| Theoretical duration | 1000 h |
| Service factor | $f_s=1$ |

Check that the formula here below is always satisfied:

$$P_1' \times f_s < P_1 \quad (F2)$$

2.2 Output power P_2 (KW)

This value is the power transmitted at gearbox output. It can be calculated with the following formulas:

$$P_2 = P_1 \times \eta_d \quad (F3)$$

$$P_2 = (M_{r2} \times n_2) / 9549 \quad (F4)$$

3. THERMAL POWER P_t (KW)

This value indicates the gearbox's thermal capacity (refer to the technical data concerning the gearboxes under consideration) and is the power that can be transmitted under continuous duty, at an input speed n_1 of 1500 min^{-1} at an ambient temperature of 20°C without using a supplementary cooling device.

For a duty cycle with short operating periods and sufficiently long pauses to allow the unit to cool, thermal power is not particularly important and therefore it does not need to be taken into consideration.

At an ambient temperature other than 20°C under intermittent duty conditions and with an input speed n_1 other than 1500 min^{-1} it is possible to calculate the P_t value according to the thermal factor f_t and the speed factor f_v , shown in table (1).

Make sure that the following condition is always satisfied: $P_{r1} \leq P_t \times f_t \times f_v$ (F5)

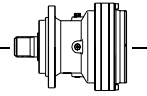


Table: 1

| ta max. (°C) | ft | | | | | n1 | fv |
|--------------|-----------------|---|-----|-----|-----|------|------|
| | Continuous duty | Intermittent duty | | | | | |
| | | Cyclic duration factor % (l) | | | | | |
| | | % (l) = $t_f / (t_f + t_r) \times 100\%$ (t_f : operating time under load) (t_r : rest time) | | | | | |
| 100% | 80% | 60% | 40% | 20% | | | |
| 10 | 1.2 | 1.3 | 1.6 | 1.8 | 2.0 | 500 | 1.7 |
| 20 | 1 | 1.1 | 1.3 | 1.5 | 1.7 | 750 | 1.5 |
| 30 | 0.9 | 1 | 1.2 | 1.3 | 1.5 | 950 | 1.2 |
| 40 | 0.7 | 0.8 | 0.9 | 1 | 1.2 | 1500 | 1 |
| 50 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1750 | 0.85 |
| | | | | | | 2000 | 0.7 |
| | | | | | | 2500 | 0.5 |
| | | | | | | 3000 | 0.4 |

4. DYNAMIC EFFICIENCY η_d

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

$$\eta_d = P_2 / P_1 \quad (F6)$$

Its value is a function of the transmitted power, the speed, the reduction ratio and oil temperature and viscosity. The maximum efficiency values are shown in the table (2) below.

Table 2:

| N° stage | | | |
|----------|--------|--------|--------|
| L1 | L2, R2 | L3, R3 | L4, R4 |
| 0.97 | 0.94 | 0.91 | 0.88 |

5. REDUCTION RATIO i

This is the ratio of gearbox input speed to gearbox output speed.

$$i = n_1 / n_2 \quad (F7)$$

6. ANGULAR SPEED

6.1 Input speed n_1 (min^{-1})

Refers to the speed of motor if motor is directly connected to gearbox. In the case of an indirect drive, this value is the speed of the motor divided by the transmission ratio of the indirect drive accessory (belt, chain, etc.).

Input speed should exceed the values indicated in the tables on gearbox technical features.

As for continuous operation in industrial applications, we recommend that speed of 1750 min^{-1} be never exceeded.

6.2 Output speed n_2 (min^{-1})

Calculated from input speed n_1 and transmission ratio i according to the following equation:

$$n_2 = n_1 / i \quad (F8)$$

7. SERVICE FACTOR f_s

Factor depending on the application type. This factor takes into consideration (with sufficient approximation) load variations which the gearbox may undergo for a specific type of duty. It also takes into consideration the selected type of the drive unit, electric or hydraulic motor and so on.

Table (3) gives indications for the service factor to be selected according to the application and operation type.

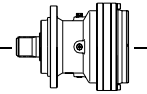


Table 3:

| | | SERVICE FACTOR f_s | | | | |
|---------------------|--------------------|--------------------------|------|------|------|------|
| | | Number of starts (/hour) | | | | |
| Type of load | Type of drive unit | 16 | 32 | 63 | 125 | 250 |
| Uniform load | Electric motor | 1.00 | 1.10 | 1.15 | 1.25 | 1.4 |
| | Hydraulic motor | 1.00 | 1.00 | 1.10 | 1.15 | 1.20 |
| | Endothermic engine | 1.25 | -- | -- | -- | -- |
| Moderate shock load | Electric motor | 1.10 | 1.15 | 1.20 | 1.40 | 1.60 |
| | Hydraulic motor | 1.00 | 1.00 | 1.10 | 1.20 | 1.30 |
| | Endothermic engine | 1.50 | -- | -- | -- | -- |
| Heavy shock load | Electric motor | 1.20 | 1.30 | 1.40 | 1.60 | 1.80 |
| | Hydraulic motor | 1.10 | 1.20 | 1.25 | 1.35 | 1.50 |
| | Endothermic engine | 2.00 | -- | -- | -- | -- |

8. SAFETY FACTOR S

This is the relationship of the gear unit rated power to the power of the electric motor actually driving the unit

$$S = P_{n1} / P_1 \quad (F9)$$

9. LIFE FACTOR F_{h1}, F_{h2}

Factor resulting by multiplying angular speed at input (n_1) or output (n_2) by actual operating working hours h , break time excluded.

$$F_{h1} = (n_1 \times h) \quad (F10)$$

$$F_{h2} = (n_2 \times h) \quad (F11)$$

Life factor is directly proportional to gearbox rpms during the whole duty time.

10. SELECTION

Some essential data are necessary for a proper gearbox of gear motor selection as indicated in table (4).

Fill in the table and send a copy to our technical service department which will select the most suitable gearbox for your application requirements.

11. GEARBOX SELECTION

a) Determine the following according to the required application:

- Service factor f_s (Table 3)
- Required gearbox working life (h)
- Required drive unit (hydraulic, electric or others)

b) Define the calculated torque with the required output torque M_{c2}

$$M_{c2} = M_{r2} \times f_s \quad (F12)$$

c) Calculate the life factor with required working life h and output speed n_2 :

$$F_{h2} = (n_2 \times h) \quad (F13)$$

d) Calculate the required reduction ratio:

$$i = n_1 / n_2 \quad (F14)$$

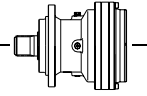
e) Select gearbox size which, having a reduction ratio close to the calculated value, and see the following:

$$M_{c2} \leq M_{n2} \quad (F15)$$

$$F_{h2} \leq (n_2 \times h) \quad (F16)$$

Where M_{n2} and F_{h2} are indicated in the tables on technical features for each gearbox size.

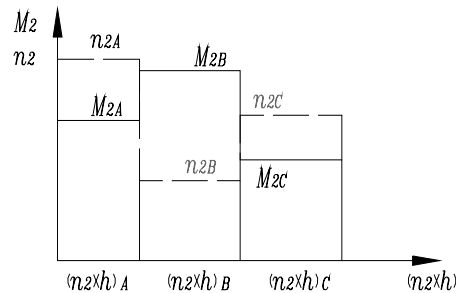
In case of applications in which the required M_{r2} and speed n_2 vary within a wide range, best



selection could be an equivalent required torque given by:

$$M_{r2} = \{[(n2 \times h)_A \times M_A^4 + (n2 \times h)_B \times M_B^4 + (n2 \times h)_C \times M_C^4 + \dots] / [(n2 \times h)_A + (n2 \times h)_B + (n2 \times h)_C + \dots]\}^{0.25}$$

Referred to:



And calculating the life factor F_h with:

$$F_{h \text{ calc}} = (n2 \times h)_A + (n2 \times h)_B + (n2 \times h)_C \quad (F17)$$

Then follow the same procedure as specified in d) and e).

Table (4): **DATA SHEET FOR SELECTING REDUCTION GEAR**

| Data application sheet for selecting reduction gear | |
|---|--|
| Name of client: | Address: Date: |
| Application description: | |
| Type of motor and drive unit: Electric /Hydraulic /Others | |
| Gearbox | |
| P_{r2} | Required output power: (Kw) |
| M_{r2} | Required output torque: (N.m) |
| n_2 | Output speed: (min^{-1}) |
| n_1 | Input speed: (min^{-1}) |
| R_{c2} | Radial load on output shaft: (N) |
| X_2 | Load application distance: (mm) |
| R_{c1} | Radial load on input shaft: (N) |
| X_1 | Load application distance: (mm) |
| A_{c2} | Thrust load on output shaft: (N) |
| A_{c1} | Thrust load on input shaft: (N) |
| h | Required life lifetime: (h) |
| t_a | Ambient temperature: ($^{\circ}\text{C}$) |
| Type: Linear Right angle | Brand: |
| Output version: | Type: |
| Accessories: | Min./Max. displacement: (cm^3) |
| Mounting position: | Max. operating pressure: (bar) |
| Lubricants: mineral /synthetic | Max. operating flow rate: (l/min^{-1}) |
| | Hydraulic brake: yes /no |
| | Brake torque Mb: (N.m) |

NOTE:

The selection criteria and specifications reported in this catalogue are not valid for any applications, including those where the gearbox is to serve as a safety device preventing injury to people or damage to objects, as is the case with hoisting equipment.

For these applications, however, the accordance with any safety rules in force. For this reason, we recommend that you seek advice from HZPT.

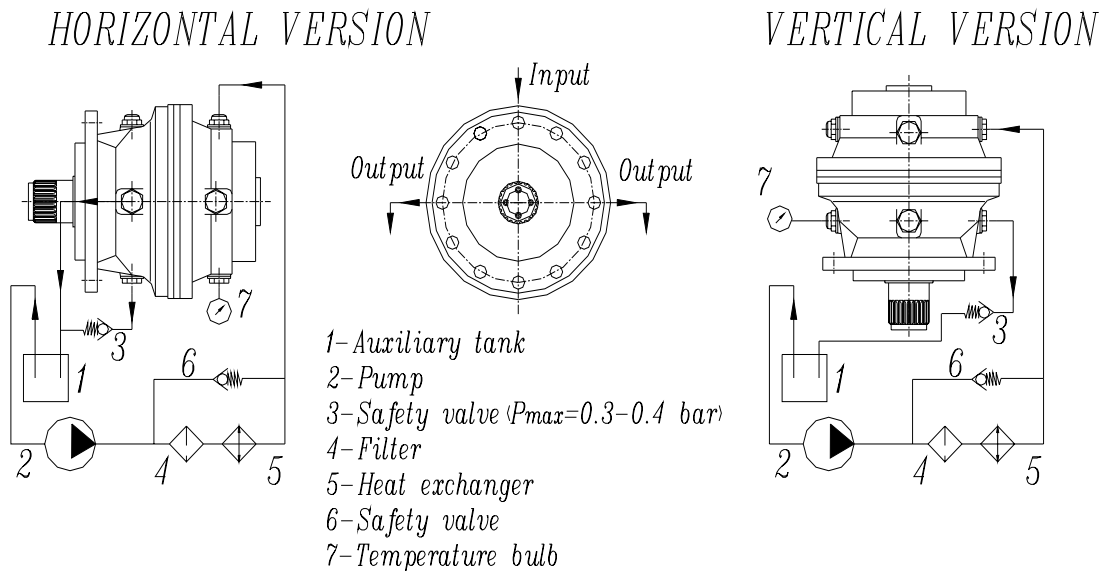
12. VERIFICATION

After selecting the drives units, please check the following:

a) Thermal power

Make sure that thermal power of the gearbox (shown in the tables in the chapters dealing with the gear unit series captioned) is equal to or greater than the power required by the application according to equation (F5) on page 5. If this condition is not reached, select larger gearbox or apply a forced cooling system.

Example of oil re-circulation cooling system:



b) Maximum torque

Make sure that the maximum torque (considered as instantaneous load peak torque or starting torque under load) does not exceed the M_{2max} value that the gearbox can withstand. (Refer to the technical data tables concerning the gearboxes sizes.)

c) Radial loads

Check that radial loads exerted on input and output shafts are lower than or equal to values indicated in the tables on gearbox technical features or charts for each gearbox size. In case they are greater than the indicated value, change either gearbox output version, gearbox size or system bearing arrangement.

To check proceed as follows:

Define radial loads Rc_1 at input and Rc_2 at output.

$$Rc_1 = 2000 \times Mc_1 \times Kr_1 / d_1 \quad (F18)$$

$$Rc_2 = 2000 \times Mc_2 \times Kr_2 / d_2 \quad (F19)$$

In which:

Mc_1, Mc_2 ----- Input and output calculated torque (N.m)

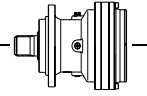
d_1, d_2 ----- Diameter of the part fitted onto the shaft (mm), pulley, gear or chain crown.

Kr_1, Kr_2 ----- Stress factor for radial load with following values

Chain crown ----- 1.0

Gear ----- 1.25

Belt pulley ----- 1.5-2.5



Define the thrust load position X onto shaft. Check this value with the chart indicating the load R_{x1} and R_{x2} bearable by the gearbox. Check that the following is satisfied:

$$RC_1 \leq R_{x1} \times f_{h1} \quad (F20)$$

$$RC_2 \leq R_{x2} \times f_{h2} \quad (F21)$$

Where f_{h1} and f_{h2} the radial and thrust load corrective factor depending on the required life factor F_{h1} and F_{h2} .

d) Thrust loads

check the thrust load, when exerted onto the output shaft, as specified for the radial load. The following should be satisfied:

$$\pm A_{c2} \leq \pm A_{n2} \times f_{h2} \quad (F22)$$

when a thrust load is combined with an axial load contact HZPT sales department.

13. HOW TO SELECT THE MOTOR

Electric motor

a) n_2 and dynamic efficiency η_d are known, calculate input power based on torque M_{r2} as follows:

$$P_{r1} = (M_{r2} \times n_2) / (9549 \times \eta_d) \quad \text{KW} \quad (F23)$$

Table (2) on page 6 reports the values of efficiency η_d related to the different reduction stages of the gearboxes.

b) Look up the motor selection charts and select a size with such rated power to satisfy this condition:

$$P_{r1} \leq P_n \quad (F24)$$

4-pole motor and over should be preferred.

Unless otherwise specified, power P_n of motors indicated in the catalogue refers to continuous duty S1.

For motors used in conditions other than S1, the type of duty required by reference to CEI 2-3/IEC 34-1 Standards must be mentioned.

For duties from S2 to S8 in particular and for motor frame 132 or smaller, extra power can be obtained with respect to continuous duty power, consequently the following condition must be satisfied:

$$P_{r1}/f_m \leq P_n \quad (F25)$$

The increased power factor f_m can be obtained from table (5).

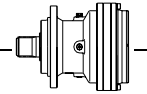
Table 5:

| fm | Duty | | | | | | |
|----|-------------------------------------|------|----|---|------|-----|-------------------|
| | S2 | | | S3* | | | S4-S8 |
| | Cycle duration (min ⁻¹) | | | Cyclic duration factor % (I) % (I) = $t_f / (t_f + t_r) \times 100\%$ (t_f : operating time under load) (t_r : rest time) | | | |
| | 10 | 30 | 60 | 25% | 40% | 60% | Please contact us |
| | 1.35 | 1.15 | 60 | 1.25 | 1.15 | 1.1 | |

***Cycle duration, in any event, must be 10 minutes or less. If it is longer, please contact HZPT technical service department.**

For duties other than S1 with considerable number of starts per hour, factor Z must be considered (it is ascertained by using the information in the motors chapter). Factor Z defines the maximum number of starts for the application under consideration.

c) For the output speed n_2 or closest to, select the gear motor that yields a safety factor S meeting the following condition: $S \geq f_s$ (F26)



Hydraulic motor

Determine hydraulic motor type according the application, choosing from the options given in guidance table (6).

Table 6:

| Duty | Light | | Medium | | Heavy | |
|----------------|---------------|----------------|---------------|----------------|--------------|----------------|
| Pressure (bar) | <175 | | 175-200 | | 200-450 | |
| Motor design | Orbital | Gear motor | Radial piston | Axial piston | Cam motor | Axial piston |
| Speed (rpm) | Mean <=700 | High <=3000 | Mean <=500 | High <=4000 | Low <=200 | Mean <=4000 |
| η_{mh} | 0.80 | 0.85 | 0.95 | 0.93 | 0.93 | 0.93 |
| η_v | 0.90 | 0.87 | 0.95 | 0.95 | 0.95 | 0.95 |

Based on the specifications of gearbox input:

Input torque ----- M_{r1} (N.m)

Input speed----- n_1 (min^{-1})

And on allowed pressure P (bar) for the hydraulic circuit, calculate the displacement of the hydraulic motor by formula:

$$V_c = (20 \times \pi \times M_{r1}) / (P \times \eta_{mh}) \quad \text{cm}^3 \quad (\text{F27})$$

Where η_{mh} is the hydraulic mechanical efficiency of the motor (Table 6).

Select a motor size with displacement V that satisfies the following condition:

$$V_c \leq V \quad (\text{F28})$$

Calculate the flow required for the hydraulic motor

$$Q_1 = (V \times n_1) / \eta_v \times 1000 \quad (\text{l/min}^{-1}) \quad (\text{F29})$$

Where η_v is the volumetric efficiency of the motor (Table 6).

14. INSTALLATION

Observing a few rules for correct installation is essential to the reliable and proper operation of the gearbox or gear motor.

The rules set out here are intended as a preliminary guide to select gearbox or gear motor. For effective and proper installation, follow the instructions given in the installation, use the maintenances manual for the gearbox available from our sales department.

Following is a brief outline of installation rules:

a) Fastening:

Place gearbox on a surface providing adequate rigidity. Mating surfaces should be machined and flat.

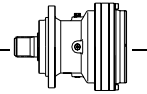
Mating surfaces must be within definite geometric tolerances (see manual). This is especially true of flange-mounted gearboxes with splined hollow shafts.

In applications that involve high radial loads at the output end, flange mounting is recommended for some gearbox sizes as this mounting makes use of the double pilot diameters provided in these gearboxes.

Make sure the gearbox is suitable for the required mounting position.

Use screws of resistance class 8.8 and over to secure the gearbox. Torque up screws to the figures indicated in the relevant tables.

With transmitted output torque greater than or equal to 70% of the indicated $M_{2\text{max}}$ torque, and with frequent movement reversals, use screws with minimum resistance 10.9.



Some gearbox sizes can be fastened using either screws or pins. pin seated in the frame of the gearboxes be at least 1.5 times pin diameter.

b) Connections

Secure the connection parts to gearbox input and output. Do not tap them with hammers or similar tools. To insert these parts, use the service screws and threaded holes provided on the shafts. Be sure to clean off any grease or protect from the shafts before fitting any connection parts.

Fitting hydraulic motors.

Be careful the O ring between motor flange and gearbox input flange when assembling. Install the hydraulic motor before filling lube oil into the gearbox.

Connecting the hydraulic brake.

The hydraulic circuit should be such to ensure that brake is released instantly before gearbox starts and applied after gearbox has stopped. Check that pressure in the hydraulic line for brake release is at zero whenever gearbox is stopped.

Direction of rotation

Motors are connected to the suitable electric or hydraulic circuit according to their direction of rotation. When performing these connections, bear in mind that all gearboxes, whether in the in-line or right angle design, have the same direction of rotation both at input and output. For more details of the connection of electric and hydraulic motors, see relevant sections in this catalogue.

c) Painting

Painted with antioxidant water primer in the colour red. Mating surfaces are not painted. Final coat is to be applied by the customer. Before painting, protect the seal rings installed on the shafts. Contact with paint may deteriorate the seals with subsequent oil leakage.

d) Lubrication

Before start-up, fill the gearbox with the recommended lube oil up to correct level. Level is checked through the suitable plug or sight glass provided on each gearbox depending on designated mounting position

15. MAINTENANCE

Gearboxes are virtually maintenance free under normal operating conditions. The only periodic operations required are checks on oil level and oil changes as follows:

Oil Changes

Change the oil first after 100-150 hours operation.

Subsequently, change the oil only every 2000-3000 hours operation depending on application.

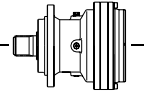
Alternatively change oil once a year.

Check the oil level in the gearbox every month and top up as necessary .

16. STORAGE

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

- a) Do not store outdoors, in areas exposed to weather or with excessive humidity;
- b) Always place boards in wood or other material between floor and products, to avoid direct contact with the floor;
- c) For storage periods of over 60 days, all machines surfaces such as flanges, shafts and coupling must be protected with a suitable anti oxidation product(SHELL ENSIS FLUID SDC or equivalent product);
- d) The following measures must be taken in respect of products for which the expected storage period



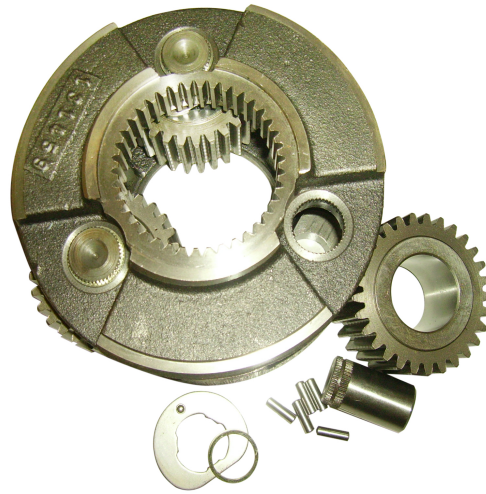
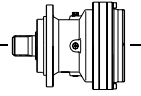
exceeds 6 months:

- d1) Cover outer machined parts and mating parts with grease to avoid oxidation;
- d2) Position the gearboxes with the breather plug up and fill them with oil (this does not apply to life-lubed gearboxes). Before use, the gearboxes should be filled with the proper amount lubricant of the recommended type

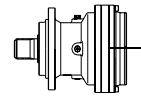
17. SUPPLY CONDITIONS

Gearboxes are supplied as follows:

- a) ready for installation in the mounting position specified on order;
- b) dry inner parts are protected by a film of the oil used for final testing;
- c) painted with antioxidant water primer in the color red, Mating surfaces are not painted and are covered with a film or protective oil. Final coat is to be applied by the Customer;
- d) tested to in-house specifications;
- e) suitably packed;
- f) complete with mounting nuts and bolts for IEC electric motors;



EP300 SERIES PLANETARY DRIVES

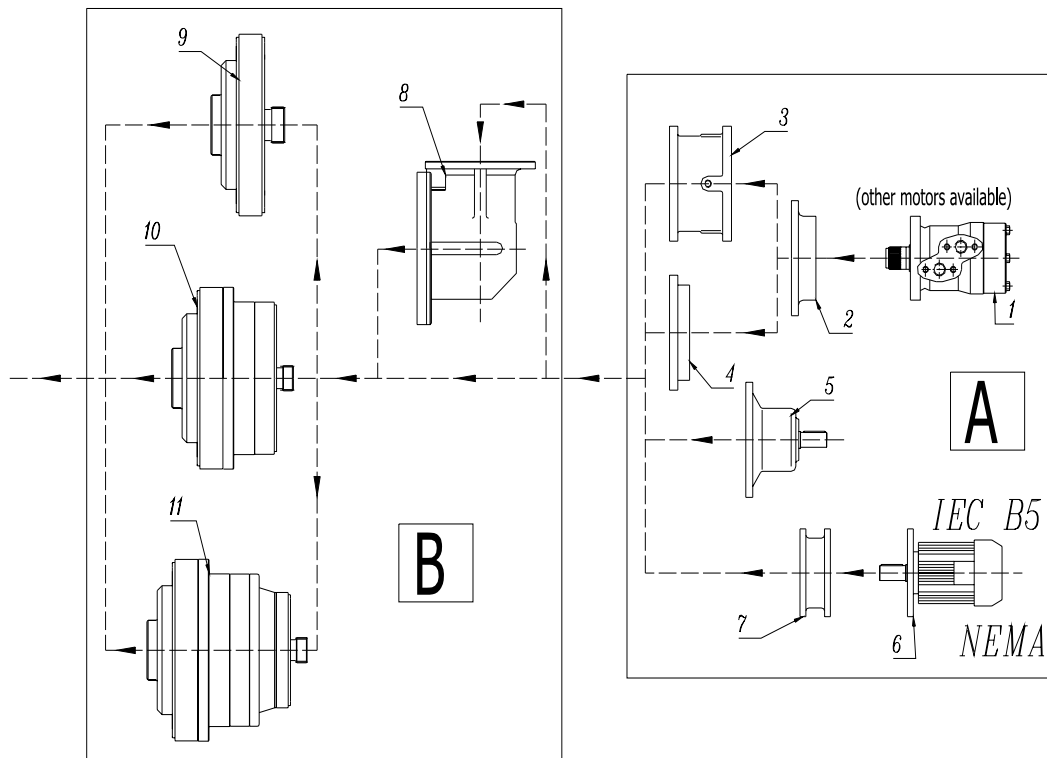


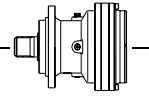
1.0 INTRODUCTION

The EP300 series consist of a range of multi-purpose planetary gearboxes that can be operated by either hydraulic or electric motors. Basic features are:

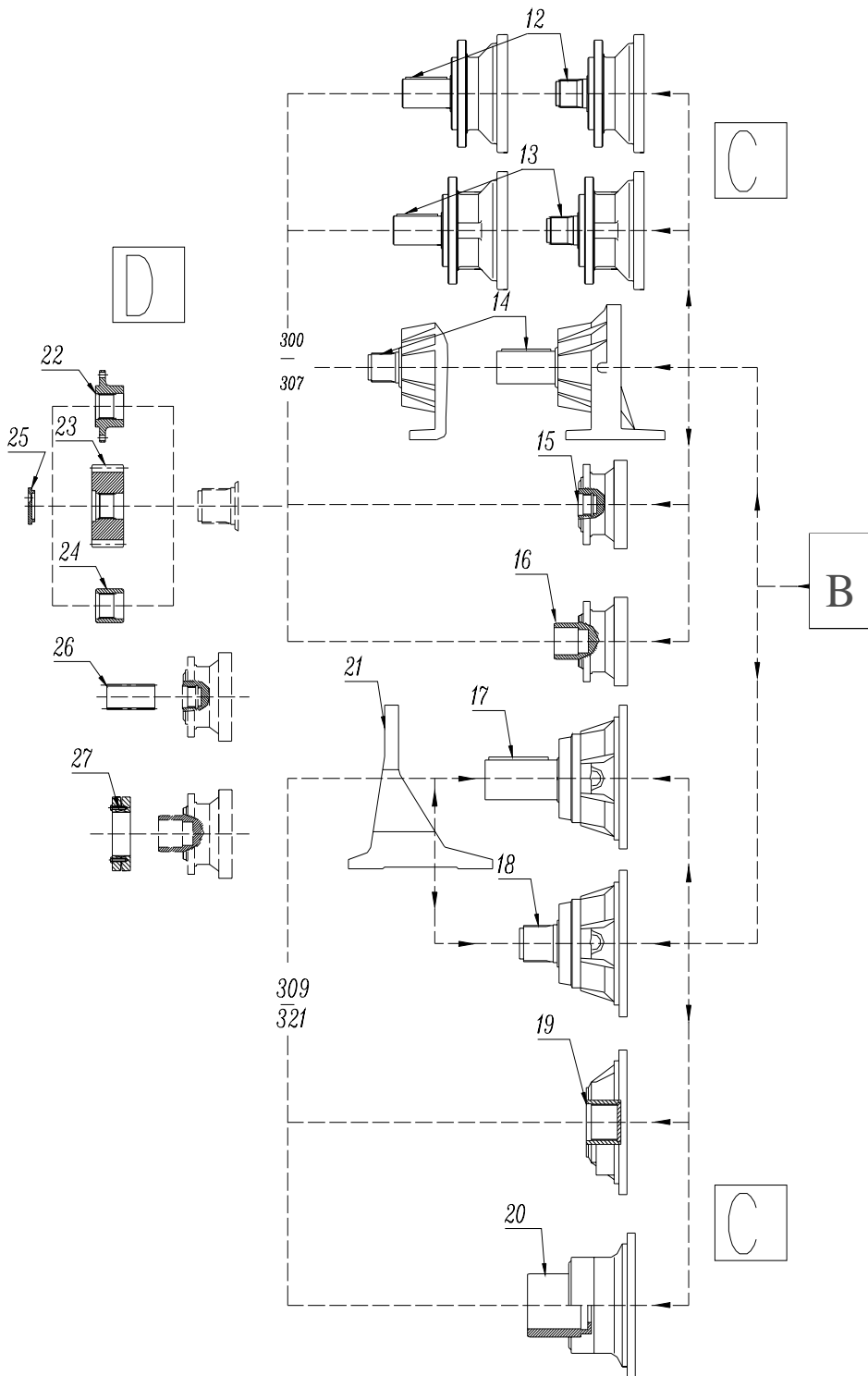
- 12 sizes
- output torque up to 160 000 N.m
- transmissible power up to 250 KW
- ratios from 3.5:1 to 3 000:1
- versions: in-line and right angle (first stage with bevel gear pair Gleason)
- reduction stages ranging from 1 to 4
- with flange-mounted, foot-mounted and shaft-mounted output
- output shafts with keyway, splined, splined hollow shafts, hollow shafts for shaft-mounting with shrink disc
- input adaptors for: electric motors to IEC standards design B5 or NEMA standard, hydraulic motors by major manufactures and according to SAE J744C, negative hydraulic parking brakes for operation by hydraulic motors
- output shaft accessories: flanges, pinions, splined bars, shrink discs
- high radial and axial load capacity of output shafts thanks to tapered roller bearings fitted on the HZ and PC versions
- high efficiency
- housing made of spheroidal cast iron.

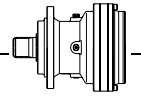
2.0 CONSTRUCTION VERSIONS





2.0 CONSTRUCTION VERSIONS





A: INPUT

1. Hydraulic motor
2. Hydraulic motor setting
3. Negative brake
4. Cover
5. Input shaft
6. Electric motor
7. Electric motor setting

B: REDUCTIONS

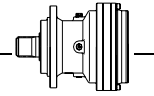
8. Right-angle reduction stage
9. Single planetary reduction stage
10. Two or more planetary reduction stages
11. Three or more planetary reduction stages

C: OUTPUT

12. Keyed or splined solid shaft output
13. Keyed or splined heavy solid shaft output
14. Output with support bracket and keyed or splined solid shaft
15. Splined hollow shaft output
16. Hollow shaft output for shrink disc
17. Keyed solid shaft output
18. Splined solid shaft output
19. Splinde hollow shaft output
20. Hollow shaft output for shrink disc
21. Support bracket

D: FITTINGS

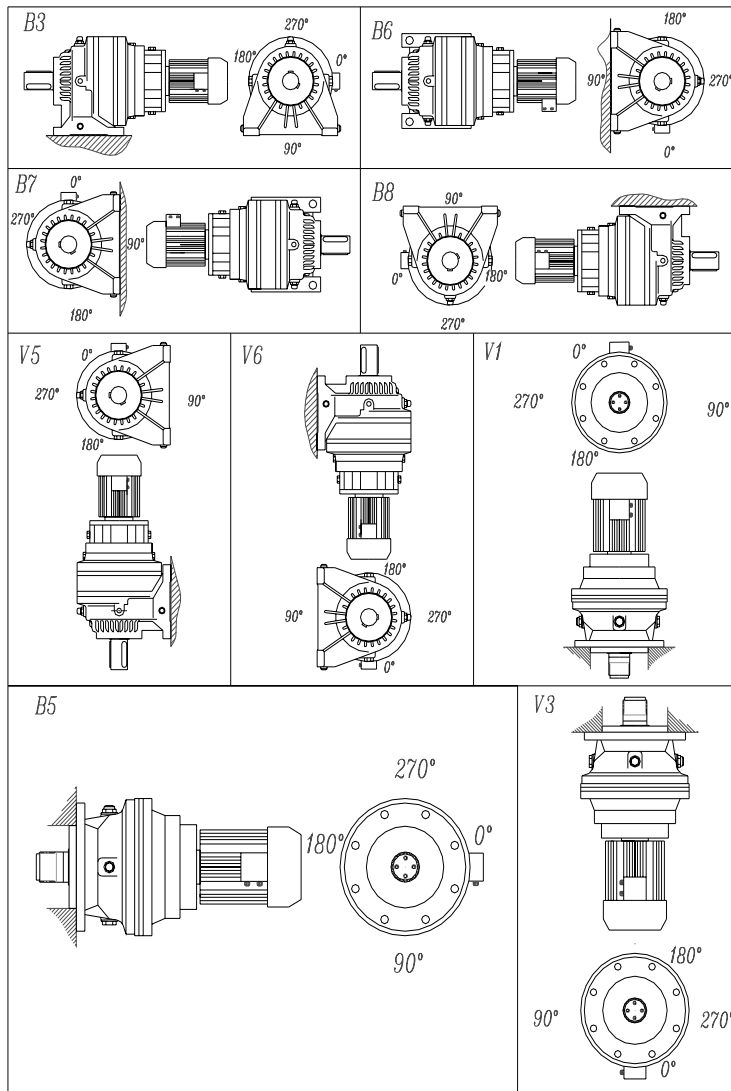
22. Flange
23. Pinion
24. Sleeve coupling
25. Stop bottom plate
26. Splined bar
27. Shrink disc



3.0 MOUNTING POSITION

For a proper designation of the geared motor or gearbox, mounting position please refer to the table (7) to determine mounting position.

Table 7: (in - line)



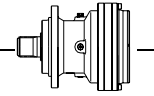
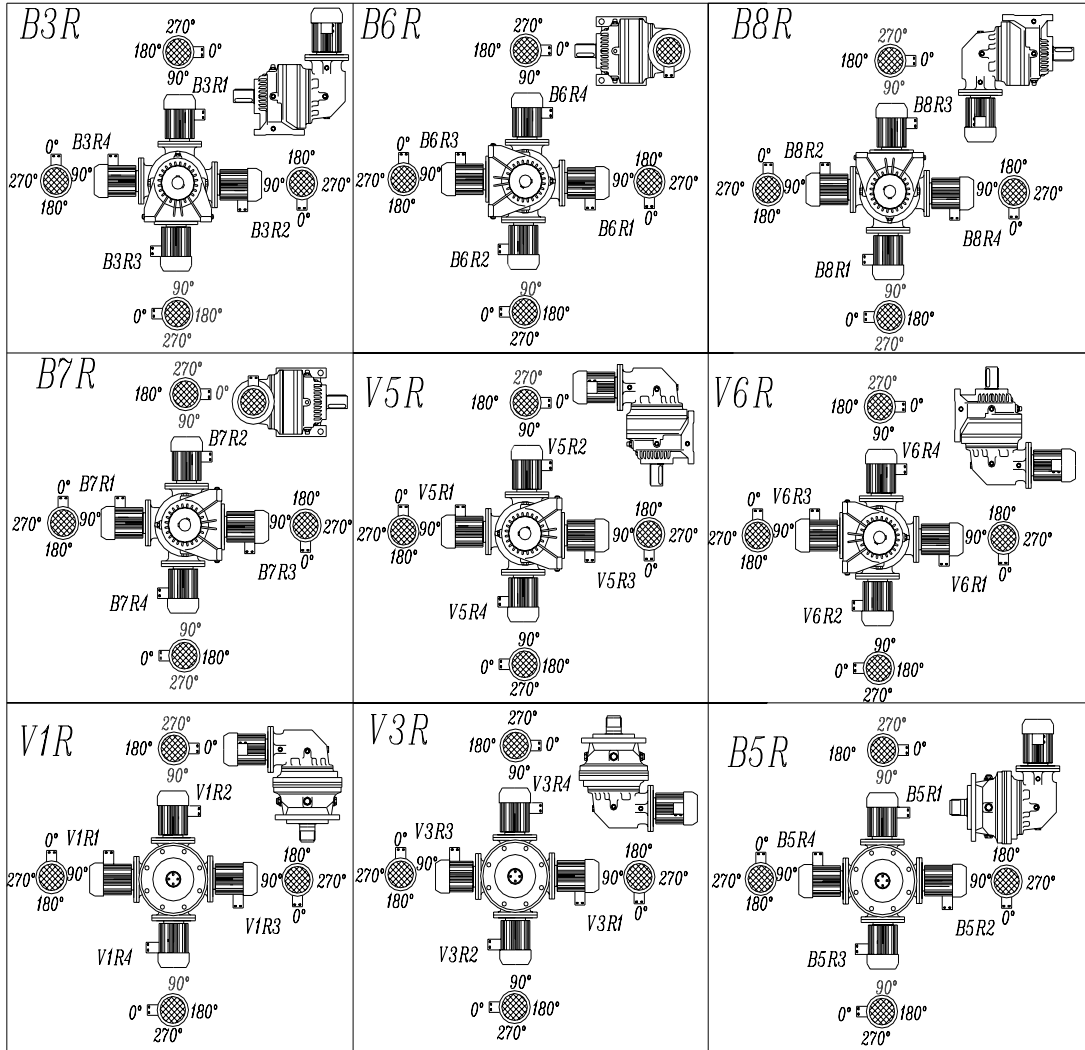
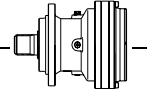


Table 7: (right angle)





4.0 LUBRICATION

(Prior to start-up)

Standard lubrication is oil bath. Respect the specifications given below for fixed and mobile machines:

- 1) Mobile machinery: SAE 80W/90 oil with API GL5 properties
- 2) Industrial machinery: ISO VG 150 oils with E.P. properties

The following table lists the most common brands of lubricant and the types recommended for normal applications.

Table 8:

| | INDUSTRIAL PLANTS INDUSTRIEANGEN | | MOBLE MACHINES | |
|-----------|----------------------------------|------------------------|-----------------------------|-----------------|
| | ISO standard...E.P. grade | | SAE standard...APL GL grade | |
| Ambient | -10° C/+30° C | +20° C/+45° C | -10° C/+30° C | +20° C/+45° C |
| | ISO VG 150 | ISO VG 220 | SAE 80W/90 | SAE 85W/140 |
| AGIP | BLASIA 150 | BLASIA 220 | ROTRA MP | ROTRA MP |
| ARAL | DEGOL BG 150 | DEGOL BG 220 | GETRIEBEOL HYP | GETRIEBEOL HYP |
| BP - MACH | ENERGOL GR XP 150 | ENERGOL GR XP 220 | HYPOGEAR EP | HYPOGEAR EP |
| CASTROL | ALPHA SP 150 | ALPHA SP 220 | HYPOY | HYPOY |
| CHEVRON | EDWNL. GEAR COMPOUND 150 | N.L. GEAR COMPOUND 220 | UNIVERSAL GEAR | UNIVERSAL GEAR |
| ELF | REDUCTELF SP 150 | REDUCTELF SP 220 | TRANSELF8 | TRANSELF8 |
| ESSO | SPARTAN EP 150 | SPARTAN EP 220 | GEAR OIL GX | GEAR OIL GX |
| FINA | GIRAN 150 | GIRAN 220 | | |
| I.P. | MELLANA 150 | MELLANA 220 | PONTIAX HD | PONTIAX HD |
| KLÜBER | LAMORA 150 | LAMORA 220 | | |
| MOBIL | MOBIL GEAR 629 | MOBIL GEAR 630 | MOBILUBE HD | MOBILUBE HD |
| SHELL | OMALA EP 150 | OMALA EP 220 | SPIRAX HD | SPIRAX HD |
| TOTAL | CARTER EP 150 | CARTER EP 220 | TRANSMISSION TM | TRANSMISSION TM |

Note:

1, For particular applications like: high temperature running conditions, non inflammable oil, etc.

contact HZPT technical Departments.

2, Maximum operating oil temperature must never exceed 85° C.

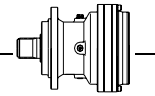
BRAKES LUBRICATION

The hydraulically operated multi disc brakes are lubricated by the same oil as the gearbox.

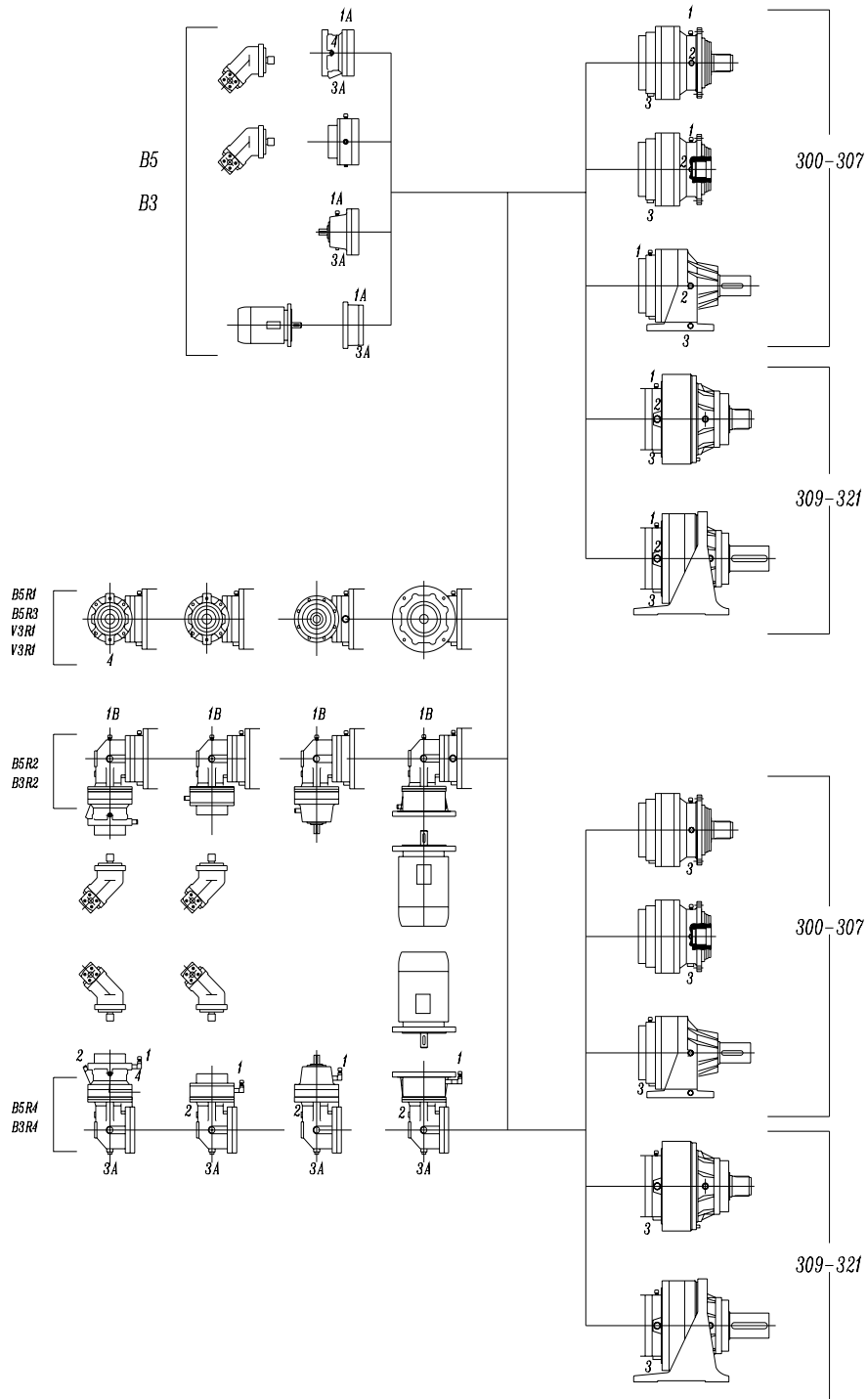
FILLING

Gearboxes are supplied without oil. All gearboxes are equipped with filler, lever, breather, and drain plugs. To fill the gearbox secure it in its exact working position, unscrew the oil filler plug, and add oil until it is visible in the level window. The position of the window will obviously depend on whether the unit is mounted horizontally or vertically. To drain, remove the magnetic drain plug and drain off oil. If possible, drain while the oil is hot and remove the filler plug from the top of the gearbox to give optimum oil flow.

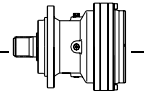
Note: In gearboxes with brakes, brake lubrication is provided by the gearbox lubricant.



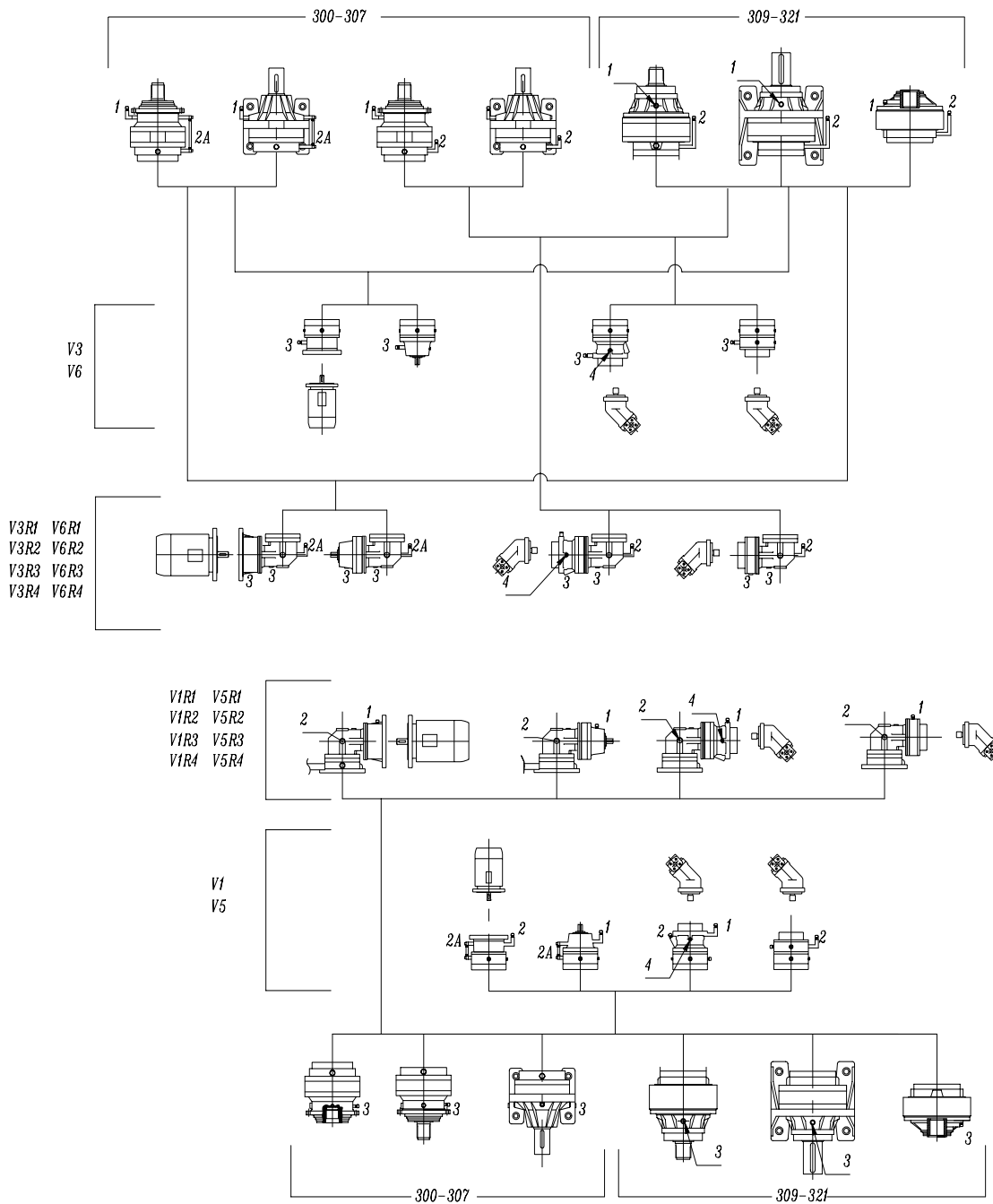
5.0 PLUG POSITIONS:



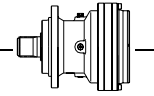
- 1, 1A, 1B: Filling/breather oil plug
- 2, 2A: Oil level plug
- 3, 3A: Oil draining plug
- 4, Brake port



PLUG POSITIONS



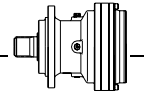
- 1, 1A, 1B: Filling/breather oil plug
- 2, 2A: Oil level plug
- 3, 3A: Oil draining plug
- 4, Brake port



6.0 REFERENCE OIL QUANTITY: (L)

Table 9:

| TYPE | In - Line | | | | TYPE | Right angle | | | |
|------|-------------------|-------|-------|------|------|-------------------|---------|---------|-----|
| | Mounting position | | | | | Mounting position | | | |
| | B5,B3 | V1,V5 | V3,V6 | | | B5R,B3R | V1R,V5R | V3R,V6R | |
| 300 | L1 | 0.6 | 1.0 | 0.9 | 300 | R2 | 1.2 | 1.7 | 1.5 |
| | L2 | 0.9 | 1.3 | 1.2 | | R3 | 1.5 | 2.0 | 1.8 |
| | L3 | 1.2 | 1.6 | 1.5 | | R4 | 1.8 | 2.3 | 2.1 |
| | L4 | 1.5 | 1.9 | 1.8 | | | | | |
| 301 | L1 | 0.8 | 1.2 | 1.1 | 301 | R2 | 1.6 | 2.1 | 1.9 |
| | L2 | 1.1 | 1.5 | 1.4 | | R3 | 1.9 | 2.4 | 2.2 |
| | L3 | 1.4 | 1.8 | 1.7 | | R4 | 2.2 | 2.7 | 2.5 |
| | L4 | 1.7 | 2.1 | 2.0 | | | | | |
| 303 | L1 | 1.3 | 2.3 | 2.0 | 303 | R2 | 2.2 | 2.8 | 2.6 |
| | L2 | 1.6 | 2.6 | 2.3 | | R3 | 2.5 | 3.1 | 2.9 |
| | L3 | 1.9 | 2.9 | 2.6 | | R4 | 2.8 | 3.4 | 3.2 |
| | L4 | 2.2 | 3.2 | 2.9 | | | | | |
| 305 | L1 | 1.6 | 2.6 | 2.4 | 305 | R2 | 2.5 | 3.1 | 2.9 |
| | L2 | 2.1 | 3.1 | 2.9 | | R3 | 3.0 | 3.6 | 3.4 |
| | L3 | 2.4 | 3.4 | 3.2 | | R4 | 3.3 | 3.0 | 3.7 |
| | L4 | 2.7 | 3.7 | 3.5 | | | | | |
| 306 | L1 | 2.5 | 3.5 | 3.2 | 306 | R2 | 4.0 | 5.0 | 4.8 |
| | L2 | 3.3 | 4.3 | 4.0 | | R3 | 4.8 | 5.8 | 5.6 |
| | L3 | 3.6 | 4.6 | 4.3 | | R4 | 5.1 | 6.1 | 5.9 |
| | L4 | 3.9 | 4.9 | 4.6 | | | | | |
| 307 | L1 | 3.5 | 5.0 | 4.5 | 307 | R2 | 6.0 | 8.0 | 7.0 |
| | L2 | 4.5 | 6.0 | 5.5 | | R3 | 7.0 | 9.0 | 8.0 |
| | L3 | 5.0 | 6.5 | 6.0 | | R4 | 7.5 | 9.5 | 8.5 |
| | L4 | 5.3 | 6.8 | 6.3 | | | | | |
| 309 | L1 | 4.0 | 5.5 | 5.0 | 309 | R2 | 6.5 | 8.5 | 7.5 |
| | L2 | 5.0 | 6.5 | 6.0 | | R3 | 7.5 | 9.5 | 8.5 |
| | L3 | 5.5 | 7.0 | 6.5 | | R4 | 8.0 | 10 | 9 |
| | L4 | 5.8 | 7.3 | 6.8 | | | | | |
| 310 | L1 | 5.0 | 6.5 | 6.0 | 310 | R2 | 10 | 12 | 11 |
| | L2 | 6.3 | 7.8 | 7.3 | | R3 | 11 | 13 | 12 |
| | L3 | 7.1 | 8.6 | 8.1 | | R4 | 12 | 14 | 13 |
| | L4 | 7.4 | 8.9 | 8.4 | | | | | |
| 311 | L1 | 7.0 | 12 | 10 | 311 | R2 | 14 | 19 | 17 |
| | L2 | 9.0 | 14 | 12 | | R3 | 16 | 21 | 19 |
| | L3 | 10 | 15 | 13 | | R4 | 17 | 22 | 20 |
| | L4 | 10.5 | 15.5 | 13.5 | | | | | |
| 313 | L1 | 9.0 | 14 | 12 | 313 | R2 | 16 | 21 | 19 |
| | L2 | 11.5 | 16.5 | 14.5 | | R3 | 19 | 24 | 22 |
| | L3 | 12.5 | 17.5 | 15.5 | | R4 | 20 | 25 | 23 |
| | L4 | 13 | 18 | 16 | | | | | |
| 315 | L1 | 15 | 23 | 19 | 315 | R3 | 27 | 35 | 31 |
| | L2 | 19 | 27 | 23 | | R4 | 30 | 38 | 34 |
| | L3 | 21 | 29 | 25 | | | | | |
| | L4 | 22 | 30 | 26 | | | | | |
| 316 | L1 | 18 | 26 | 22 | 316 | R3 | 30 | 38 | 34 |
| | L2 | 22 | 30 | 26 | | R4 | 33 | 41 | 37 |
| | L3 | 24 | 32 | 28 | | | | | |
| | L4 | 25 | 33 | 29 | | | | | |



7.0 NEGATIVE MULTI DISC BRAKE

DESCRIPTION:

Our fail-safe parking brake is an oil immersed multi disc unit on the input side of the gearbox.. The brake is operated when there is no hydraulic pressure and is released when the minimum release pressure is applied.

Use of parking brake is necessary whenever the driven system must be kept at standstill even under external forces and/or torques.

Applications:

- winches
- slewing drives
- parking brake on mobile equipment
- general industrial applications

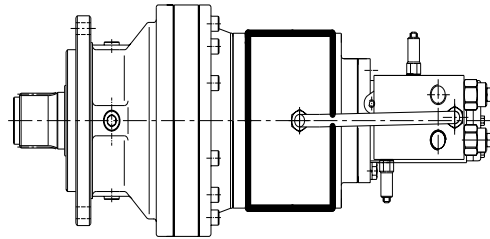
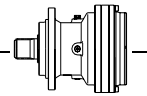


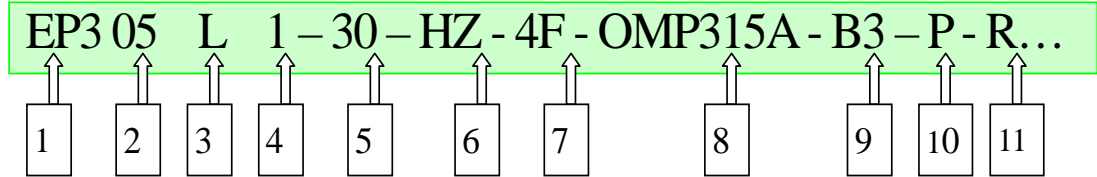
Table 10:

BRAKE TECHNICAL DATA

| | | TYPE | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|------|------|
| | | 4 | | | | | | 5 | | | | | | 6 | | | | | |
| | | A | B | D | F | H | K | L | B | C | E | G | K | B | C | E | G | K | L |
| Static brake torque Mb | N.m | 50 | 100 | 160 | 260 | 330 | 400 | 440 | 400 | 500 | 630 | 800 | 1000 | 850 | 1100 | 1500 | 2100 | 2600 | 3200 |
| Min. opening pressure | bar | 10 | 20 | 30 | 20 | 25 | 30 | 35 | 20 | 28 | 20 | 26 | 32 | 15 | 20 | 25 | 20 | 25 | 30 |
| Max. operating pressure | bar | 320 | | | | | | | | | | | | | | | | | |
| Oil volume for brake release | cm³ | 8 | 8 | 8 | 8 | 8 | 8 | 15 | 15 | 15 | 15 | 15 | 15 | 40 | 40 | 40 | 40 | 40 | 40 |

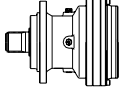
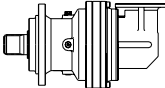


8.0 PRODUCT IDENTIFICATION SCHEME



1 Produce series: EP3—Planetary drives
 EP4—Track drives
 EP6—Wheel drives
 EP7—Slewing drives

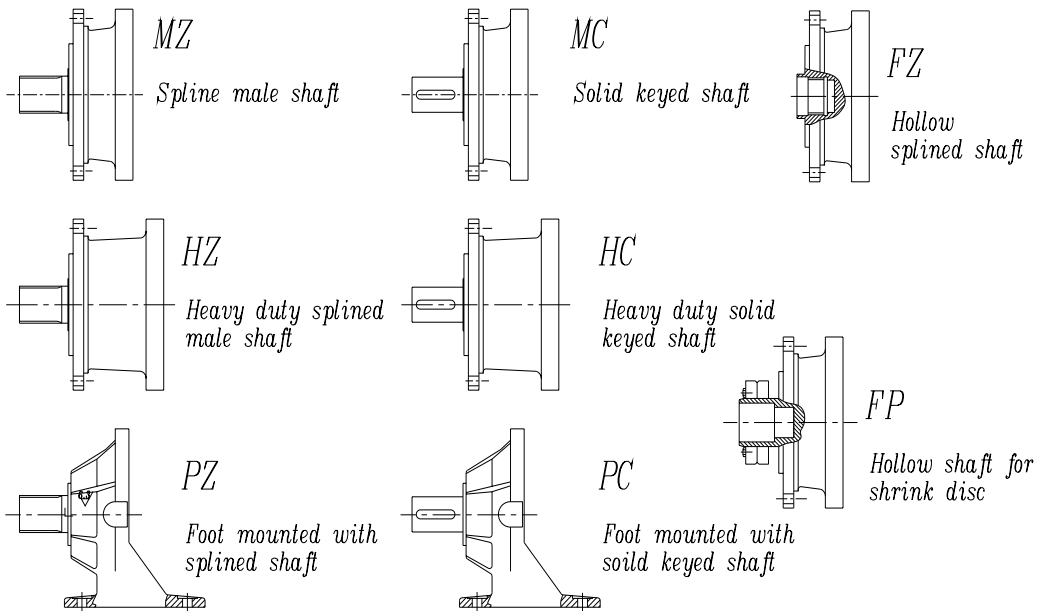
2 Gearbox size: 00,01,03,05...16

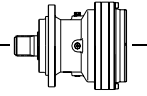
3 Design: L—Linear gearbox 
 R—Right angle 

4 No. of reductions: 1,2,3,4

5 Reduction ratio: Fill in the value of the transm. ratio (including point and decimals) reported in the selection charts

6 Output version:

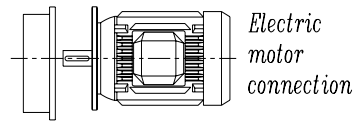
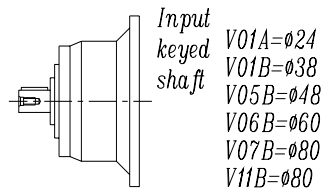




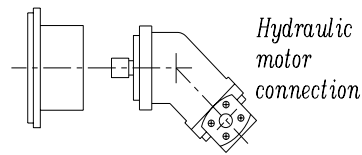
PRODUCT IDENTIFICATION SCHEME

- 7 Hydraulic brake type(only with hydraulic motor adaptor):**
 Standard negative multi disc brake: 4A,4B...4L,5B,5C...5K,6B,6C...6L (see page 24)
 Without hydraulic brake: WO

8 Input:



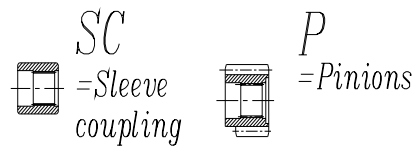
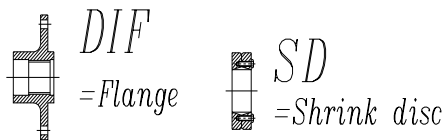
Motor size:(IEC71B5,IEC80B5...)

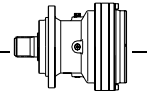


*Motor size and shaft type,flange
type:(OMP315A,EPMZ50014B1...)*

- 9 Mounting position:** See page 18,19

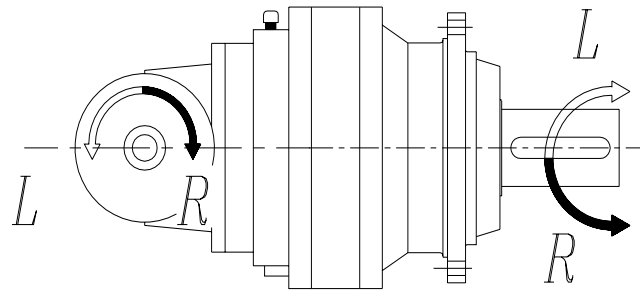
10 Output fittings:





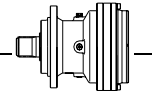
PRODUCT IDENTIFICATION SCHEME

11 Rotate direction (only for right angle design):



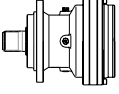
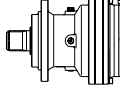
..... Option:

supplementary coolings system, etc...



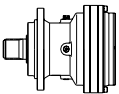
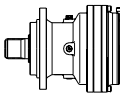
EP300 series gear motor

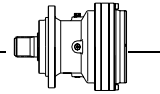
P1=0.12 KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.55 | 1833 | 1.06 | 2545 | 6.0 | EP303L4 | -- | 631-4 | OK | PAGE 100 |
| 0.55 | 1833 | 1.89 | 2545 | 6.0 | EP305L4 | -- | 631-4 | OK | PAGE 110 |
| 0.65 | 1551 | 1.06 | 2153 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 0.75 | 1344 | 1.52 | 1866 | 6.0 | EP303L4 | -- | 631-4 | OK | PAGE 100 |
| 0.75 | 1344 | 2.80 | 1866 | 6.0 | EP305L4 | -- | 631-4 | OK | PAGE 110 |
| 0.81 | 1243 | 1.29 | 1725 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 0.84 | 1195 | 1.67 | 1659 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 0.94 | 1077 | 2.27 | 1495 | 6.0 | EP303L4 | -- | 631-4 | OK | PAGE 100 |
| 1.0 | 996 | 1.52 | 1383 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.1 | 957 | 0.98 | 1329 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 1.1 | 957 | 2.05 | 1329 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.1 | 905 | 3.03 | 1256 | 6.0 | EP303L4 | -- | 631-4 | OK | PAGE 100 |
| 1.3 | 798 | 0.91 | 1108 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 1.3 | 798 | 1.89 | 1108 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.4 | 738 | 1.29 | 1024 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 1.4 | 738 | 2.65 | 1024 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.6 | 615 | 1.59 | 853 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 1.6 | 615 | 3.18 | 853 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.8 | 562 | 1.74 | 780 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 1.8 | 562 | 3.41 | 780 | 6.0 | EP301L4 | -- | 631-4 | OK | PAGE 90 |
| 1.8 | 551 | 1.06 | 765 | 10.0 | -- | EP300R4 | 631-4 | OK | PAGE 80 |
| 1.8 | 551 | 2.05 | 765 | 10.0 | -- | EP301R4 | 631-4 | OK | PAGE 90 |
| 1.9 | 522 | 3.26 | 725 | 12.0 | -- | EP303R4 | 631-4 | OK | PAGE 100 |
| 2.2 | 468 | 1.97 | 650 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 2.2 | 450 | 2.05 | 625 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 2.3 | 442 | 1.59 | 613 | 10.0 | -- | EP300R4 | 631-4 | OK | PAGE 80 |
| 2.3 | 442 | 3.26 | 613 | 10.0 | -- | EP301R4 | 631-4 | OK | PAGE 90 |
| 2.8 | 361 | 2.50 | 501 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 2.9 | 343 | 2.65 | 476 | 6.0 | EP300L4 | -- | 631-4 | OK | PAGE 80 |
| 3.0 | 340 | 2.80 | 472 | 10.0 | -- | EP300R4 | 631-4 | OK | PAGE 80 |
| 3.7 | 273 | 3.18 | 378 | 10.0 | -- | EP300R4 | 631-4 | OK | PAGE 80 |
| 3.8 | 278 | 1.98 | 373 | 7.5 | EP300L3 | -- | 631-4 | OK | PAGE 80 |
| 4.7 | 223 | 2.78 | 299 | 7.5 | EP300L3 | -- | 631-4 | OK | PAGE 80 |

EP300 series gear motor

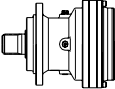
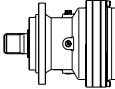
P1=0.18 KW n1=1400 min⁻¹

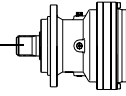
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P₁ (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.55 | 2749 | 1.26 | 2545 | 6.0 | EP305L4 | -- | 632-4 | OK | PAGE 110 |
| 0.56 | 2708 | 2.53 | 2506 | 6.0 | EP306L4 | -- | 632-4 | OK | PAGE 120 |
| 0.68 | 2209 | 3.54 | 2045 | 6.0 | EP306L4 | -- | 632-4 | OK | PAGE 120 |
| 0.75 | 2016 | 1.01 | 1866 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 0.75 | 2016 | 1.87 | 1866 | 6.0 | EP305L4 | -- | 632-4 | OK | PAGE 110 |
| 0.81 | 1864 | 0.86 | 1725 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 0.84 | 1792 | 1.11 | 1659 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 0.94 | 1616 | 1.52 | 1495 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 0.94 | 1616 | 2.78 | 1495 | 6.0 | EP305L4 | -- | 632-4 | OK | PAGE 110 |
| 1.0 | 1494 | 1.01 | 1383 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.1 | 1436 | 1.36 | 1329 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.1 | 1357 | 2.02 | 1256 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 1.3 | 1197 | 1.26 | 1108 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.4 | 1106 | 0.86 | 1024 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 1.4 | 1106 | 1.77 | 1024 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.4 | 1087 | 2.53 | 1007 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 1.6 | 922 | 1.06 | 853 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 1.6 | 922 | 2.12 | 853 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.7 | 871 | 3.03 | 806 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 1.8 | 843 | 1.16 | 780 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 1.8 | 843 | 2.27 | 780 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 1.8 | 827 | 1.36 | 765 | 10.0 | -- | EP301R4 | 632-4 | OK | PAGE 90 |
| 1.9 | 805 | 3.28 | 745 | 6.0 | EP303L4 | -- | 632-4 | OK | PAGE 100 |
| 1.9 | 783 | 2.17 | 725 | 12.0 | -- | EP303R4 | 632-4 | OK | PAGE 100 |
| 2.2 | 702 | 1.31 | 650 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 2.2 | 702 | 2.68 | 650 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 2.2 | 675 | 1.36 | 625 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 2.2 | 675 | 2.78 | 625 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 2.3 | 662 | 1.06 | 613 | 10.0 | -- | EP300R4 | 632-4 | OK | PAGE 80 |
| 2.3 | 662 | 2.17 | 613 | 10.0 | -- | EP301R4 | 632-4 | OK | PAGE 90 |
| 2.6 | 574 | 3.03 | 531 | 12.0 | -- | EP303R4 | 632-4 | OK | PAGE 100 |
| 2.8 | 541 | 1.67 | 501 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 2.8 | 541 | 3.28 | 501 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 2.9 | 514 | 1.77 | 476 | 6.0 | EP300L4 | -- | 632-4 | OK | PAGE 80 |
| 2.9 | 514 | 3.43 | 476 | 6.0 | EP301L4 | -- | 632-4 | OK | PAGE 90 |
| 3.0 | 510 | 1.87 | 472 | 10.0 | -- | EP300R4 | 632-4 | OK | PAGE 80 |
| 3.0 | 510 | 3.38 | 472 | 10.0 | -- | EP301R4 | 632-4 | OK | PAGE 90 |
| 3.7 | 409 | 2.12 | 378 | 10.0 | -- | EP300R4 | 632-4 | OK | PAGE 80 |
| 3.8 | 417 | 1.32 | 373 | 7.5 | EP300L3 | -- | 632-4 | OK | PAGE 80 |
| 3.8 | 417 | 2.69 | 373 | 7.5 | EP301L3 | -- | 632-4 | OK | PAGE 90 |
| 4.7 | 334 | 1.86 | 299 | 7.5 | EP300L3 | -- | 632-4 | OK | PAGE 80 |
| 4.8 | 315 | 2.78 | 292 | 10.0 | -- | EP300R4 | 632-4 | OK | PAGE 80 |
| 6.0 | 252 | 3.33 | 234 | 10.0 | -- | EP300R4 | 632-4 | OK | PAGE 80 |



EP300 series gear motor

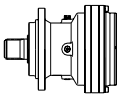
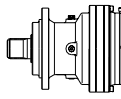
P1=0.25KW n1=1400 min⁻¹

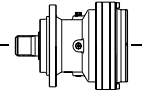
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---|--|--|
| 0.55 | 3819 | 0.91 | 2545 | 6.0 | EP305L4 | -- | 711-4 | OK | PAGE 110 |
| 0.56 | 3761 | 1.82 | 2506 | 6.0 | EP306L4 | -- | 711-4 | OK | PAGE 120 |
| 0.64 | 3305 | 2.91 | 2202 | 7.5 | EP307L4 | -- | 711-4 | OK | PAGE 130 |
| 0.68 | 3069 | 2.55 | 2045 | 6.0 | EP306L4 | -- | 711-4 | OK | PAGE 120 |
| 0.75 | 2800 | 1.35 | 1866 | 6.0 | EP305L4 | -- | 711-4 | OK | PAGE 110 |
| 0.84 | 2508 | 2.91 | 1671 | 6.0 | EP306L4 | -- | 711-4 | OK | PAGE 120 |
| 0.94 | 2244 | 1.09 | 1495 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 0.94 | 2244 | 2.00 | 1495 | 6.0 | EP305L4 | -- | 711-4 | OK | PAGE 110 |
| 1.05 | 2009 | 3.49 | 1339 | 6.0 | EP306L4 | -- | 711-4 | OK | PAGE 120 |
| 1.1 | 1995 | 0.98 | 1329 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 1.1 | 1885 | 1.45 | 1256 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 1.1 | 1885 | 2.55 | 1256 | 6.0 | EP305L4 | -- | 711-4 | OK | PAGE 110 |
| 1.3 | 1662 | 0.91 | 1108 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 1.4 | 1537 | 1.27 | 1024 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 1.4 | 1510 | 1.82 | 1007 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 1.6 | 1281 | 1.53 | 853 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 1.7 | 1210 | 2.18 | 806 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 1.8 | 1170 | 1.64 | 780 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 1.8 | 1148 | 0.98 | 765 | 10.0 | -- | EP301R4 | 711-4 | OK | PAGE 90 |
| 1.9 | 1118 | 2.36 | 745 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 1.9 | 1087 | 1.56 | 725 | 12.0 | -- | EP303R4 | 711-4 | OK | PAGE 100 |
| 1.9 | 1087 | 2.73 | 725 | 12.0 | -- | EP305R4 | 711-4 | OK | PAGE 110 |
| 2.2 | 975 | 0.95 | 650 | 6.0 | EP300L4 | -- | 711-4 | OK | PAGE 80 |
| 2.2 | 975 | 1.93 | 650 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 2.2 | 938 | 0.98 | 625 | 6.0 | EP300L4 | -- | 711-4 | OK | PAGE 80 |
| 2.2 | 938 | 2.00 | 625 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 2.3 | 932 | 2.55 | 621 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 2.3 | 920 | 1.56 | 613 | 10.0 | -- | EP301R4 | 711-4 | OK | PAGE 90 |
| 2.6 | 797 | 2.18 | 531 | 12.0 | -- | EP303R4 | 711-4 | OK | PAGE 100 |
| 2.8 | 751 | 1.20 | 501 | 6.0 | EP300L4 | -- | 711-4 | OK | PAGE 80 |
| 2.8 | 751 | 2.36 | 501 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 2.9 | 714 | 1.27 | 476 | 6.0 | EP300L4 | -- | 711-4 | OK | PAGE 80 |
| 2.9 | 714 | 2.47 | 476 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 3.0 | 710 | 3.27 | 473 | 6.0 | EP303L4 | -- | 711-4 | OK | PAGE 100 |
| 3.0 | 709 | 1.35 | 472 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 3.0 | 709 | 2.44 | 472 | 10.0 | -- | EP301R4 | 711-4 | OK | PAGE 90 |
| 3.3 | 639 | 3.27 | 426 | 12.0 | -- | EP303R4 | 711-4 | OK | PAGE 100 |
| 3.6 | 579 | 2.91 | 386 | 6.0 | EP301L4 | -- | 711-4 | OK | PAGE 90 |
| 3.7 | 568 | 1.53 | 378 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 3.7 | 568 | 3.09 | 378 | 10.0 | -- | EP301R4 | 711-4 | OK | PAGE 90 |
| 3.8 | 579 | 0.95 | 373 | 7.5 | EP300L3 | -- | 711-4 | OK | PAGE 80 |
| 3.8 | 579 | 1.93 | 373 | 7.5 | EP301L3 | -- | 711-4 | OK | PAGE 90 |
| 4.0 | 548 | 2.81 | 353 | 7.5 | EP303L3 | -- | 711-4 | OK | PAGE 100 |
| 4.7 | 464 | 1.34 | 299 | 7.5 | EP300L3 | -- | 711-4 | OK | PAGE 80 |
| 4.8 | 437 | 2.00 | 292 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 6.0 | 351 | 2.40 | 234 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 6.1 | 358 | 2.46 | 230 | 7.5 | EP300L3 | -- | 711-4 | OK | PAGE 80 |
| 6.3 | 333 | 2.55 | 222 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 7.6 | 286 | 2.99 | 185 | 7.5 | EP300L3 | -- | 711-4 | OK | PAGE 80 |
| 7.8 | 270 | 3.09 | 180 | 10.0 | -- | EP300R4 | 711-4 | OK | PAGE 80 |
| 13.2 | 165 | 3.16 | 106 | 12.0 | -- | EP300R3 | 711-4 | OK | PAGE 80 |



EP300 series gear motor

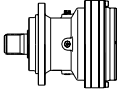
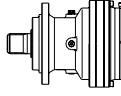
P1=0.37KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---|--|--|
| 0.56 | 5566 | 1.23 | 2506 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 0.64 | 4891 | 1.97 | 2202 | 7.5 | EP307L4 | -- | 712-4 | OK | PAGE 130 |
| 0.64 | 4891 | 3.44 | 2202 | 7.5 | EP309L4 | -- | 712-4 | OK | PAGE 140 |
| 0.68 | 4542 | 1.72 | 2045 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 0.75 | 4145 | 0.91 | 1866 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 0.75 | 4121 | 2.46 | 1856 | 7.5 | EP307L4 | -- | 712-4 | OK | PAGE 130 |
| 0.84 | 3711 | 1.97 | 1671 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 0.92 | 3367 | 2.95 | 1516 | 7.5 | EP307L4 | -- | 712-4 | OK | PAGE 130 |
| 0.94 | 3321 | 1.35 | 1495 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 1.05 | 2974 | 2.36 | 1339 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 1.1 | 2790 | 0.98 | 1256 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 1.1 | 2790 | 1.72 | 1256 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 1.2 | 2669 | 2.70 | 1202 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 1.4 | 2279 | 3.44 | 1026 | 6.0 | EP306L4 | -- | 712-4 | OK | PAGE 120 |
| 1.4 | 2274 | 0.86 | 1024 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 1.4 | 2235 | 1.23 | 1007 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 1.4 | 2235 | 2.46 | 1007 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 1.6 | 1895 | 1.03 | 853 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 1.7 | 1791 | 1.47 | 806 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 1.7 | 1791 | 2.95 | 806 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 1.8 | 1732 | 1.11 | 780 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 1.9 | 1654 | 1.60 | 745 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 1.9 | 1654 | 3.19 | 745 | 6.0 | EP305L4 | -- | 712-4 | OK | PAGE 110 |
| 1.9 | 1609 | 1.06 | 725 | 12.0 | -- | EP303R4 | 712-4 | OK | PAGE 100 |
| 1.9 | 1609 | 1.84 | 725 | 12.0 | -- | EP305R4 | 712-4 | OK | PAGE 110 |
| 2.2 | 1443 | 1.30 | 650 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 2.2 | 1388 | 1.35 | 625 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 2.3 | 1380 | 1.72 | 621 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 2.3 | 1362 | 1.06 | 613 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 2.6 | 1180 | 1.47 | 531 | 12.0 | -- | EP303R4 | 712-4 | OK | PAGE 100 |
| 2.6 | 1180 | 2.95 | 531 | 12.0 | -- | EP305R4 | 712-4 | OK | PAGE 110 |
| 2.8 | 1112 | 1.60 | 501 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 2.9 | 1057 | 0.86 | 476 | 6.0 | EP300L4 | -- | 712-4 | OK | PAGE 80 |
| 2.9 | 1057 | 1.67 | 476 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 3.0 | 1051 | 2.21 | 473 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 3.0 | 1049 | 0.91 | 472 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 3.0 | 1049 | 1.65 | 472 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 3.3 | 946 | 2.21 | 426 | 12.0 | -- | EP303R4 | 712-4 | OK | PAGE 100 |
| 3.4 | 917 | 2.46 | 413 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 3.6 | 857 | 1.97 | 386 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 3.7 | 840 | 1.03 | 378 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 3.7 | 840 | 2.09 | 378 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 3.8 | 857 | 1.31 | 373 | 7.5 | EP301L3 | -- | 712-4 | OK | PAGE 90 |
| 3.8 | 809 | 2.95 | 364 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 3.9 | 794 | 3.19 | 358 | 12.0 | -- | EP303R4 | 712-4 | OK | PAGE 100 |
| 4.0 | 812 | 1.90 | 353 | 7.5 | EP303L3 | -- | 712-4 | OK | PAGE 100 |
| 4.4 | 707 | 3.19 | 318 | 6.0 | EP303L4 | -- | 712-4 | OK | PAGE 100 |
| 4.7 | 687 | 0.90 | 299 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 4.7 | 687 | 2.38 | 299 | 7.5 | EP301L3 | -- | 712-4 | OK | PAGE 90 |
| 4.7 | 660 | 2.46 | 297 | 6.0 | EP301L4 | -- | 712-4 | OK | PAGE 90 |
| 4.8 | 647 | 1.35 | 292 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |



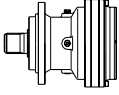
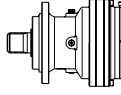
EP300 series gear motor

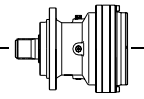
P1=0.37KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 4.8 | 647 | 2.70 | 292 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 5.4 | 595 | 2.85 | 259 | 7.5 | EP303L3 | -- | 712-4 | OK | PAGE 100 |
| 6.0 | 519 | 1.62 | 234 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 6.0 | 519 | 3.19 | 234 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 6.1 | 529 | 1.66 | 230 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 6.1 | 529 | 3.09 | 230 | 7.5 | EP301L3 | -- | 712-4 | OK | PAGE 90 |
| 6.3 | 493 | 1.72 | 222 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 6.3 | 493 | 3.44 | 222 | 10.0 | -- | EP301R4 | 712-4 | OK | PAGE 90 |
| 7.6 | 424 | 2.02 | 185 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 7.8 | 400 | 2.09 | 180 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 9.8 | 327 | 2.61 | 142 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 10.3 | 301 | 2.70 | 135 | 10.0 | -- | EP300R4 | 712-4 | OK | PAGE 80 |
| 12.3 | 262 | 3.09 | 114 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 12.9 | 249 | 3.33 | 108 | 7.5 | EP300L3 | -- | 712-4 | OK | PAGE 80 |
| 13.2 | 244 | 2.14 | 106 | 12.0 | -- | EP300R3 | 712-4 | OK | PAGE 80 |
| 16.4 | 196 | 3.09 | 85.2 | 12.0 | -- | EP300R3 | 712-4 | OK | PAGE 80 |

EP300 series gear motor

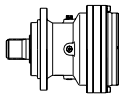
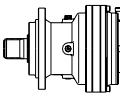
P1=0.55KW **n1=1400 min⁻¹**

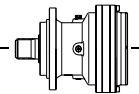
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.59 | 7835 | 2.98 | 2373 | 11.0 | EP310L4 | -- | 801-4 | OK | PAGE 150 |
| 0.64 | 7270 | 1.32 | 2202 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 0.64 | 7270 | 2.31 | 2202 | 7.5 | EP309L4 | -- | 801-4 | OK | PAGE 140 |
| 0.68 | 6751 | 1.16 | 2045 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 0.75 | 6126 | 1.65 | 1856 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 0.75 | 6126 | 2.64 | 1856 | 7.5 | EP309L4 | -- | 801-4 | OK | PAGE 140 |
| 0.84 | 5517 | 1.32 | 1671 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 0.92 | 5006 | 1.98 | 1516 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 0.92 | 5006 | 3.47 | 1516 | 7.5 | EP309L4 | -- | 801-4 | OK | PAGE 140 |
| 0.94 | 4937 | 0.91 | 1495 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 1.05 | 4420 | 1.59 | 1339 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 1.1 | 4147 | 1.16 | 1256 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 1.2 | 4011 | 2.81 | 1215 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 1.2 | 4011 | 2.81 | 1215 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 1.2 | 3967 | 1.82 | 1202 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 1.3 | 3600 | 3.31 | 1090 | 7.5 | EP307L4 | -- | 801-4 | OK | PAGE 130 |
| 1.4 | 3388 | 2.31 | 1026 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 1.4 | 3323 | 1.65 | 1007 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 1.7 | 2715 | 2.81 | 822 | 6.0 | EP306L4 | -- | 801-4 | OK | PAGE 120 |
| 1.7 | 2662 | 0.99 | 806 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 1.7 | 2662 | 1.98 | 806 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |



EP300 series gear motor

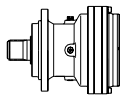
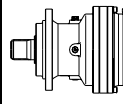
P1=0.55KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.9 | 2459 | 1.07 | 745 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 1.9 | 2459 | 2.15 | 745 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 1.9 | 2392 | 1.24 | 725 | 12.0 | -- | EP305R4 | 801-4 | OK | PAGE 110 |
| 2.0 | 2356 | 2.48 | 714 | 12.0 | -- | EP306R4 | 801-4 | OK | PAGE 120 |
| 2.2 | 2146 | 0.88 | 650 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 2.2 | 2063 | 0.91 | 625 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 2.3 | 2051 | 1.16 | 621 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 2.3 | 2051 | 2.48 | 621 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 2.4 | 1922 | 3.31 | 582 | 12.0 | -- | EP306R4 | 801-4 | OK | PAGE 120 |
| 2.6 | 1754 | 0.99 | 531 | 12.0 | -- | EP303R4 | 801-4 | OK | PAGE 100 |
| 2.6 | 1754 | 1.98 | 531 | 12.0 | -- | EP305R4 | 801-4 | OK | PAGE 110 |
| 2.8 | 1653 | 1.07 | 501 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 2.9 | 1571 | 1.12 | 476 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 3.0 | 1562 | 1.49 | 473 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 3.0 | 1562 | 3.31 | 473 | 6.0 | EP305L4 | -- | 801-4 | OK | PAGE 110 |
| 3.0 | 1559 | 1.11 | 472 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 3.3 | 1406 | 1.49 | 426 | 12.0 | -- | EP303R4 | 801-4 | OK | PAGE 100 |
| 3.3 | 1406 | 3.14 | 426 | 12.0 | -- | EP305R4 | 801-4 | OK | PAGE 110 |
| 3.4 | 1364 | 1.65 | 413 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 3.6 | 1273 | 1.32 | 386 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 3.7 | 1249 | 1.40 | 378 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 3.8 | 1274 | 0.88 | 373 | 7.5 | EP301L3 | -- | 801-4 | OK | PAGE 90 |
| 3.8 | 1203 | 1.98 | 364 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 3.9 | 1181 | 2.15 | 358 | 12.0 | -- | EP303R4 | 801-4 | OK | PAGE 100 |
| 4.0 | 1207 | 1.28 | 353 | 7.5 | EP303L3 | -- | 801-4 | OK | PAGE 100 |
| 4.0 | 1207 | 2.40 | 353 | 7.5 | EP305L3 | -- | 801-4 | OK | PAGE 110 |
| 4.4 | 1050 | 2.15 | 318 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 4.7 | 1021 | 1.60 | 299 | 7.5 | EP301L3 | -- | 801-4 | OK | PAGE 90 |
| 4.7 | 981 | 1.65 | 297 | 6.0 | EP301L4 | -- | 801-4 | OK | PAGE 90 |
| 4.8 | 962 | 0.91 | 292 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 4.8 | 962 | 1.82 | 292 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 4.9 | 946 | 2.64 | 287 | 12.0 | -- | EP303R4 | 801-4 | OK | PAGE 100 |
| 5.0 | 916 | 2.48 | 278 | 6.0 | EP303L4 | -- | 801-4 | OK | PAGE 100 |
| 5.4 | 885 | 1.92 | 259 | 7.5 | EP303L3 | -- | 801-4 | OK | PAGE 100 |
| 6.0 | 771 | 1.09 | 234 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 6.0 | 771 | 2.15 | 234 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 6.1 | 787 | 1.12 | 230 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |
| 6.1 | 787 | 2.08 | 230 | 7.5 | EP301L3 | -- | 801-4 | OK | PAGE 90 |
| 6.3 | 733 | 1.16 | 222 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 6.3 | 733 | 2.31 | 222 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 6.3 | 729 | 3.31 | 221 | 12.0 | -- | EP303R4 | 801-4 | OK | PAGE 100 |
| 6.7 | 709 | 2.88 | 208 | 7.5 | EP303L3 | -- | 801-4 | OK | PAGE 100 |
| 7.6 | 630 | 1.36 | 185 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |
| 7.6 | 630 | 2.56 | 185 | 7.5 | EP301L3 | -- | 801-4 | OK | PAGE 90 |
| 7.8 | 594 | 1.40 | 180 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 7.8 | 594 | 2.81 | 180 | 10.0 | -- | EP301R4 | 801-4 | OK | PAGE 90 |
| 9.8 | 486 | 1.76 | 142 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |
| 9.8 | 486 | 3.20 | 142 | 7.5 | EP301L3 | -- | 801-4 | OK | PAGE 90 |
| 10.3 | 447 | 1.82 | 135 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 12.3 | 389 | 2.08 | 114 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |
| 12.9 | 370 | 2.24 | 108 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |



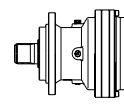
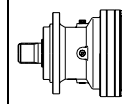
EP300 series gear motor

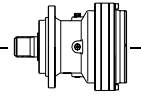
P1=0.55KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|-----------------------------|---|------------------------------------|
| 13.2 | 363 | 1.44 | 106 | 12.0 | -- | EP300R3 | 801-4 | OK | PAGE 80 |
| 13.2 | 363 | 3.04 | 106 | 12.0 | -- | EP301R3 | 801-4 | OK | PAGE 90 |
| 13.4 | 345 | 2.31 | 104 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 15.9 | 300 | 2.72 | 87.8 | 7.5 | EP300L3 | -- | 801-4 | OK | PAGE 80 |
| 16.4 | 291 | 2.08 | 85.2 | 12.0 | -- | EP300R3 | 801-4 | OK | PAGE 80 |
| 17.6 | 262 | 2.98 | 79.5 | 10.0 | -- | EP300R4 | 801-4 | OK | PAGE 80 |
| 27.0 | 183 | 2.94 | 51.8 | 7.5 | EP300L2 | -- | 801-4 | OK | PAGE 80 |

EP300 series gear motor

P1=0.75KW **n1=1400 min⁻¹**

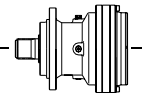
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|-----------------------------|---|------------------------------------|
| 0.59 | 10684 | 2.18 | 2373 | 11.0 | EP310L4 | -- | 802-4 | OK | PAGE 150 |
| 0.64 | 9914 | 0.97 | 2202 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 0.64 | 9914 | 1.70 | 2202 | 7.5 | EP309L4 | -- | 802-4 | OK | PAGE 140 |
| 0.68 | 9206 | 0.85 | 2045 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 0.72 | 8718 | 2.67 | 1937 | 11.0 | EP310L4 | -- | 802-4 | OK | PAGE 150 |
| 0.75 | 8353 | 1.21 | 1856 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 0.75 | 8353 | 1.94 | 1856 | 7.5 | EP309L4 | -- | 802-4 | OK | PAGE 140 |
| 0.84 | 7523 | 0.97 | 1671 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 0.88 | 7124 | 3.03 | 1582 | 11.0 | EP310L4 | -- | 802-4 | OK | PAGE 150 |
| 0.92 | 6826 | 1.45 | 1516 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 0.92 | 6826 | 2.55 | 1516 | 7.5 | EP309L4 | -- | 802-4 | OK | PAGE 140 |
| 1.05 | 6028 | 1.16 | 1339 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 1.1 | 5655 | 0.85 | 1256 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 1.2 | 5470 | 2.06 | 1215 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 1.2 | 5470 | 2.06 | 1215 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 1.2 | 5470 | 3.03 | 1215 | 7.5 | EP309L4 | -- | 802-4 | OK | PAGE 140 |
| 1.2 | 5409 | 1.33 | 1202 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 1.3 | 4909 | 2.42 | 1090 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 1.3 | 4909 | 3.27 | 1090 | 7.5 | EP309L4 | -- | 802-4 | OK | PAGE 140 |
| 1.4 | 4620 | 1.70 | 1026 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 1.4 | 4531 | 1.21 | 1007 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 1.5 | 4114 | 2.67 | 914 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 1.7 | 3702 | 2.06 | 822 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 1.7 | 3631 | 1.45 | 806 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 1.8 | 3456 | 3.15 | 768 | 7.5 | EP307L4 | -- | 802-4 | OK | PAGE 130 |
| 1.9 | 3353 | 1.58 | 745 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 1.9 | 3291 | 2.91 | 731 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 1.9 | 3262 | 0.91 | 725 | 12.0 | -- | EP305R4 | 802-4 | OK | PAGE 110 |
| 2.0 | 3212 | 1.82 | 714 | 12.0 | -- | EP306R4 | 802-4 | OK | PAGE 120 |
| 2.2 | 2823 | 3.03 | 627 | 14.0 | -- | EP307R4 | 802-4 | OK | PAGE 130 |
| 2.3 | 2797 | 0.85 | 621 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 2.3 | 2797 | 1.82 | 621 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 2.4 | 2637 | 3.52 | 586 | 6.0 | EP306L4 | -- | 802-4 | OK | PAGE 120 |
| 2.4 | 2621 | 2.42 | 582 | 12.0 | -- | EP306R4 | 802-4 | OK | PAGE 120 |



EP300 series gear motor

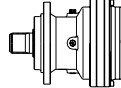
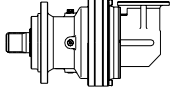
P1=0.75KW n1=1400 min⁻¹

| n ₂ (min ⁻¹) | M ₂ (N.m) | S | I 1: | P ₁ (KW) | | | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------|------|---------|------------------------|---------|---------|----------------------|---------------------------------------|-----------------------------|
| 2.6 | 2392 | 1.45 | 531 | 12.0 | -- | EP305R4 | 802-4 | OK | PAGE 110 |
| 2.9 | 2142 | 2.91 | 476 | 12.0 | -- | EP306R4 | 802-4 | OK | PAGE 120 |
| 3.0 | 2130 | 1.09 | 473 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 3.0 | 2130 | 2.42 | 473 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 3.3 | 1917 | 1.09 | 426 | 12.0 | -- | EP303R4 | 802-4 | OK | PAGE 100 |
| 3.3 | 1917 | 2.30 | 426 | 12.0 | -- | EP305R4 | 802-4 | OK | PAGE 110 |
| 3.4 | 1859 | 1.21 | 413 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 3.4 | 1859 | 2.79 | 413 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 3.6 | 1736 | 0.97 | 386 | 6.0 | EP301L4 | -- | 802-4 | OK | PAGE 90 |
| 3.7 | 1716 | 3.52 | 381 | 12.0 | -- | EP306R4 | 802-4 | OK | PAGE 120 |
| 3.7 | 1704 | 1.03 | 378 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 3.8 | 1641 | 1.45 | 364 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 3.8 | 1641 | 3.15 | 364 | 6.0 | EP305L4 | -- | 802-4 | OK | PAGE 110 |
| 3.9 | 1610 | 1.58 | 358 | 12.0 | -- | EP303R4 | 802-4 | OK | PAGE 100 |
| 3.9 | 1610 | 3.15 | 358 | 12.0 | -- | EP305R4 | 802-4 | OK | PAGE 110 |
| 4.0 | 1645 | 0.94 | 353 | 7.5 | EP303L3 | -- | 802-4 | OK | PAGE 100 |
| 4.0 | 1645 | 1.76 | 353 | 7.5 | EP305L3 | -- | 802-4 | OK | PAGE 110 |
| 4.0 | 1620 | 3.28 | 348 | 7.5 | EP306L3 | -- | 802-4 | OK | PAGE 120 |
| 4.4 | 1432 | 1.58 | 318 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 4.7 | 1392 | 1.17 | 299 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 4.7 | 1338 | 1.21 | 297 | 6.0 | EP301L4 | -- | 802-4 | OK | PAGE 90 |
| 4.8 | 1312 | 1.33 | 292 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 4.9 | 1290 | 1.94 | 287 | 12.0 | -- | EP303R4 | 802-4 | OK | PAGE 100 |
| 5.0 | 1250 | 1.82 | 278 | 6.0 | EP303L4 | -- | 802-4 | OK | PAGE 100 |
| 5.4 | 1207 | 1.41 | 259 | 7.5 | EP303L3 | -- | 802-4 | OK | PAGE 100 |
| 5.4 | 1207 | 2.81 | 259 | 7.5 | EP305L3 | -- | 802-4 | OK | PAGE 110 |
| 6.0 | 1052 | 1.58 | 234 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 6.1 | 1073 | 1.52 | 230 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 6.3 | 1000 | 0.85 | 222 | 10.0 | -- | EP300R4 | 802-4 | OK | PAGE 80 |
| 6.3 | 1000 | 1.70 | 222 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 6.3 | 994 | 2.42 | 221 | 12.0 | -- | EP303R4 | 802-4 | OK | PAGE 100 |
| 6.7 | 967 | 2.11 | 208 | 7.5 | EP303L3 | -- | 802-4 | OK | PAGE 100 |
| 7.6 | 859 | 1.00 | 185 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 7.6 | 859 | 1.88 | 185 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 7.8 | 810 | 1.03 | 180 | 10.0 | -- | EP300R4 | 802-4 | OK | PAGE 80 |
| 7.8 | 810 | 2.06 | 180 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 8.0 | 812 | 3.05 | 174 | 7.5 | EP303L3 | -- | 802-4 | OK | PAGE 100 |
| 8.3 | 757 | 3.15 | 168 | 12.0 | -- | EP303R4 | 802-4 | OK | PAGE 100 |
| 9.8 | 662 | 1.29 | 142 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 9.8 | 662 | 2.34 | 142 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 10.3 | 610 | 1.33 | 135 | 10.0 | -- | EP300R4 | 802-4 | OK | PAGE 80 |
| 10.3 | 610 | 2.67 | 135 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 12.3 | 531 | 1.52 | 114 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 12.3 | 531 | 2.81 | 114 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 12.9 | 504 | 1.64 | 108 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 12.9 | 504 | 2.93 | 108 | 7.5 | EP301L3 | -- | 802-4 | OK | PAGE 90 |
| 13.2 | 495 | 1.05 | 106 | 12.0 | -- | EP300R3 | 802-4 | OK | PAGE 80 |
| 13.2 | 495 | 2.23 | 106 | 12.0 | -- | EP301R3 | 802-4 | OK | PAGE 90 |
| 13.4 | 470 | 1.70 | 104 | 10.0 | -- | EP300R4 | 802-4 | OK | PAGE 80 |
| 13.4 | 470 | 3.27 | 104 | 10.0 | -- | EP301R4 | 802-4 | OK | PAGE 90 |
| 15.9 | 409 | 1.99 | 87.8 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |



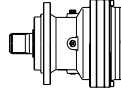
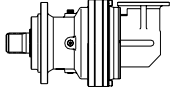
EP300 series gear motor

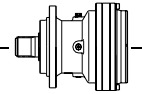
P1=0.75KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 16.4 | 396 | 1.52 | 85.2 | 12.0 | -- | EP300R3 | 802-4 | OK | PAGE 80 |
| 16.4 | 396 | 3.16 | 85.2 | 12.0 | -- | EP301R3 | 802-4 | OK | PAGE 90 |
| 17.6 | 358 | 2.18 | 79.5 | 10.0 | -- | EP300R4 | 802-4 | OK | PAGE 80 |
| 21.2 | 308 | 2.58 | 66.1 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 21.3 | 305 | 2.58 | 65.6 | 12.0 | -- | EP300R3 | 802-4 | OK | PAGE 80 |
| 26.6 | 245 | 3.16 | 52.6 | 12.0 | -- | EP300R3 | 802-4 | OK | PAGE 80 |
| 27.0 | 249 | 2.16 | 51.8 | 7.5 | EP300L2 | -- | 802-4 | OK | PAGE 80 |
| 27.5 | 237 | 3.28 | 50.9 | 7.5 | EP300L3 | -- | 802-4 | OK | PAGE 80 |
| 33.7 | 200 | 3.18 | 41.5 | 7.5 | EP300L2 | -- | 802-4 | OK | PAGE 80 |

EP300 series gear motor

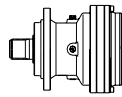
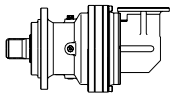
P1=1.1KW n1=1400 min⁻¹

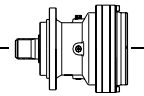
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.59 | 15670 | 1.49 | 2373 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 0.64 | 14541 | 1.16 | 2202 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 0.72 | 12786 | 1.82 | 1937 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 0.73 | 12583 | 2.56 | 1906 | 11.0 | EP311L4 | -- | 90S-4 | OK | PAGE 160 |
| 0.75 | 12252 | 1.32 | 1856 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 0.87 | 10602 | 3.55 | 1606 | 11.0 | EP311L4 | -- | 90S-4 | OK | PAGE 160 |
| 0.88 | 10448 | 2.07 | 1582 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 0.92 | 10011 | 0.99 | 1516 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 0.92 | 10011 | 1.74 | 1516 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 1.0 | 9376 | 2.73 | 1420 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 1.1 | 8372 | 2.48 | 1268 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 1.2 | 8022 | 1.40 | 1215 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 1.2 | 8022 | 1.40 | 1215 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 1.2 | 8022 | 2.07 | 1215 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 1.2 | 7934 | 0.91 | 1202 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |
| 1.2 | 7662 | 3.14 | 1160 | 11.0 | EP310L4 | -- | 90S-4 | OK | PAGE 150 |
| 1.3 | 7199 | 1.65 | 1090 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 1.3 | 7199 | 2.23 | 1090 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 1.4 | 6776 | 1.16 | 1026 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |
| 1.5 | 6034 | 1.82 | 914 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 1.5 | 6034 | 2.73 | 914 | 7.5 | EP309L4 | -- | 90S-4 | OK | PAGE 140 |
| 1.7 | 5577 | 3.55 | 845 | 14.0 | -- | EP310R4 | 90S-4 | OK | PAGE 150 |
| 1.7 | 5429 | 1.40 | 822 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |
| 1.7 | 5325 | 0.99 | 806 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 1.8 | 5068 | 2.15 | 768 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 1.9 | 4918 | 1.07 | 745 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 1.9 | 4827 | 1.98 | 731 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |
| 2.0 | 4712 | 1.24 | 714 | 12.0 | -- | EP306R4 | 90S-4 | OK | PAGE 120 |
| 2.2 | 4140 | 2.07 | 627 | 14.0 | -- | EP307R4 | 90S-4 | OK | PAGE 130 |
| 2.2 | 4140 | 3.31 | 627 | 14.0 | -- | EP309R4 | 90S-4 | OK | PAGE 140 |
| 2.3 | 4102 | 1.24 | 621 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 2.4 | 3904 | 2.73 | 591 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 2.4 | 3868 | 2.40 | 586 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |



EP300 series gear motor

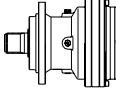
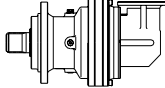
P1=1.1KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 2.4 | 3844 | 1.65 | 582 | 12.0 | -- | EP306R4 | 90S-4 | OK | PAGE 120 |
| 2.6 | 3508 | 0.99 | 531 | 12.0 | -- | EP305R4 | 90S-4 | OK | PAGE 110 |
| 2.6 | 3488 | 2.73 | 528 | 14.0 | -- | EP307R4 | 90S-4 | OK | PAGE 130 |
| 2.9 | 3141 | 1.98 | 476 | 12.0 | -- | EP306R4 | 90S-4 | OK | PAGE 120 |
| 3.0 | 3129 | 3.31 | 474 | 7.5 | EP307L4 | -- | 90S-4 | OK | PAGE 130 |
| 3.0 | 3124 | 1.65 | 473 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 3.1 | 2980 | 3.14 | 451 | 6.0 | EP306L4 | -- | 90S-4 | OK | PAGE 120 |
| 3.2 | 2850 | 3.31 | 432 | 14.0 | -- | EP307R4 | 90S-4 | OK | PAGE 130 |
| 3.3 | 2811 | 1.57 | 426 | 12.0 | -- | EP305R4 | 90S-4 | OK | PAGE 110 |
| 3.4 | 2727 | 1.90 | 413 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 3.7 | 2517 | 2.40 | 381 | 12.0 | -- | EP306R4 | 90S-4 | OK | PAGE 120 |
| 3.8 | 2407 | 0.99 | 364 | 6.0 | EP303L4 | -- | 90S-4 | OK | PAGE 100 |
| 3.8 | 2407 | 2.15 | 364 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 3.9 | 2361 | 1.07 | 358 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 3.9 | 2361 | 2.15 | 358 | 12.0 | -- | EP305R4 | 90S-4 | OK | PAGE 110 |
| 4.0 | 2413 | 1.20 | 353 | 7.5 | EP305L3 | -- | 90S-4 | OK | PAGE 110 |
| 4.0 | 2377 | 2.24 | 348 | 7.5 | EP306L3 | -- | 90S-4 | OK | PAGE 120 |
| 4.1 | 2259 | 2.64 | 342 | 12.0 | -- | EP306R4 | 90S-4 | OK | PAGE 120 |
| 4.4 | 2101 | 1.07 | 318 | 6.0 | EP303L4 | -- | 90S-4 | OK | PAGE 100 |
| 4.4 | 2101 | 2.40 | 318 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 4.8 | 1925 | 0.91 | 292 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 4.9 | 1892 | 1.32 | 287 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 4.9 | 1892 | 2.73 | 287 | 12.0 | -- | EP305R4 | 90S-4 | OK | PAGE 110 |
| 4.9 | 1939 | 3.36 | 284 | 7.5 | EP306L3 | -- | 90S-4 | OK | PAGE 120 |
| 5.0 | 1833 | 1.24 | 278 | 6.0 | EP303L4 | -- | 90S-4 | OK | PAGE 100 |
| 5.0 | 1833 | 2.73 | 278 | 6.0 | EP305L4 | -- | 90S-4 | OK | PAGE 110 |
| 5.4 | 1770 | 0.96 | 259 | 7.5 | EP303L3 | -- | 90S-4 | OK | PAGE 100 |
| 5.4 | 1770 | 1.92 | 259 | 7.5 | EP305L3 | -- | 90S-4 | OK | PAGE 110 |
| 6.0 | 1542 | 1.07 | 234 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 6.1 | 1573 | 1.04 | 230 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 6.3 | 1466 | 1.16 | 222 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 6.3 | 1458 | 1.65 | 221 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 6.3 | 1458 | 3.31 | 221 | 12.0 | -- | EP305R4 | 90S-4 | OK | PAGE 110 |
| 6.7 | 1418 | 1.44 | 208 | 7.5 | EP303L3 | -- | 90S-4 | OK | PAGE 100 |
| 6.7 | 1418 | 3.04 | 208 | 7.5 | EP305L3 | -- | 90S-4 | OK | PAGE 110 |
| 7.6 | 1260 | 1.28 | 185 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 7.8 | 1188 | 1.40 | 180 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 8.0 | 1191 | 2.08 | 174 | 7.5 | EP303L3 | -- | 90S-4 | OK | PAGE 100 |
| 8.3 | 1110 | 2.15 | 168 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 9.5 | 969 | 2.40 | 147 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 9.8 | 971 | 0.88 | 142 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 9.8 | 971 | 1.60 | 142 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 10.0 | 954 | 2.56 | 140 | 7.5 | EP303L3 | -- | 90S-4 | OK | PAGE 100 |
| 10.3 | 895 | 0.91 | 135 | 10.0 | -- | EP300R4 | 90S-4 | OK | PAGE 80 |
| 10.3 | 895 | 1.82 | 135 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 10.8 | 855 | 2.64 | 130 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 12.3 | 778 | 1.04 | 114 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 12.3 | 778 | 1.92 | 114 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 12.4 | 747 | 2.98 | 113 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 12.9 | 739 | 1.12 | 108 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 12.9 | 739 | 2.00 | 108 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |



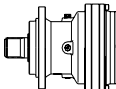
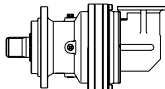
EP300 series gear motor

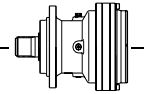
P1=1.1KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 13.0 | 735 | 3.20 | 108 | 7.5 | EP303L3 | -- | 90S-4 | OK | PAGE 100 |
| 13.2 | 726 | 1.52 | 106 | 12.0 | -- | EP301R3 | 90S-4 | OK | PAGE 90 |
| 13.4 | 689 | 1.16 | 104 | 10.0 | -- | EP300R4 | 90S-4 | OK | PAGE 80 |
| 13.4 | 689 | 2.23 | 104 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 13.9 | 687 | 2.40 | 101 | 14.0 | -- | EP303R3 | 90S-4 | OK | PAGE 100 |
| 14.2 | 651 | 3.31 | 98.6 | 12.0 | -- | EP303R4 | 90S-4 | OK | PAGE 100 |
| 15.9 | 599 | 1.36 | 87.8 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 15.9 | 599 | 2.40 | 87.8 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 16.4 | 581 | 1.04 | 85.2 | 12.0 | -- | EP300R3 | 90S-4 | OK | PAGE 80 |
| 16.4 | 581 | 2.16 | 85.2 | 12.0 | -- | EP301R3 | 90S-4 | OK | PAGE 90 |
| 17.0 | 561 | 2.96 | 82.2 | 14.0 | -- | EP303R3 | 90S-4 | OK | PAGE 100 |
| 17.6 | 525 | 1.49 | 79.5 | 10.0 | -- | EP300R4 | 90S-4 | OK | PAGE 80 |
| 17.6 | 525 | 2.89 | 79.5 | 10.0 | -- | EP301R4 | 90S-4 | OK | PAGE 90 |
| 19.0 | 504 | 3.36 | 73.8 | 14.0 | -- | EP303R3 | 90S-4 | OK | PAGE 100 |
| 21.2 | 451 | 1.76 | 66.1 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 21.2 | 451 | 3.04 | 66.1 | 7.5 | EP301L3 | -- | 90S-4 | OK | PAGE 90 |
| 21.3 | 448 | 1.76 | 65.6 | 12.0 | -- | EP300R3 | 90S-4 | OK | PAGE 80 |
| 21.3 | 448 | 3.28 | 65.6 | 12.0 | -- | EP301R3 | 90S-4 | OK | PAGE 90 |
| 26.6 | 359 | 2.16 | 52.6 | 12.0 | -- | EP300R3 | 90S-4 | OK | PAGE 80 |
| 27.0 | 366 | 1.47 | 51.8 | 7.5 | EP300L2 | -- | 90S-4 | OK | PAGE 80 |
| 27.0 | 366 | 2.79 | 51.8 | 7.5 | EP301L2 | -- | 90S-4 | OK | PAGE 90 |
| 27.5 | 348 | 2.24 | 50.9 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 33.7 | 293 | 2.17 | 41.5 | 7.5 | EP300L2 | -- | 90S-4 | OK | PAGE 80 |
| 34.6 | 276 | 2.64 | 40.5 | 12.0 | -- | EP300R3 | 90S-4 | OK | PAGE 80 |
| 36.1 | 265 | 2.80 | 38.8 | 7.5 | EP300L3 | -- | 90S-4 | OK | PAGE 80 |
| 43.8 | 226 | 3.17 | 32.0 | 7.5 | EP300L2 | -- | 90S-4 | OK | PAGE 80 |
| 45.4 | 211 | 3.36 | 30.8 | 12.0 | -- | EP300R3 | 90S-4 | OK | PAGE 80 |

EP300 series gear motor

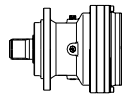
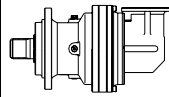
P1=1.5KW n1=1400 min⁻¹

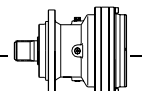
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.59 | 21369 | 1.09 | 2373 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 0.64 | 19828 | 0.85 | 2202 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 0.72 | 17435 | 1.33 | 1937 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 0.73 | 17159 | 1.88 | 1906 | 11.0 | EP311L4 | -- | 90L-4 | OK | PAGE 160 |
| 0.75 | 16735 | 2.73 | 1859 | 11.0 | EP313L4 | -- | 90L-4 | OK | PAGE 170 |
| 0.75 | 16707 | 0.97 | 1856 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 0.87 | 14458 | 2.61 | 1606 | 11.0 | EP311L4 | -- | 90L-4 | OK | PAGE 160 |
| 0.88 | 14247 | 1.52 | 1582 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 0.89 | 14114 | 3.45 | 1568 | 11.0 | EP313L4 | -- | 90L-4 | OK | PAGE 170 |
| 0.92 | 13652 | 1.27 | 1516 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 1.0 | 12786 | 2.00 | 1420 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 1.0 | 12182 | 3.03 | 1353 | 11.0 | EP311L4 | -- | 90L-4 | OK | PAGE 160 |
| 1.1 | 11416 | 1.82 | 1268 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 1.2 | 10939 | 1.03 | 1215 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 1.2 | 10939 | 1.52 | 1215 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |



EP300 series gear motor

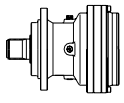
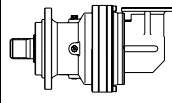
P1=1.5KW n1=1400 min⁻¹

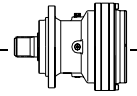
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.2 | 10448 | 2.30 | 1160 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 1.3 | 9817 | 1.21 | 1090 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 1.3 | 9817 | 1.64 | 1090 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 1.4 | 9240 | 0.85 | 1026 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 1.5 | 8372 | 2.67 | 930 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 1.5 | 8228 | 1.33 | 914 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 1.5 | 8228 | 2.00 | 914 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 1.7 | 7605 | 2.61 | 845 | 14.0 | -- | EP310R4 | 90L-4 | OK | PAGE 150 |
| 1.7 | 7513 | 2.91 | 834 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 1.7 | 7404 | 1.03 | 822 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 1.8 | 6911 | 1.58 | 768 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 1.8 | 6911 | 2.73 | 768 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 1.9 | 6582 | 1.45 | 731 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 2.0 | 6425 | 0.91 | 714 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 2.0 | 6416 | 3.39 | 713 | 11.0 | EP310L4 | -- | 90L-4 | OK | PAGE 150 |
| 2.0 | 6205 | 3.03 | 689 | 14.0 | -- | EP310R4 | 90L-4 | OK | PAGE 150 |
| 2.2 | 5645 | 1.52 | 627 | 14.0 | -- | EP307R4 | 90L-4 | OK | PAGE 130 |
| 2.2 | 5645 | 2.42 | 627 | 14.0 | -- | EP309R4 | 90L-4 | OK | PAGE 140 |
| 2.3 | 5594 | 0.91 | 621 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |
| 2.4 | 5324 | 2.00 | 591 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 2.4 | 5324 | 3.33 | 591 | 7.5 | EP309L4 | -- | 90L-4 | OK | PAGE 140 |
| 2.4 | 5274 | 1.76 | 586 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 2.4 | 5242 | 1.21 | 582 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 2.5 | 5071 | 3.64 | 563 | 14.0 | -- | EP310R4 | 90L-4 | OK | PAGE 150 |
| 2.6 | 4757 | 2.00 | 528 | 14.0 | -- | EP307R4 | 90L-4 | OK | PAGE 130 |
| 2.6 | 4757 | 2.73 | 528 | 14.0 | -- | EP309R4 | 90L-4 | OK | PAGE 140 |
| 2.9 | 4284 | 1.45 | 476 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 3.0 | 4266 | 2.42 | 474 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 3.0 | 4260 | 1.21 | 473 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |
| 3.1 | 4063 | 2.30 | 451 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 3.2 | 3887 | 2.42 | 432 | 14.0 | -- | EP307R4 | 90L-4 | OK | PAGE 130 |
| 3.3 | 3833 | 1.15 | 426 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 3.4 | 3719 | 1.39 | 413 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |
| 3.7 | 3432 | 1.76 | 381 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 3.8 | 3287 | 3.03 | 365 | 7.5 | EP307L4 | -- | 90L-4 | OK | PAGE 130 |
| 3.8 | 3282 | 1.58 | 364 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |
| 3.9 | 3220 | 1.58 | 358 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 4.0 | 3291 | 0.88 | 353 | 7.5 | EP305L3 | -- | 90L-4 | OK | PAGE 110 |
| 4.0 | 3241 | 1.64 | 348 | 7.5 | EP306L3 | -- | 90L-4 | OK | PAGE 120 |
| 4.0 | 3115 | 3.03 | 346 | 14.0 | -- | EP307R4 | 90L-4 | OK | PAGE 130 |
| 4.1 | 3094 | 2.97 | 344 | 6.0 | EP306L4 | -- | 90L-4 | OK | PAGE 120 |
| 4.1 | 3080 | 1.94 | 342 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 4.4 | 2865 | 1.76 | 318 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |
| 4.5 | 2795 | 3.33 | 310 | 14.0 | -- | EP307R4 | 90L-4 | OK | PAGE 130 |
| 4.6 | 2848 | 2.93 | 306 | 11.0 | EP307L3 | -- | 90L-4 | OK | PAGE 130 |
| 4.8 | 2631 | 2.91 | 292 | 12.0 | -- | EP306R4 | 90L-4 | OK | PAGE 120 |
| 4.9 | 2580 | 0.97 | 287 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 4.9 | 2580 | 2.00 | 287 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 4.9 | 2644 | 2.46 | 284 | 7.5 | EP306L3 | -- | 90L-4 | OK | PAGE 120 |
| 5.0 | 2499 | 0.91 | 278 | 6.0 | EP303L4 | -- | 90L-4 | OK | PAGE 100 |
| 5.0 | 2499 | 2.00 | 278 | 6.0 | EP305L4 | -- | 90L-4 | OK | PAGE 110 |



EP300 series gear motor

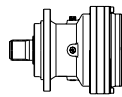
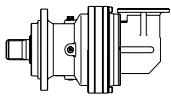
P1=1.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 5.4 | 2413 | 1.41 | 259 | 7.5 | EP305L3 | -- | 90L-4 | OK | PAGE 110 |
| 6.0 | 2161 | 2.99 | 232 | 7.5 | EP306L3 | -- | 90L-4 | OK | PAGE 120 |
| 6.3 | 1999 | 0.85 | 222 | 10.0 | -- | EP301R4 | 90L-4 | OK | PAGE 90 |
| 6.3 | 1988 | 1.21 | 221 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 6.3 | 1988 | 2.42 | 221 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 6.7 | 1934 | 1.05 | 208 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 6.7 | 1934 | 2.23 | 208 | 7.5 | EP305L3 | -- | 90L-4 | OK | PAGE 110 |
| 7.6 | 1719 | 0.94 | 185 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 7.8 | 1620 | 1.03 | 180 | 10.0 | -- | EP301R4 | 90L-4 | OK | PAGE 90 |
| 8.0 | 1624 | 1.52 | 174 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 8.0 | 1624 | 2.93 | 174 | 7.5 | EP305L3 | -- | 90L-4 | OK | PAGE 110 |
| 8.3 | 1514 | 1.58 | 168 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 8.3 | 1514 | 2.73 | 168 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 9.5 | 1321 | 1.76 | 147 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 9.5 | 1321 | 3.03 | 147 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 9.8 | 1324 | 1.17 | 142 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 10.0 | 1302 | 1.88 | 140 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 10.3 | 1220 | 1.33 | 135 | 10.0 | -- | EP301R4 | 90L-4 | OK | PAGE 90 |
| 10.8 | 1166 | 1.94 | 130 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 10.8 | 1166 | 3.33 | 130 | 12.0 | -- | EP305R4 | 90L-4 | OK | PAGE 110 |
| 12.3 | 1061 | 1.41 | 114 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 12.4 | 1018 | 2.18 | 113 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 12.9 | 1008 | 1.47 | 108 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 13.0 | 1003 | 2.34 | 108 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 13.2 | 989 | 1.11 | 106 | 12.0 | -- | EP301R3 | 90L-4 | OK | PAGE 90 |
| 13.4 | 940 | 0.85 | 104 | 10.0 | -- | EP300R4 | 90L-4 | OK | PAGE 80 |
| 13.4 | 940 | 1.64 | 104 | 10.0 | -- | EP301R4 | 90L-4 | OK | PAGE 90 |
| 13.9 | 937 | 1.76 | 101 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 13.9 | 937 | 3.11 | 101 | 14.0 | -- | EP305R3 | 90L-4 | OK | PAGE 110 |
| 14.2 | 888 | 2.42 | 98.6 | 12.0 | -- | EP303R4 | 90L-4 | OK | PAGE 100 |
| 15.9 | 817 | 1.00 | 87.8 | 7.5 | EP300L3 | -- | 90L-4 | OK | PAGE 80 |
| 15.9 | 817 | 1.76 | 87.8 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 16.4 | 793 | 1.58 | 85.2 | 12.0 | -- | EP301R3 | 90L-4 | OK | PAGE 90 |
| 17.0 | 766 | 2.17 | 82.2 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 17.1 | 764 | 2.93 | 82.0 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 17.6 | 716 | 1.09 | 79.5 | 10.0 | -- | EP300R4 | 90L-4 | OK | PAGE 80 |
| 17.6 | 716 | 2.12 | 79.5 | 10.0 | -- | EP301R4 | 90L-4 | OK | PAGE 90 |
| 19.0 | 687 | 2.46 | 73.8 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 19.6 | 667 | 3.22 | 71.6 | 7.5 | EP303L3 | -- | 90L-4 | OK | PAGE 100 |
| 21.2 | 615 | 1.29 | 66.1 | 7.5 | EP300L3 | -- | 90L-4 | OK | PAGE 80 |
| 21.2 | 615 | 2.23 | 66.1 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 21.2 | 613 | 2.64 | 65.9 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 21.3 | 611 | 1.29 | 65.6 | 12.0 | -- | EP300R3 | 90L-4 | OK | PAGE 80 |
| 21.3 | 611 | 2.40 | 65.6 | 12.0 | -- | EP301R3 | 90L-4 | OK | PAGE 90 |
| 22.8 | 573 | 3.28 | 61.5 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 23.7 | 551 | 2.81 | 59.1 | 14.0 | -- | EP303R3 | 90L-4 | OK | PAGE 100 |
| 26.6 | 489 | 1.58 | 52.6 | 12.0 | -- | EP300R3 | 90L-4 | OK | PAGE 80 |
| 26.6 | 489 | 2.93 | 52.6 | 12.0 | -- | EP301R3 | 90L-4 | OK | PAGE 90 |
| 27.0 | 499 | 1.08 | 51.8 | 7.5 | EP300L2 | -- | 90L-4 | OK | PAGE 80 |
| 27.0 | 499 | 2.04 | 51.8 | 7.5 | EP301L2 | -- | 90L-4 | OK | PAGE 90 |
| 27.5 | 474 | 1.64 | 50.9 | 7.5 | EP300L3 | -- | 90L-4 | OK | PAGE 80 |



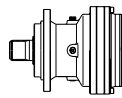
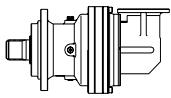
EP300 series gear motor

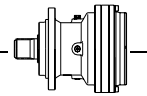
P1=1.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 27.5 | 474 | 2.87 | 50.9 | 7.5 | EP301L3 | -- | 90L-4 | OK | PAGE 90 |
| 28.5 | 472 | 3.40 | 49.1 | 9.0 | EP303L2 | -- | 90L-4 | OK | PAGE 100 |
| 33.7 | 399 | 1.59 | 41.5 | 7.5 | EP300L2 | -- | 90L-4 | OK | PAGE 80 |
| 33.7 | 399 | 2.95 | 41.5 | 7.5 | EP301L2 | -- | 90L-4 | OK | PAGE 90 |
| 34.6 | 377 | 1.93 | 40.5 | 12.0 | -- | EP300R3 | 90L-4 | OK | PAGE 80 |
| 36.1 | 361 | 2.05 | 38.8 | 7.5 | EP300L3 | -- | 90L-4 | OK | PAGE 80 |
| 43.8 | 308 | 2.33 | 32.0 | 7.5 | EP300L2 | -- | 90L-4 | OK | PAGE 80 |
| 45.4 | 287 | 2.46 | 30.8 | 12.0 | -- | EP300R3 | 90L-4 | OK | PAGE 80 |
| 54.6 | 247 | 2.84 | 25.6 | 7.5 | EP300L2 | -- | 90L-4 | OK | PAGE 80 |
| 59.6 | 219 | 2.93 | 23.5 | 12.0 | -- | EP300R3 | 90L-4 | OK | PAGE 80 |
| 94.9 | 142 | 2.84 | 14.8 | 12.0 | -- | EP300R2 | 90L-4 | OK | PAGE 80 |

EP300 series gear motor

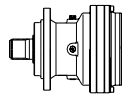
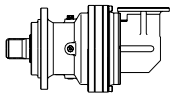
P1=2.2KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|--|--|----------------------|------------------------------------|-----------------------------|
| 0.7 | 27122 | 2.89 | 2054 | 18.0 | EP315L4 | -- | 100L1-4 | OK | PAGE 180 |
| 0.72 | 25572 | 0.91 | 1937 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 0.73 | 25166 | 1.28 | 1906 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 0.75 | 24545 | 1.86 | 1859 | 11.0 | EP313L4 | -- | 100L1-4 | OK | PAGE 170 |
| 0.87 | 21205 | 1.78 | 1606 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 0.88 | 20896 | 1.03 | 1582 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 0.89 | 20700 | 2.36 | 1568 | 11.0 | EP313L4 | -- | 100L1-4 | OK | PAGE 170 |
| 0.92 | 20023 | 0.87 | 1516 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 1.0 | 18753 | 1.36 | 1420 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 1.0 | 17867 | 2.07 | 1353 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 1.1 | 17442 | 2.77 | 1321 | 11.0 | EP313L4 | -- | 100L1-4 | OK | PAGE 170 |
| 1.1 | 16743 | 1.24 | 1268 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 1.2 | 16044 | 1.03 | 1215 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 1.2 | 15324 | 1.57 | 1160 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 1.3 | 14600 | 2.48 | 1106 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 1.3 | 14398 | 1.12 | 1090 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 1.3 | 14252 | 3.31 | 1079 | 11.0 | EP313L4 | -- | 100L1-4 | OK | PAGE 170 |
| 1.5 | 12279 | 1.82 | 930 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 1.5 | 12067 | 0.91 | 914 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 1.5 | 12067 | 1.36 | 914 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 1.6 | 11699 | 3.02 | 886 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 1.7 | 11154 | 1.78 | 845 | 14.0 | -- | EP310R4 | 100L1-4 | OK | PAGE 150 |
| 1.7 | 11019 | 1.98 | 834 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 1.8 | 10499 | 3.31 | 795 | 11.0 | EP311L4 | -- | 100L1-4 | OK | PAGE 160 |
| 1.8 | 10136 | 1.07 | 768 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 1.8 | 10136 | 1.86 | 768 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 1.9 | 9654 | 0.99 | 731 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 2.0 | 9411 | 2.31 | 713 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 2.0 | 9101 | 2.07 | 689 | 14.0 | -- | EP310R4 | 100L1-4 | OK | PAGE 150 |
| 2.2 | 8280 | 1.03 | 627 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 2.2 | 8280 | 1.65 | 627 | 14.0 | -- | EP309R4 | 100L1-4 | OK | PAGE 140 |



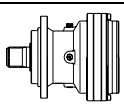
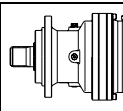
EP300 series gear motor

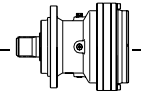
P1=2.2KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---------------------------------|---|--|
| 2.3 | 7981 | 2.69 | 604 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 2.4 | 7809 | 1.36 | 591 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 2.4 | 7809 | 2.27 | 591 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 2.4 | 7735 | 1.20 | 586 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 2.5 | 7437 | 2.48 | 563 | 14.0 | -- | EP310R4 | 100L1-4 | OK | PAGE 150 |
| 2.6 | 6977 | 1.36 | 528 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 2.6 | 6977 | 1.86 | 528 | 14.0 | -- | EP309R4 | 100L1-4 | OK | PAGE 140 |
| 2.8 | 6704 | 3.51 | 508 | 11.0 | EP310L4 | -- | 100L1-4 | OK | PAGE 150 |
| 2.8 | 6674 | 3.18 | 505 | 14.0 | -- | EP310R4 | 100L1-4 | OK | PAGE 150 |
| 2.9 | 6283 | 0.99 | 476 | 12.0 | -- | EP306R4 | 100L1-4 | OK | PAGE 120 |
| 3.0 | 6257 | 1.65 | 474 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 3.0 | 6257 | 2.69 | 474 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 3.1 | 5959 | 1.57 | 451 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 3.2 | 5701 | 1.65 | 432 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 3.2 | 5701 | 2.89 | 432 | 14.0 | -- | EP309R4 | 100L1-4 | OK | PAGE 140 |
| 3.4 | 5454 | 0.95 | 413 | 6.0 | EP305L4 | -- | 100L1-4 | OK | PAGE 110 |
| 3.7 | 5034 | 1.20 | 381 | 12.0 | -- | EP306R4 | 100L1-4 | OK | PAGE 120 |
| 3.8 | 4820 | 2.07 | 365 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 3.8 | 4820 | 3.31 | 365 | 7.5 | EP309L4 | -- | 100L1-4 | OK | PAGE 140 |
| 3.8 | 4813 | 1.07 | 364 | 6.0 | EP305L4 | -- | 100L1-4 | OK | PAGE 110 |
| 3.9 | 4723 | 1.07 | 358 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 4.0 | 4753 | 1.12 | 348 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 4.0 | 4753 | 1.12 | 348 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 4.0 | 4568 | 2.07 | 346 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 4.0 | 4568 | 3.31 | 346 | 14.0 | -- | EP309R4 | 100L1-4 | OK | PAGE 140 |
| 4.1 | 4538 | 2.02 | 344 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 4.1 | 4518 | 1.32 | 342 | 12.0 | -- | EP306R4 | 100L1-4 | OK | PAGE 120 |
| 4.4 | 4202 | 1.20 | 318 | 6.0 | EP305L4 | -- | 100L1-4 | OK | PAGE 110 |
| 4.5 | 4100 | 2.27 | 310 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 4.6 | 4177 | 2.00 | 306 | 11.0 | EP307L3 | -- | 100L1-4 | OK | PAGE 130 |
| 4.6 | 4177 | 2.80 | 306 | 11.0 | EP309L3 | -- | 100L1-4 | OK | PAGE 140 |
| 4.8 | 3858 | 1.98 | 292 | 12.0 | -- | EP306R4 | 100L1-4 | OK | PAGE 120 |
| 4.9 | 3784 | 1.36 | 287 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 4.9 | 3878 | 1.68 | 284 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 4.9 | 3878 | 1.68 | 284 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 5.0 | 3671 | 2.48 | 278 | 7.5 | EP307L4 | -- | 100L1-4 | OK | PAGE 130 |
| 5.0 | 3665 | 1.36 | 278 | 6.0 | EP305L4 | -- | 100L1-4 | OK | PAGE 110 |
| 5.3 | 3479 | 2.56 | 263 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 5.4 | 3436 | 2.48 | 260 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 5.4 | 3539 | 0.96 | 259 | 7.5 | EP305L3 | -- | 100L1-4 | OK | PAGE 110 |
| 5.4 | 3519 | 2.80 | 258 | 11.0 | EP307L3 | -- | 100L1-4 | OK | PAGE 130 |
| 6.0 | 3169 | 2.04 | 232 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 6.0 | 3169 | 2.04 | 232 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 6.3 | 2915 | 1.65 | 221 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 6.4 | 2886 | 2.89 | 219 | 14.0 | -- | EP307R4 | 100L1-4 | OK | PAGE 130 |
| 6.6 | 2876 | 3.20 | 211 | 11.0 | EP307L3 | -- | 100L1-4 | OK | PAGE 130 |
| 6.7 | 2749 | 3.10 | 208 | 12.0 | -- | EP306R4 | 100L1-4 | OK | PAGE 120 |
| 6.7 | 2836 | 1.52 | 208 | 7.5 | EP305L3 | -- | 100L1-4 | OK | PAGE 110 |
| 6.9 | 2680 | 3.31 | 203 | 6.0 | EP306L4 | -- | 100L1-4 | OK | PAGE 120 |
| 8.0 | 2382 | 1.04 | 174 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 8.0 | 2382 | 2.00 | 174 | 7.5 | EP305L3 | -- | 100L1-4 | OK | PAGE 110 |

EP300 series gear motor

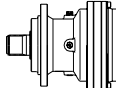
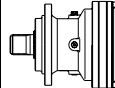
P1=2.2KW n1=1400 min⁻¹

| n ₂ (min ⁻¹) | M ₂ (N.m) | S | I I: | P _t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------|------|---------|------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 8.3 | 2220 | 1.07 | 168 | 12.0 | -- | EP303R4 | 100L1-4 | OK | PAGE 100 |
| 8.3 | 2220 | 1.86 | 168 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 8.4 | 2279 | 2.76 | 167 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 8.4 | 2279 | 2.76 | 167 | 7.5 | EP306L3 | -- | 100L1-4 | OK | PAGE 120 |
| 9.5 | 1938 | 1.20 | 147 | 12.0 | -- | EP303R4 | 100L1-4 | OK | PAGE 100 |
| 9.5 | 1938 | 2.07 | 147 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 10.0 | 1909 | 1.28 | 140 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 10.0 | 1909 | 2.48 | 140 | 7.5 | EP305L3 | -- | 100L1-4 | OK | PAGE 110 |
| 10.3 | 1789 | 0.91 | 135 | 10.0 | -- | EP301R4 | 100L1-4 | OK | PAGE 90 |
| 10.8 | 1710 | 1.32 | 130 | 12.0 | -- | EP303R4 | 100L1-4 | OK | PAGE 100 |
| 10.8 | 1710 | 2.27 | 130 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 12.3 | 1556 | 0.96 | 114 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 12.4 | 1493 | 1.49 | 113 | 12.0 | -- | EP303R4 | 100L1-4 | OK | PAGE 100 |
| 12.4 | 1493 | 2.52 | 113 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 12.9 | 1479 | 1.00 | 108 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 13.0 | 1471 | 1.60 | 108 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 13.0 | 1471 | 2.80 | 108 | 7.5 | EP305L3 | -- | 100L1-4 | OK | PAGE 110 |
| 13.4 | 1378 | 1.12 | 104 | 10.0 | -- | EP301R4 | 100L1-4 | OK | PAGE 90 |
| 13.9 | 1374 | 1.20 | 101 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 13.9 | 1374 | 2.12 | 101 | 14.0 | -- | EP305R3 | 100L1-4 | OK | PAGE 110 |
| 14.2 | 1302 | 1.65 | 98.6 | 12.0 | -- | EP303R4 | 100L1-4 | OK | PAGE 100 |
| 14.2 | 1302 | 2.89 | 98.6 | 12.0 | -- | EP305R4 | 100L1-4 | OK | PAGE 110 |
| 15.9 | 1199 | 1.20 | 87.8 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 16.4 | 1163 | 1.08 | 85.2 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 17.0 | 1123 | 1.48 | 82.2 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 17.0 | 1123 | 2.80 | 82.2 | 14.0 | -- | EP305R3 | 100L1-4 | OK | PAGE 110 |
| 17.1 | 1120 | 2.00 | 82.0 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 17.6 | 1050 | 1.45 | 79.5 | 10.0 | -- | EP301R4 | 100L1-4 | OK | PAGE 90 |
| 19.0 | 1008 | 1.68 | 73.8 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 19.6 | 978 | 2.20 | 71.6 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 21.2 | 902 | 0.88 | 66.1 | 7.5 | EP300L3 | -- | 100L1-4 | OK | PAGE 80 |
| 21.2 | 902 | 1.52 | 66.1 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 21.2 | 900 | 1.80 | 65.9 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 21.3 | 896 | 0.88 | 65.6 | 12.0 | -- | EP300R3 | 100L1-4 | OK | PAGE 80 |
| 21.3 | 896 | 1.64 | 65.6 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 22.2 | 863 | 2.48 | 63.2 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 22.8 | 840 | 2.24 | 61.5 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 23.7 | 807 | 1.92 | 59.1 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 25.4 | 753 | 2.80 | 55.2 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 26.6 | 718 | 1.08 | 52.6 | 12.0 | -- | EP300R3 | 100L1-4 | OK | PAGE 80 |
| 26.6 | 718 | 2.00 | 52.6 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 27.0 | 709 | 2.72 | 51.9 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 27.0 | 731 | 1.39 | 51.8 | 7.5 | EP301L2 | -- | 100L1-4 | OK | PAGE 90 |
| 27.5 | 695 | 1.12 | 50.9 | 7.5 | EP300L3 | -- | 100L1-4 | OK | PAGE 80 |
| 27.5 | 695 | 1.96 | 50.9 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 28.2 | 678 | 3.48 | 49.7 | 14.0 | -- | EP303R3 | 100L1-4 | OK | PAGE 100 |
| 28.5 | 692 | 2.32 | 49.1 | 9.0 | EP303L2 | -- | 100L1-4 | OK | PAGE 100 |
| 29.1 | 657 | 3.20 | 48.1 | 7.5 | EP303L3 | -- | 100L1-4 | OK | PAGE 100 |
| 33.7 | 586 | 1.08 | 41.5 | 7.5 | EP300L2 | -- | 100L1-4 | OK | PAGE 80 |
| 33.7 | 586 | 2.01 | 41.5 | 7.5 | EP301L2 | -- | 100L1-4 | OK | PAGE 90 |
| 34.6 | 553 | 1.32 | 40.5 | 12.0 | -- | EP300R3 | 100L1-4 | OK | PAGE 80 |



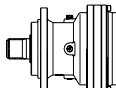
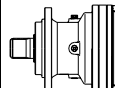
EP300 series gear motor

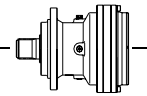
P1=2.2KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 34.6 | 553 | 2.52 | 40.5 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 34.9 | 566 | 3.09 | 40.1 | 9.0 | EP303L2 | -- | 100L1-4 | OK | PAGE 100 |
| 36.1 | 529 | 1.40 | 38.8 | 7.5 | EP300L3 | -- | 100L1-4 | OK | PAGE 80 |
| 36.1 | 529 | 2.40 | 38.8 | 7.5 | EP301L3 | -- | 100L1-4 | OK | PAGE 90 |
| 43.8 | 451 | 1.59 | 32.0 | 7.5 | EP300L2 | -- | 100L1-4 | OK | PAGE 80 |
| 43.8 | 451 | 2.90 | 32.0 | 7.5 | EP301L2 | -- | 100L1-4 | OK | PAGE 90 |
| 45.4 | 421 | 1.68 | 30.8 | 12.0 | -- | EP300R3 | 100L1-4 | OK | PAGE 80 |
| 45.4 | 421 | 3.08 | 30.8 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 54.6 | 362 | 1.93 | 25.6 | 7.5 | EP300L2 | -- | 100L1-4 | OK | PAGE 80 |
| 54.6 | 362 | 3.17 | 25.6 | 7.5 | EP301L2 | -- | 100L1-4 | OK | PAGE 90 |
| 59.6 | 321 | 2.00 | 23.5 | 12.0 | -- | EP300R3 | 100L1-4 | OK | PAGE 80 |
| 59.6 | 321 | 3.20 | 23.5 | 12.0 | -- | EP301R3 | 100L1-4 | OK | PAGE 90 |
| 70.9 | 279 | 2.40 | 19.8 | 7.5 | EP300L2 | -- | 100L1-4 | OK | PAGE 80 |
| 93.1 | 212 | 2.90 | 15.0 | 7.5 | EP300L2 | -- | 100L1-4 | OK | PAGE 80 |
| 94.9 | 208 | 1.93 | 14.8 | 12.0 | -- | EP300R2 | 100L1-4 | OK | PAGE 80 |
| 118 | 167 | 2.90 | 11.8 | 12.0 | -- | EP300R2 | 100L1-4 | OK | PAGE 80 |

EP300 series gear motor

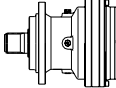
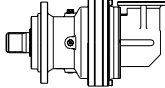
P1=3.0KW **n1=1400 min⁻¹**

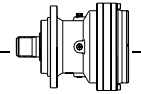
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.7 | 36984 | 2.12 | 2054 | 18.0 | EP315L4 | -- | 100L2-4 | OK | PAGE 180 |
| 0.73 | 34318 | 0.94 | 1906 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 0.75 | 33470 | 1.36 | 1859 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 0.8 | 31162 | 2.73 | 1731 | 18.0 | EP315L4 | -- | 100L2-4 | OK | PAGE 180 |
| 0.87 | 28916 | 1.30 | 1606 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 0.89 | 28227 | 1.73 | 1568 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 1.0 | 25572 | 1.00 | 1420 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 1.0 | 25427 | 3.18 | 1412 | 18.0 | EP315L4 | -- | 100L2-4 | OK | PAGE 180 |
| 1.0 | 24364 | 1.52 | 1353 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 1.1 | 23784 | 2.03 | 1321 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 1.1 | 22832 | 0.91 | 1268 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 1.1 | 22129 | 3.18 | 1229 | 18.0 | EP315L4 | -- | 100L2-4 | OK | PAGE 180 |
| 1.2 | 20896 | 1.15 | 1160 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 1.3 | 19909 | 1.82 | 1106 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 1.3 | 19435 | 2.42 | 1079 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 1.5 | 16743 | 1.33 | 930 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 1.5 | 16455 | 1.00 | 914 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 1.6 | 15953 | 2.21 | 886 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 1.6 | 15573 | 2.73 | 865 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 1.7 | 15210 | 1.30 | 845 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |
| 1.7 | 15026 | 1.45 | 834 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 1.8 | 14317 | 2.42 | 795 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 1.8 | 13976 | 3.03 | 776 | 11.0 | EP313L4 | -- | 100L2-4 | OK | PAGE 170 |
| 1.8 | 13822 | 1.36 | 768 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 2.0 | 12833 | 1.70 | 713 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 2.0 | 12411 | 1.52 | 689 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |



EP300 series gear motor

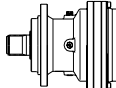
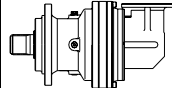
P1=3.0KW n1=1400 min⁻¹

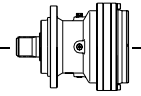
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---------------------------------|---|--|
| 2.1 | 11999 | 2.88 | 666 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 2.1 | 11912 | 3.33 | 662 | 22.0 | -- | EP313R4 | 100L2-4 | OK | PAGE 170 |
| 2.2 | 11291 | 1.21 | 627 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 2.3 | 10883 | 1.97 | 604 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 2.4 | 10648 | 1.00 | 591 | 7.5 | EP307L4 | -- | 100L2-4 | OK | PAGE 130 |
| 2.4 | 10648 | 1.67 | 591 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 2.4 | 10548 | 0.88 | 586 | 6.0 | EP306L4 | -- | 100L2-4 | OK | PAGE 120 |
| 2.5 | 10141 | 1.82 | 563 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |
| 2.5 | 10079 | 3.39 | 560 | 11.0 | EP311L4 | -- | 100L2-4 | OK | PAGE 160 |
| 2.6 | 9771 | 2.88 | 543 | 22.0 | -- | EP311R4 | 100L2-4 | OK | PAGE 160 |
| 2.6 | 9514 | 1.00 | 528 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 2.6 | 9514 | 1.36 | 528 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 2.8 | 9142 | 2.58 | 508 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 2.8 | 9101 | 2.33 | 505 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |
| 3.0 | 8532 | 1.21 | 474 | 7.5 | EP307L4 | -- | 100L2-4 | OK | PAGE 130 |
| 3.0 | 8532 | 1.97 | 474 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 3.1 | 8126 | 1.15 | 451 | 6.0 | EP306L4 | -- | 100L2-4 | OK | PAGE 120 |
| 3.2 | 7774 | 1.21 | 432 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 3.2 | 7774 | 2.12 | 432 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 3.3 | 7679 | 2.88 | 426 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 3.4 | 7437 | 2.82 | 413 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |
| 3.8 | 6674 | 3.09 | 371 | 14.0 | -- | EP310R4 | 100L2-4 | OK | PAGE 150 |
| 3.8 | 6573 | 1.52 | 365 | 7.5 | EP307L4 | -- | 100L2-4 | OK | PAGE 130 |
| 3.8 | 6573 | 2.42 | 365 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 4.0 | 6229 | 1.52 | 346 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 4.0 | 6229 | 2.42 | 346 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 4.1 | 6188 | 1.48 | 344 | 6.0 | EP306L4 | -- | 100L2-4 | OK | PAGE 120 |
| 4.1 | 6161 | 0.97 | 342 | 12.0 | -- | EP306R4 | 100L2-4 | OK | PAGE 120 |
| 4.2 | 6138 | 2.78 | 330 | 18.0 | EP310L3 | -- | 100L2-4 | OK | PAGE 150 |
| 4.3 | 5916 | 3.64 | 329 | 11.0 | EP310L4 | -- | 100L2-4 | OK | PAGE 150 |
| 4.4 | 5730 | 0.88 | 318 | 6.0 | EP305L4 | -- | 100L2-4 | OK | PAGE 110 |
| 4.5 | 5590 | 1.67 | 310 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 4.5 | 5590 | 2.73 | 310 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 4.6 | 5696 | 1.47 | 306 | 11.0 | EP307L3 | -- | 100L2-4 | OK | PAGE 130 |
| 4.8 | 5261 | 1.45 | 292 | 12.0 | -- | EP306R4 | 100L2-4 | OK | PAGE 120 |
| 4.9 | 5160 | 1.00 | 287 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 4.9 | 5289 | 1.23 | 284 | 7.5 | EP306L3 | -- | 100L2-4 | OK | PAGE 120 |
| 5.0 | 5006 | 1.82 | 278 | 7.5 | EP307L4 | -- | 100L2-4 | OK | PAGE 130 |
| 5.0 | 5006 | 3.03 | 278 | 7.5 | EP309L4 | -- | 100L2-4 | OK | PAGE 140 |
| 5.0 | 4998 | 1.00 | 278 | 6.0 | EP305L4 | -- | 100L2-4 | OK | PAGE 110 |
| 5.2 | 5008 | 3.37 | 269 | 18.0 | EP310L3 | -- | 100L2-4 | OK | PAGE 150 |
| 5.3 | 4744 | 1.88 | 263 | 6.0 | EP306L4 | -- | 100L2-4 | OK | PAGE 120 |
| 5.4 | 4685 | 1.82 | 260 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 5.4 | 4685 | 3.18 | 260 | 14.0 | -- | EP309R4 | 100L2-4 | OK | PAGE 140 |
| 5.4 | 4799 | 2.05 | 258 | 11.0 | EP307L3 | -- | 100L2-4 | OK | PAGE 130 |
| 5.4 | 4799 | 2.34 | 258 | 11.0 | EP309L3 | -- | 100L2-4 | OK | PAGE 140 |
| 6.0 | 4322 | 1.49 | 232 | 7.5 | EP306L3 | -- | 100L2-4 | OK | PAGE 120 |
| 6.3 | 3975 | 1.21 | 221 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 6.4 | 3936 | 2.12 | 219 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 6.6 | 3921 | 2.34 | 211 | 11.0 | EP307L3 | -- | 100L2-4 | OK | PAGE 130 |
| 6.7 | 3748 | 2.27 | 208 | 12.0 | -- | EP306R4 | 100L2-4 | OK | PAGE 120 |



EP300 series gear motor

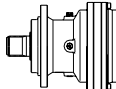
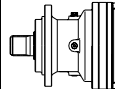
P1=3.0KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---------------------------------|---|--|
| 6.7 | 3867 | 1.11 | 208 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 6.9 | 3655 | 2.42 | 203 | 6.0 | EP306L4 | -- | 100L2-4 | OK | PAGE 120 |
| 8.0 | 3249 | 1.47 | 174 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 8.3 | 3142 | 2.93 | 169 | 11.0 | EP307L3 | -- | 100L2-4 | OK | PAGE 130 |
| 8.3 | 3032 | 2.73 | 168 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 8.3 | 3027 | 1.36 | 168 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 8.4 | 3108 | 2.02 | 167 | 7.5 | EP306L3 | -- | 100L2-4 | OK | PAGE 120 |
| 8.7 | 2887 | 2.88 | 160 | 12.0 | -- | EP306R4 | 100L2-4 | OK | PAGE 120 |
| 9.2 | 2820 | 3.46 | 151 | 11.0 | EP307L3 | -- | 100L2-4 | OK | PAGE 130 |
| 9.5 | 2643 | 0.88 | 147 | 12.0 | -- | EP303R4 | 100L2-4 | OK | PAGE 100 |
| 9.5 | 2643 | 1.52 | 147 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 9.8 | 2654 | 2.64 | 143 | 7.5 | EP306L3 | -- | 100L2-4 | OK | PAGE 120 |
| 10.0 | 2603 | 0.94 | 140 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 10.0 | 2603 | 1.82 | 140 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 10.8 | 2332 | 0.97 | 130 | 12.0 | -- | EP303R4 | 100L2-4 | OK | PAGE 100 |
| 10.8 | 2332 | 1.67 | 130 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 10.9 | 2309 | 3.33 | 128 | 14.0 | -- | EP307R4 | 100L2-4 | OK | PAGE 130 |
| 11.5 | 2199 | 3.42 | 122 | 12.0 | -- | EP306R4 | 100L2-4 | OK | PAGE 120 |
| 12.4 | 2036 | 1.09 | 113 | 12.0 | -- | EP303R4 | 100L2-4 | OK | PAGE 100 |
| 12.4 | 2036 | 1.85 | 113 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 12.9 | 2027 | 3.52 | 109 | 20.0 | -- | EP307R3 | 100L2-4 | OK | PAGE 130 |
| 13.0 | 2005 | 1.17 | 108 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 13.0 | 2005 | 2.05 | 108 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 13.8 | 1891 | 3.22 | 102 | 7.5 | EP306L3 | -- | 100L2-4 | OK | PAGE 120 |
| 13.9 | 1874 | 0.88 | 101 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 13.9 | 1874 | 1.55 | 101 | 14.0 | -- | EP305R3 | 100L2-4 | OK | PAGE 110 |
| 14.1 | 1846 | 2.64 | 99.1 | 14.0 | -- | EP306R3 | 100L2-4 | OK | PAGE 120 |
| 14.2 | 1776 | 1.21 | 98.6 | 12.0 | -- | EP303R4 | 100L2-4 | OK | PAGE 100 |
| 14.2 | 1776 | 2.12 | 98.6 | 12.0 | -- | EP305R4 | 100L2-4 | OK | PAGE 110 |
| 15.9 | 1635 | 0.88 | 87.8 | 7.5 | EP301L3 | -- | 100L2-4 | OK | PAGE 90 |
| 17.0 | 1531 | 1.08 | 82.2 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 17.0 | 1531 | 2.05 | 82.2 | 14.0 | -- | EP305R3 | 100L2-4 | OK | PAGE 110 |
| 17.1 | 1527 | 1.47 | 82.0 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 17.1 | 1527 | 2.64 | 82.0 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 17.6 | 1431 | 1.06 | 79.5 | 10.0 | -- | EP301R4 | 100L2-4 | OK | PAGE 90 |
| 19.0 | 1374 | 1.23 | 73.8 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 19.6 | 1333 | 1.61 | 71.6 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 19.6 | 1333 | 2.64 | 71.6 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 21.2 | 1231 | 1.11 | 66.1 | 7.5 | EP301L3 | -- | 100L2-4 | OK | PAGE 90 |
| 21.2 | 1227 | 1.32 | 65.9 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 21.2 | 1227 | 2.64 | 65.9 | 14.0 | -- | EP305R3 | 100L2-4 | OK | PAGE 110 |
| 21.3 | 1222 | 1.20 | 65.6 | 12.0 | -- | EP301R3 | 100L2-4 | OK | PAGE 90 |
| 22.2 | 1176 | 1.82 | 63.2 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 22.2 | 1176 | 2.64 | 63.2 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 22.8 | 1145 | 1.64 | 61.5 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 22.8 | 1145 | 2.93 | 61.5 | 14.0 | -- | EP305R3 | 100L2-4 | OK | PAGE 110 |
| 23.7 | 1101 | 1.41 | 59.1 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 23.7 | 1101 | 2.93 | 59.1 | 14.0 | -- | EP305R3 | 100L2-4 | OK | PAGE 110 |
| 25.4 | 1027 | 2.05 | 55.2 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 25.4 | 1027 | 2.93 | 55.2 | 7.5 | EP305L3 | -- | 100L2-4 | OK | PAGE 110 |
| 26.6 | 979 | 1.47 | 52.6 | 12.0 | -- | EP301R3 | 100L2-4 | OK | PAGE 90 |



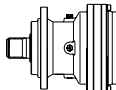
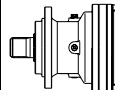
EP300 series gear motor

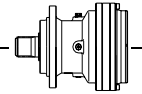
P1=3.0KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 27.0 | 966 | 1.99 | 51.9 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 27.0 | 997 | 1.02 | 51.8 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 27.1 | 962 | 2.70 | 51.7 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 27.5 | 948 | 1.44 | 50.9 | 7.5 | EP301L3 | -- | 100L2-4 | OK | PAGE 90 |
| 28.2 | 925 | 2.55 | 49.7 | 14.0 | -- | EP303R3 | 100L2-4 | OK | PAGE 100 |
| 28.5 | 944 | 1.70 | 49.1 | 9.0 | EP303L2 | -- | 100L2-4 | OK | PAGE 100 |
| 28.5 | 944 | 2.84 | 49.1 | 9.0 | EP305L2 | -- | 100L2-4 | OK | PAGE 110 |
| 29.1 | 896 | 2.34 | 48.1 | 7.5 | EP303L3 | -- | 100L2-4 | OK | PAGE 100 |
| 33.7 | 799 | 1.48 | 41.5 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 34.6 | 754 | 0.97 | 40.5 | 12.0 | -- | EP300R3 | 100L2-4 | OK | PAGE 80 |
| 34.6 | 754 | 1.85 | 40.5 | 12.0 | -- | EP301R3 | 100L2-4 | OK | PAGE 90 |
| 34.9 | 772 | 2.27 | 40.1 | 9.0 | EP303L2 | -- | 100L2-4 | OK | PAGE 100 |
| 36.1 | 722 | 1.03 | 38.8 | 7.5 | EP300L3 | -- | 100L2-4 | OK | PAGE 80 |
| 36.1 | 722 | 1.76 | 38.8 | 7.5 | EP301L3 | -- | 100L2-4 | OK | PAGE 90 |
| 43.6 | 618 | 2.84 | 32.1 | 9.0 | EP303L2 | -- | 100L2-4 | OK | PAGE 100 |
| 43.8 | 616 | 1.16 | 32.0 | 7.5 | EP300L2 | -- | 100L2-4 | OK | PAGE 80 |
| 43.8 | 616 | 2.13 | 32.0 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 45.4 | 574 | 1.23 | 30.8 | 12.0 | -- | EP300R3 | 100L2-4 | OK | PAGE 80 |
| 45.4 | 574 | 2.26 | 30.8 | 12.0 | -- | EP301R3 | 100L2-4 | OK | PAGE 90 |
| 46.7 | 577 | 3.26 | 30.0 | 9.0 | EP303L2 | -- | 100L2-4 | OK | PAGE 100 |
| 48.5 | 555 | 3.40 | 28.8 | 9.0 | EP303L2 | -- | 100L2-4 | OK | PAGE 100 |
| 54.6 | 493 | 1.42 | 25.6 | 7.5 | EP300L2 | -- | 100L2-4 | OK | PAGE 80 |
| 54.6 | 493 | 2.33 | 25.6 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 59.6 | 437 | 1.47 | 23.5 | 12.0 | -- | EP300R3 | 100L2-4 | OK | PAGE 80 |
| 59.6 | 437 | 2.34 | 23.5 | 12.0 | -- | EP301R3 | 100L2-4 | OK | PAGE 90 |
| 70.9 | 380 | 1.76 | 19.8 | 7.5 | EP300L2 | -- | 100L2-4 | OK | PAGE 80 |
| 70.9 | 380 | 2.84 | 19.8 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 93.1 | 289 | 2.13 | 15.0 | 7.5 | EP300L2 | -- | 100L2-4 | OK | PAGE 80 |
| 93.1 | 289 | 3.40 | 15.0 | 7.5 | EP301L2 | -- | 100L2-4 | OK | PAGE 90 |
| 94.9 | 284 | 1.42 | 14.8 | 12.0 | -- | EP300R2 | 100L2-4 | OK | PAGE 80 |
| 94.9 | 284 | 3.12 | 14.8 | 12.0 | -- | EP301R2 | 100L2-4 | OK | PAGE 90 |
| 118 | 227 | 2.13 | 11.8 | 12.0 | -- | EP300R2 | 100L2-4 | OK | PAGE 80 |
| 122 | 220 | 2.55 | 11.5 | 7.5 | EP300L2 | -- | 100L2-4 | OK | PAGE 80 |
| 194 | 143 | 3.02 | 7.2 | 7.5 | EP300L1 | -- | 100L2-4 | OK | PAGE 80 |
| 194 | 143 | 3.02 | 7.2 | 7.5 | EP300L1 | -- | 100L2-4 | OK | PAGE 80 |

EP300 series gear motor

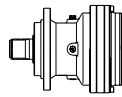
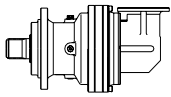
P1=4.0KW n1=1400 min⁻¹

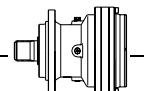
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.7 | 49312 | 1.59 | 2054 | 18.0 | EP315L4 | -- | 112M-4 | OK | PAGE 180 |
| 0.75 | 44627 | 1.02 | 1859 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 0.8 | 41550 | 2.05 | 1731 | 18.0 | EP315L4 | -- | 112M-4 | OK | PAGE 180 |
| 0.87 | 38554 | 0.98 | 1606 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 0.89 | 37636 | 1.30 | 1568 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 1.0 | 33902 | 2.39 | 1412 | 18.0 | EP315L4 | -- | 112M-4 | OK | PAGE 180 |



EP300 series gear motor

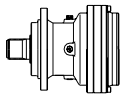
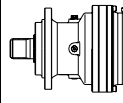
P1=4.0KW n1=1400 min⁻¹

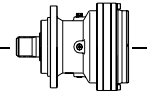
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---------------------------------|---|--|
| 1.0 | 33364 | 3.52 | 1390 | 18.0 | EP316L4 | -- | 112M-4 | OK | PAGE 190 |
| 1.0 | 32486 | 1.14 | 1353 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 1.1 | 31712 | 1.52 | 1321 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 1.1 | 29506 | 2.39 | 1229 | 18.0 | EP315L4 | -- | 112M-4 | OK | PAGE 180 |
| 1.2 | 27861 | 0.86 | 1160 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 1.3 | 26545 | 1.36 | 1106 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 1.3 | 25913 | 1.82 | 1079 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 1.4 | 24862 | 3.18 | 1036 | 18.0 | EP315L4 | -- | 112M-4 | OK | PAGE 180 |
| 1.5 | 22325 | 1.00 | 930 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 1.6 | 21270 | 1.66 | 886 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 1.6 | 20764 | 2.05 | 865 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 1.7 | 20280 | 0.98 | 845 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 1.7 | 20035 | 1.09 | 834 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 1.8 | 19089 | 1.82 | 795 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 1.8 | 18634 | 2.27 | 776 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 1.8 | 18430 | 1.02 | 768 | 7.5 | EP309L4 | -- | 112M-4 | OK | PAGE 140 |
| 2.0 | 17110 | 1.27 | 713 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 2.0 | 16547 | 1.14 | 689 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 2.1 | 15998 | 2.16 | 666 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 2.1 | 15883 | 2.50 | 662 | 22.0 | -- | EP313R4 | 112M-4 | OK | PAGE 170 |
| 2.2 | 15617 | 2.84 | 650 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 2.2 | 15055 | 0.91 | 627 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 2.3 | 14511 | 1.48 | 604 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 2.4 | 14198 | 1.25 | 591 | 7.5 | EP309L4 | -- | 112M-4 | OK | PAGE 140 |
| 2.5 | 13522 | 1.36 | 563 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 2.5 | 13439 | 2.55 | 560 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 2.5 | 13395 | 3.41 | 558 | 22.0 | -- | EP313R4 | 112M-4 | OK | PAGE 170 |
| 2.6 | 13119 | 3.41 | 546 | 11.0 | EP313L4 | -- | 112M-4 | OK | PAGE 170 |
| 2.6 | 13028 | 2.16 | 543 | 22.0 | -- | EP311R4 | 112M-4 | OK | PAGE 160 |
| 2.6 | 12685 | 1.02 | 528 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 2.8 | 12189 | 1.93 | 508 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 2.8 | 12135 | 1.75 | 505 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 3.0 | 11377 | 0.91 | 474 | 7.5 | EP307L4 | -- | 112M-4 | OK | PAGE 130 |
| 3.0 | 11377 | 1.48 | 474 | 7.5 | EP309L4 | -- | 112M-4 | OK | PAGE 140 |
| 3.1 | 10977 | 3.02 | 457 | 22.0 | -- | EP311R4 | 112M-4 | OK | PAGE 160 |
| 3.1 | 10835 | 0.86 | 451 | 6.0 | EP306L4 | -- | 112M-4 | OK | PAGE 120 |
| 3.2 | 10472 | 3.18 | 436 | 11.0 | EP311L4 | -- | 112M-4 | OK | PAGE 160 |
| 3.2 | 10365 | 0.91 | 432 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 3.2 | 10365 | 1.59 | 432 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 3.3 | 10239 | 2.16 | 426 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 3.4 | 9916 | 2.11 | 413 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 3.6 | 9249 | 3.52 | 385 | 22.0 | -- | EP311R4 | 112M-4 | OK | PAGE 160 |
| 3.8 | 8899 | 2.32 | 371 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 3.8 | 8764 | 1.14 | 365 | 7.5 | EP307L4 | -- | 112M-4 | OK | PAGE 130 |
| 3.8 | 8764 | 1.82 | 365 | 7.5 | EP309L4 | -- | 112M-4 | OK | PAGE 140 |
| 4.0 | 8306 | 1.14 | 346 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 4.0 | 8306 | 1.82 | 346 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 4.1 | 8251 | 1.11 | 344 | 6.0 | EP306L4 | -- | 112M-4 | OK | PAGE 120 |
| 4.2 | 8184 | 2.09 | 330 | 18.0 | EP310L3 | -- | 112M-4 | OK | PAGE 150 |
| 4.3 | 7888 | 2.73 | 329 | 11.0 | EP310L4 | -- | 112M-4 | OK | PAGE 150 |
| 4.4 | 7600 | 2.61 | 317 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |



EP300 series gear motor

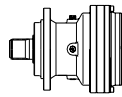
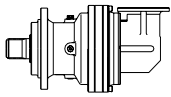
P1=4.0KW n1=1400 min⁻¹

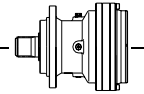
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 4.5 | 7454 | 1.25 | 310 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 4.5 | 7454 | 2.05 | 310 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 4.6 | 7594 | 1.10 | 306 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 4.8 | 7015 | 1.09 | 292 | 12.0 | -- | EP306R4 | 112M-4 | OK | PAGE 120 |
| 4.9 | 7052 | 0.92 | 284 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 5.0 | 6674 | 1.36 | 278 | 7.5 | EP307L4 | -- | 112M-4 | OK | PAGE 130 |
| 5.0 | 6674 | 2.27 | 278 | 7.5 | EP309L4 | -- | 112M-4 | OK | PAGE 140 |
| 5.2 | 6678 | 2.53 | 269 | 18.0 | EP310L3 | -- | 112M-4 | OK | PAGE 150 |
| 5.2 | 6445 | 2.95 | 268 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 5.3 | 6572 | 3.52 | 265 | 18.0 | EP311L3 | -- | 112M-4 | OK | PAGE 160 |
| 5.3 | 6326 | 1.41 | 263 | 6.0 | EP306L4 | -- | 112M-4 | OK | PAGE 120 |
| 5.4 | 6247 | 1.36 | 260 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 5.4 | 6247 | 2.39 | 260 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 5.4 | 6399 | 1.54 | 258 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 5.4 | 6399 | 1.76 | 258 | 11.0 | EP309L3 | -- | 112M-4 | OK | PAGE 140 |
| 6.0 | 5762 | 1.12 | 232 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 6.2 | 5414 | 3.41 | 226 | 14.0 | -- | EP310R4 | 112M-4 | OK | PAGE 150 |
| 6.3 | 5300 | 0.91 | 221 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 6.4 | 5457 | 3.08 | 220 | 18.0 | EP310L3 | -- | 112M-4 | OK | PAGE 150 |
| 6.4 | 5247 | 1.59 | 219 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 6.4 | 5247 | 2.73 | 219 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 6.6 | 5229 | 1.76 | 211 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 6.6 | 5229 | 2.86 | 211 | 11.0 | EP309L3 | -- | 112M-4 | OK | PAGE 140 |
| 6.7 | 4998 | 1.70 | 208 | 12.0 | -- | EP306R4 | 112M-4 | OK | PAGE 120 |
| 6.9 | 4873 | 1.82 | 203 | 6.0 | EP306L4 | -- | 112M-4 | OK | PAGE 120 |
| 8.0 | 4331 | 1.10 | 174 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 8.3 | 4190 | 2.20 | 169 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 8.3 | 4190 | 3.52 | 169 | 11.0 | EP309L3 | -- | 112M-4 | OK | PAGE 140 |
| 8.3 | 4042 | 2.05 | 168 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 8.3 | 4042 | 3.41 | 168 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 8.3 | 4036 | 1.02 | 168 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 8.4 | 4144 | 1.52 | 167 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 8.7 | 3850 | 2.16 | 160 | 12.0 | -- | EP306R4 | 112M-4 | OK | PAGE 120 |
| 9.2 | 3760 | 2.59 | 151 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 9.5 | 3524 | 1.14 | 147 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 9.8 | 3539 | 1.98 | 143 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 10.0 | 3471 | 1.36 | 140 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 10.8 | 3110 | 1.25 | 130 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 10.9 | 3078 | 2.50 | 128 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 10.9 | 3078 | 3.52 | 128 | 14.0 | -- | EP309R4 | 112M-4 | OK | PAGE 140 |
| 11.0 | 3151 | 3.08 | 127 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 11.5 | 2932 | 2.57 | 122 | 12.0 | -- | EP306R4 | 112M-4 | OK | PAGE 120 |
| 12.4 | 2715 | 1.39 | 113 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 12.5 | 2688 | 2.73 | 112 | 14.0 | -- | EP307R4 | 112M-4 | OK | PAGE 130 |
| 12.9 | 2703 | 2.64 | 109 | 20.0 | -- | EP307R3 | 112M-4 | OK | PAGE 130 |
| 12.9 | 2703 | 3.52 | 109 | 20.0 | -- | EP309R3 | 112M-4 | OK | PAGE 140 |
| 13.0 | 2674 | 0.88 | 108 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 13.0 | 2674 | 1.54 | 108 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 13.1 | 2647 | 3.52 | 107 | 11.0 | EP307L3 | -- | 112M-4 | OK | PAGE 130 |
| 13.8 | 2521 | 2.42 | 102 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 13.9 | 2499 | 1.16 | 101 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |



EP300 series gear motor

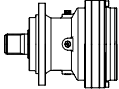
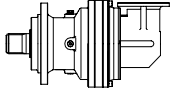
P1=4.0KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|---------------------------------|---|--|
| 14.1 | 2461 | 1.98 | 99.1 | 14.0 | -- | EP306R3 | 112M-4 | OK | PAGE 120 |
| 14.2 | 2368 | 0.91 | 98.6 | 12.0 | -- | EP303R4 | 112M-4 | OK | PAGE 100 |
| 14.2 | 2368 | 1.59 | 98.6 | 12.0 | -- | EP305R4 | 112M-4 | OK | PAGE 110 |
| 15.0 | 2248 | 3.18 | 93.6 | 12.0 | -- | EP306R4 | 112M-4 | OK | PAGE 120 |
| 15.3 | 2277 | 3.30 | 91.7 | 20.0 | -- | EP307R3 | 112M-4 | OK | PAGE 130 |
| 17.0 | 2042 | 1.54 | 82.2 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 17.1 | 2036 | 1.10 | 82.0 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 17.1 | 2036 | 1.98 | 82.0 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 17.3 | 2008 | 2.86 | 80.9 | 14.0 | -- | EP306R3 | 112M-4 | OK | PAGE 120 |
| 17.9 | 1942 | 2.86 | 78.2 | 7.5 | EP306L3 | -- | 112M-4 | OK | PAGE 120 |
| 19.0 | 1832 | 0.92 | 73.8 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 19.6 | 1778 | 1.21 | 71.6 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 19.6 | 1778 | 1.98 | 71.6 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 21.2 | 1641 | 3.30 | 66.1 | 14.0 | -- | EP306R3 | 112M-4 | OK | PAGE 120 |
| 21.2 | 1636 | 0.99 | 65.9 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 21.2 | 1636 | 1.98 | 65.9 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 21.3 | 1629 | 0.90 | 65.6 | 12.0 | -- | EP301R3 | 112M-4 | OK | PAGE 90 |
| 22.2 | 1569 | 1.36 | 63.2 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 22.2 | 1569 | 1.98 | 63.2 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 22.8 | 1527 | 1.23 | 61.5 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 22.8 | 1527 | 2.20 | 61.5 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 23.7 | 1468 | 1.05 | 59.1 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 23.7 | 1468 | 2.20 | 59.1 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 25.4 | 1369 | 1.54 | 55.2 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 25.4 | 1369 | 2.20 | 55.2 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 26.6 | 1305 | 1.10 | 52.6 | 12.0 | -- | EP301R3 | 112M-4 | OK | PAGE 90 |
| 27.0 | 1288 | 1.49 | 51.9 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 27.1 | 1283 | 2.02 | 51.7 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 27.1 | 1283 | 2.64 | 51.7 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 27.5 | 1264 | 1.08 | 50.9 | 7.5 | EP301L3 | -- | 112M-4 | OK | PAGE 90 |
| 28.2 | 1233 | 1.91 | 49.7 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 28.2 | 1233 | 2.64 | 49.7 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 28.5 | 1259 | 1.28 | 49.1 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 28.5 | 1259 | 2.13 | 49.1 | 9.0 | EP305L2 | -- | 112M-4 | OK | PAGE 110 |
| 29.0 | 1240 | 3.40 | 48.3 | 13.0 | EP306L2 | -- | 112M-4 | OK | PAGE 120 |
| 29.1 | 1195 | 1.76 | 48.1 | 7.5 | EP303L3 | -- | 112M-4 | OK | PAGE 100 |
| 29.1 | 1195 | 2.64 | 48.1 | 7.5 | EP305L3 | -- | 112M-4 | OK | PAGE 110 |
| 33.7 | 1065 | 1.11 | 41.5 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 34.6 | 1005 | 1.38 | 40.5 | 12.0 | -- | EP301R3 | 112M-4 | OK | PAGE 90 |
| 34.9 | 1029 | 1.70 | 40.1 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 34.9 | 1029 | 3.19 | 40.1 | 9.0 | EP305L2 | -- | 112M-4 | OK | PAGE 110 |
| 36.1 | 963 | 1.32 | 38.8 | 7.5 | EP301L3 | -- | 112M-4 | OK | PAGE 90 |
| 36.6 | 950 | 2.73 | 38.3 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 36.6 | 950 | 3.08 | 38.3 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 43.6 | 824 | 2.13 | 32.1 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 43.8 | 821 | 0.87 | 32.0 | 7.5 | EP300L2 | -- | 112M-4 | OK | PAGE 80 |
| 43.8 | 821 | 1.60 | 32.0 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 45.4 | 766 | 0.92 | 30.8 | 12.0 | -- | EP300R3 | 112M-4 | OK | PAGE 80 |
| 45.4 | 766 | 1.69 | 30.8 | 12.0 | -- | EP301R3 | 112M-4 | OK | PAGE 90 |
| 46.7 | 769 | 2.45 | 30.0 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 48.0 | 724 | 3.30 | 29.1 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |



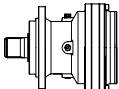
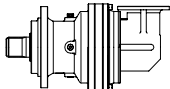
EP300 series gear motor

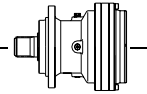
P1=4.0KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 48.0 | 724 | 3.36 | 29.1 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 54.6 | 658 | 1.06 | 25.6 | 7.5 | EP300L2 | -- | 112M-4 | OK | PAGE 80 |
| 54.6 | 658 | 1.74 | 25.6 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 55.0 | 632 | 2.86 | 25.4 | 14.0 | -- | EP305R3 | 112M-4 | OK | PAGE 110 |
| 55.0 | 632 | 3.14 | 25.4 | 14.0 | -- | EP303R3 | 112M-4 | OK | PAGE 100 |
| 55.6 | 646 | 2.77 | 25.2 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 57.8 | 621 | 2.77 | 24.2 | 9.0 | EP303L2 | -- | 112M-4 | OK | PAGE 100 |
| 59.6 | 583 | 1.10 | 23.5 | 12.0 | -- | EP300R3 | 112M-4 | OK | PAGE 80 |
| 59.6 | 583 | 1.76 | 23.5 | 12.0 | -- | EP301R3 | 112M-4 | OK | PAGE 90 |
| 70.9 | 507 | 1.32 | 19.8 | 7.5 | EP300L2 | -- | 112M-4 | OK | PAGE 80 |
| 70.9 | 507 | 2.13 | 19.8 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 80.1 | 448 | 3.04 | 17.5 | 18.0 | -- | EP303R2 | 112M-4 | OK | PAGE 100 |
| 80.1 | 448 | 3.04 | 17.5 | 18.0 | -- | EP305R2 | 112M-4 | OK | PAGE 110 |
| 93.1 | 386 | 1.60 | 15.0 | 7.5 | EP300L2 | -- | 112M-4 | OK | PAGE 80 |
| 93.1 | 386 | 2.55 | 15.0 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 94.9 | 379 | 1.06 | 14.8 | 12.0 | -- | EP300R2 | 112M-4 | OK | PAGE 80 |
| 94.9 | 379 | 2.34 | 14.8 | 12.0 | -- | EP301R2 | 112M-4 | OK | PAGE 90 |
| 118 | 303 | 1.60 | 11.8 | 12.0 | -- | EP300R2 | 112M-4 | OK | PAGE 80 |
| 118 | 303 | 2.98 | 11.8 | 12.0 | -- | EP301R2 | 112M-4 | OK | PAGE 90 |
| 122 | 294 | 1.91 | 11.5 | 7.5 | EP300L2 | -- | 112M-4 | OK | PAGE 80 |
| 122 | 294 | 3.19 | 11.5 | 7.5 | EP301L2 | -- | 112M-4 | OK | PAGE 90 |
| 154 | 234 | 3.19 | 9.1 | 12.0 | -- | EP300R2 | 112M-4 | OK | PAGE 80 |
| 154 | 234 | 3.19 | 9.1 | 12.0 | -- | EP301R2 | 112M-4 | OK | PAGE 90 |
| 194 | 191 | 2.27 | 7.2 | 7.5 | EP300L1 | -- | 112M-4 | OK | PAGE 80 |
| 194 | 191 | 2.27 | 7.2 | 7.5 | EP300L1 | -- | 112M-4 | OK | PAGE 80 |
| 202 | 178 | 3.19 | 6.9 | 12.0 | -- | EP300R2 | 112M-4 | OK | PAGE 80 |
| 202 | 178 | 3.19 | 6.9 | 12.0 | -- | EP301R2 | 112M-4 | OK | PAGE 90 |
| 243 | 153 | 3.09 | 5.8 | 7.5 | EP300L1 | -- | 112M-4 | OK | PAGE 80 |

EP300 series gear motor

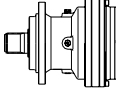
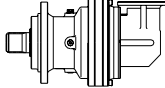
P1=5.5KW **n1=1400 min⁻¹**

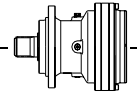
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.7 | 67804 | 1.16 | 2054 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |
| 0.8 | 57131 | 1.49 | 1731 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |
| 0.89 | 51750 | 0.94 | 1568 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 1.0 | 46615 | 1.74 | 1412 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |
| 1.0 | 45876 | 2.56 | 1390 | 18.0 | EP316L4 | -- | 132S-4 | OK | PAGE 190 |
| 1.1 | 43604 | 1.11 | 1321 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 1.1 | 40571 | 1.74 | 1229 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |
| 1.2 | 38655 | 2.98 | 1171 | 18.0 | EP316L4 | -- | 132S-4 | OK | PAGE 190 |
| 1.3 | 36500 | 0.99 | 1106 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 1.3 | 35631 | 1.32 | 1079 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 1.4 | 34185 | 2.31 | 1036 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |
| 1.6 | 29247 | 1.21 | 886 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 1.6 | 28650 | 2.89 | 868 | 18.0 | EP315L4 | -- | 132S-4 | OK | PAGE 180 |



EP300 series gear motor

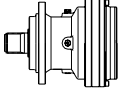
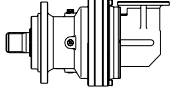
P1=5.5KW n1=1400 min⁻¹

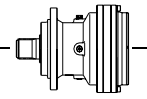
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.6 | 28550 | 1.49 | 865 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 1.8 | 26247 | 1.32 | 795 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 1.8 | 25622 | 1.65 | 776 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 1.8 | 25483 | 2.64 | 772 | 40.0 | -- | EP315R4 | 132S-4 | OK | PAGE 180 |
| 2.0 | 23527 | 0.93 | 713 | 11.0 | EP310L4 | -- | 132S-4 | OK | PAGE 150 |
| 2.1 | 21998 | 1.57 | 666 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 2.1 | 21839 | 1.82 | 662 | 22.0 | -- | EP313R4 | 132S-4 | OK | PAGE 170 |
| 2.2 | 21474 | 2.07 | 650 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 2.2 | 21472 | 3.47 | 650 | 40.0 | -- | EP315R4 | 132S-4 | OK | PAGE 180 |
| 2.3 | 19952 | 1.07 | 604 | 11.0 | EP310L4 | -- | 132S-4 | OK | PAGE 150 |
| 2.4 | 19522 | 0.91 | 591 | 7.5 | EP309L4 | -- | 132S-4 | OK | PAGE 140 |
| 2.5 | 18592 | 0.99 | 563 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 2.5 | 18478 | 1.85 | 560 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 2.5 | 18418 | 2.48 | 558 | 22.0 | -- | EP313R4 | 132S-4 | OK | PAGE 170 |
| 2.6 | 18038 | 2.48 | 546 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 2.6 | 17914 | 1.57 | 543 | 22.0 | -- | EP311R4 | 132S-4 | OK | PAGE 160 |
| 2.8 | 16760 | 1.40 | 508 | 11.0 | EP310L4 | -- | 132S-4 | OK | PAGE 150 |
| 2.8 | 16685 | 1.27 | 505 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 3.0 | 15643 | 1.07 | 474 | 7.5 | EP309L4 | -- | 132S-4 | OK | PAGE 140 |
| 3.0 | 15519 | 2.89 | 470 | 22.0 | -- | EP313R4 | 132S-4 | OK | PAGE 170 |
| 3.1 | 15094 | 2.20 | 457 | 22.0 | -- | EP311R4 | 132S-4 | OK | PAGE 160 |
| 3.2 | 14398 | 2.31 | 436 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 3.2 | 14252 | 1.16 | 432 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 3.3 | 14078 | 1.57 | 426 | 11.0 | EP310L4 | -- | 132S-4 | OK | PAGE 150 |
| 3.3 | 14078 | 3.64 | 426 | 11.0 | EP313L4 | -- | 132S-4 | OK | PAGE 170 |
| 3.4 | 13634 | 1.54 | 413 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 3.6 | 12718 | 2.56 | 385 | 22.0 | -- | EP311R4 | 132S-4 | OK | PAGE 160 |
| 3.6 | 12681 | 3.47 | 384 | 22.0 | -- | EP313R4 | 132S-4 | OK | PAGE 170 |
| 3.8 | 12236 | 1.69 | 371 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 3.8 | 12051 | 1.32 | 365 | 7.5 | EP309L4 | -- | 132S-4 | OK | PAGE 140 |
| 4.0 | 11420 | 1.32 | 346 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 4.2 | 11092 | 2.98 | 336 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 4.2 | 11253 | 1.52 | 330 | 18.0 | EP310L3 | -- | 132S-4 | OK | PAGE 150 |
| 4.3 | 10846 | 1.98 | 329 | 11.0 | EP310L4 | -- | 132S-4 | OK | PAGE 150 |
| 4.4 | 10450 | 1.90 | 317 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 4.4 | 10392 | 3.07 | 315 | 22.0 | -- | EP311R4 | 132S-4 | OK | PAGE 160 |
| 4.5 | 10249 | 0.91 | 310 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 4.5 | 10249 | 1.49 | 310 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 4.9 | 9464 | 3.47 | 287 | 11.0 | EP311L4 | -- | 132S-4 | OK | PAGE 160 |
| 5.0 | 9326 | 3.39 | 283 | 22.0 | -- | EP311R4 | 132S-4 | OK | PAGE 160 |
| 5.0 | 9177 | 0.99 | 278 | 7.5 | EP307L4 | -- | 132S-4 | OK | PAGE 130 |
| 5.0 | 9177 | 1.65 | 278 | 7.5 | EP309L4 | -- | 132S-4 | OK | PAGE 140 |
| 5.2 | 9182 | 1.84 | 269 | 18.0 | EP310L3 | -- | 132S-4 | OK | PAGE 150 |
| 5.2 | 8862 | 2.15 | 268 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 5.3 | 9036 | 2.56 | 265 | 18.0 | EP311L3 | -- | 132S-4 | OK | PAGE 160 |
| 5.3 | 8698 | 1.02 | 263 | 6.0 | EP306L4 | -- | 132S-4 | OK | PAGE 120 |
| 5.4 | 8590 | 0.99 | 260 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 5.4 | 8590 | 1.74 | 260 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 5.4 | 8798 | 1.12 | 258 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 5.4 | 8798 | 1.28 | 258 | 11.0 | EP309L3 | -- | 132S-4 | OK | PAGE 140 |
| 6.2 | 7444 | 2.48 | 226 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |



EP300 series gear motor

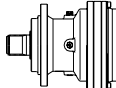
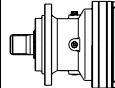
P1=5.5KW n1=1400 min⁻¹

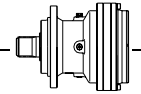
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 6.3 | 7614 | 3.52 | 223 | 18.0 | EP311L3 | -- | 132S-4 | OK | PAGE 160 |
| 6.4 | 7503 | 2.24 | 220 | 18.0 | EP310L3 | -- | 132S-4 | OK | PAGE 150 |
| 6.4 | 7215 | 1.16 | 219 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 6.4 | 7215 | 1.98 | 219 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 6.6 | 7189 | 1.28 | 211 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 6.6 | 7189 | 2.08 | 211 | 11.0 | EP309L3 | -- | 132S-4 | OK | PAGE 140 |
| 6.7 | 6872 | 1.24 | 208 | 12.0 | -- | EP306R4 | 132S-4 | OK | PAGE 120 |
| 6.9 | 6701 | 1.32 | 203 | 6.0 | EP306L4 | -- | 132S-4 | OK | PAGE 120 |
| 7.1 | 6733 | 3.04 | 197 | 18.0 | EP310L3 | -- | 132S-4 | OK | PAGE 150 |
| 7.4 | 6253 | 2.81 | 189 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 8.3 | 5761 | 1.60 | 169 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 8.3 | 5761 | 2.56 | 169 | 11.0 | EP309L3 | -- | 132S-4 | OK | PAGE 140 |
| 8.3 | 5558 | 1.49 | 168 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 8.3 | 5558 | 2.48 | 168 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 8.4 | 5697 | 1.10 | 167 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 8.7 | 5502 | 3.52 | 161 | 18.0 | EP310L3 | -- | 132S-4 | OK | PAGE 150 |
| 8.7 | 5294 | 1.57 | 160 | 12.0 | -- | EP306R4 | 132S-4 | OK | PAGE 120 |
| 9.2 | 5170 | 1.89 | 151 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 9.2 | 5170 | 2.72 | 151 | 11.0 | EP309L3 | -- | 132S-4 | OK | PAGE 140 |
| 9.6 | 4794 | 3.47 | 145 | 14.0 | -- | EP310R4 | 132S-4 | OK | PAGE 150 |
| 9.8 | 4866 | 1.44 | 143 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 10.0 | 4772 | 0.99 | 140 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 10.9 | 4233 | 1.82 | 128 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 10.9 | 4233 | 2.56 | 128 | 14.0 | -- | EP309R4 | 132S-4 | OK | PAGE 140 |
| 11.0 | 4333 | 2.24 | 127 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 11.0 | 4333 | 3.20 | 127 | 11.0 | EP309L3 | -- | 132S-4 | OK | PAGE 140 |
| 11.3 | 4229 | 3.20 | 124 | 20.0 | -- | EP310R3 | 132S-4 | OK | PAGE 150 |
| 11.5 | 4031 | 1.87 | 122 | 12.0 | -- | EP306R4 | 132S-4 | OK | PAGE 120 |
| 12.4 | 3733 | 1.01 | 113 | 12.0 | -- | EP305R4 | 132S-4 | OK | PAGE 110 |
| 12.5 | 3695 | 1.98 | 112 | 14.0 | -- | EP307R4 | 132S-4 | OK | PAGE 130 |
| 12.9 | 3716 | 1.92 | 109 | 20.0 | -- | EP307R3 | 132S-4 | OK | PAGE 130 |
| 12.9 | 3716 | 2.56 | 109 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 13.0 | 3676 | 1.12 | 108 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 13.1 | 3640 | 2.56 | 107 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 13.8 | 3466 | 1.76 | 102 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 13.9 | 3435 | 0.85 | 101 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 14.1 | 3383 | 1.44 | 99.1 | 14.0 | -- | EP306R3 | 132S-4 | OK | PAGE 120 |
| 14.2 | 3256 | 1.16 | 98.6 | 12.0 | -- | EP305R4 | 132S-4 | OK | PAGE 110 |
| 15.0 | 3091 | 2.31 | 93.6 | 12.0 | -- | EP306R4 | 132S-4 | OK | PAGE 120 |
| 15.3 | 3131 | 2.40 | 91.7 | 20.0 | -- | EP307R3 | 132S-4 | OK | PAGE 130 |
| 15.3 | 3131 | 2.88 | 91.7 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 17.0 | 2807 | 1.12 | 82.2 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 17.0 | 2804 | 3.20 | 82.1 | 11.0 | EP307L3 | -- | 132S-4 | OK | PAGE 130 |
| 17.1 | 2800 | 1.44 | 82.0 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 17.3 | 2761 | 2.08 | 80.9 | 14.0 | -- | EP306R3 | 132S-4 | OK | PAGE 120 |
| 17.9 | 2670 | 2.08 | 78.2 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 18.7 | 2559 | 2.88 | 75.0 | 20.0 | -- | EP307R3 | 132S-4 | OK | PAGE 130 |
| 18.7 | 2559 | 3.20 | 75.0 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 19.6 | 2444 | 0.88 | 71.6 | 7.5 | EP303L3 | -- | 132S-4 | OK | PAGE 100 |
| 19.6 | 2444 | 1.44 | 71.6 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 20.8 | 2296 | 3.20 | 67.3 | 20.0 | -- | EP307R3 | 132S-4 | OK | PAGE 130 |



EP300 series gear motor

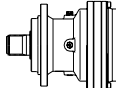
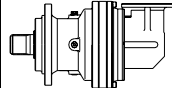
P1=5.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 20.8 | 2296 | 3.52 | 67.3 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 21.2 | 2256 | 2.40 | 66.1 | 14.0 | -- | EP306R3 | 132S-4 | OK | PAGE 120 |
| 21.2 | 2249 | 1.44 | 65.9 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 22.2 | 2157 | 0.99 | 63.2 | 7.5 | EP303L3 | -- | 132S-4 | OK | PAGE 100 |
| 22.2 | 2157 | 1.44 | 63.2 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 22.8 | 2099 | 0.90 | 61.5 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 22.8 | 2099 | 1.60 | 61.5 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 23.5 | 2034 | 2.64 | 59.6 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 23.6 | 2024 | 2.64 | 59.3 | 14.0 | -- | EP306R3 | 132S-4 | OK | PAGE 120 |
| 23.7 | 2019 | 1.60 | 59.1 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 24.8 | 1925 | 3.20 | 56.4 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 24.8 | 1925 | 3.52 | 56.4 | 20.0 | -- | EP307R3 | 132S-4 | OK | PAGE 130 |
| 25.4 | 1883 | 1.12 | 55.2 | 7.5 | EP303L3 | -- | 132S-4 | OK | PAGE 100 |
| 25.4 | 1883 | 1.60 | 55.2 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 27.0 | 1771 | 1.09 | 51.9 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 27.1 | 1764 | 1.47 | 51.7 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 27.1 | 1764 | 1.92 | 51.7 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 27.6 | 1729 | 3.04 | 50.6 | 14.0 | -- | EP306R3 | 132S-4 | OK | PAGE 120 |
| 28.2 | 1696 | 1.39 | 49.7 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 28.2 | 1696 | 1.92 | 49.7 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 28.5 | 1731 | 0.93 | 49.1 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 28.5 | 1731 | 1.55 | 49.1 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 29.0 | 1705 | 2.48 | 48.3 | 13.0 | EP306L2 | -- | 132S-4 | OK | PAGE 120 |
| 29.1 | 1642 | 1.28 | 48.1 | 7.5 | EP303L3 | -- | 132S-4 | OK | PAGE 100 |
| 29.1 | 1642 | 1.92 | 48.1 | 7.5 | EP305L3 | -- | 132S-4 | OK | PAGE 110 |
| 29.6 | 1617 | 3.20 | 47.4 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 30.7 | 1559 | 3.36 | 45.7 | 7.5 | EP306L3 | -- | 132S-4 | OK | PAGE 120 |
| 33.9 | 1411 | 3.52 | 41.3 | 20.0 | -- | EP309R3 | 132S-4 | OK | PAGE 140 |
| 34.6 | 1382 | 1.01 | 40.5 | 12.0 | -- | EP301R3 | 132S-4 | OK | PAGE 90 |
| 34.9 | 1415 | 1.24 | 40.1 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 34.9 | 1415 | 2.32 | 40.1 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 35.5 | 1391 | 3.40 | 39.4 | 13.0 | EP306L2 | -- | 132S-4 | OK | PAGE 120 |
| 36.1 | 1324 | 0.96 | 38.8 | 7.5 | EP301L3 | -- | 132S-4 | OK | PAGE 90 |
| 36.6 | 1306 | 1.98 | 38.3 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 36.6 | 1306 | 2.24 | 38.3 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 43.6 | 1133 | 1.55 | 32.1 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 43.6 | 1133 | 2.79 | 32.1 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 43.8 | 1128 | 1.16 | 32.0 | 7.5 | EP301L2 | -- | 132S-4 | OK | PAGE 90 |
| 45.4 | 1053 | 1.23 | 30.8 | 12.0 | -- | EP301R3 | 132S-4 | OK | PAGE 90 |
| 46.7 | 1058 | 1.78 | 30.0 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 46.7 | 1058 | 3.02 | 30.0 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 48.0 | 995 | 2.40 | 29.1 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 48.0 | 995 | 2.45 | 29.1 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 48.5 | 1017 | 1.86 | 28.8 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 48.5 | 1017 | 3.09 | 28.8 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 54.6 | 904 | 1.27 | 25.6 | 7.5 | EP301L2 | -- | 132S-4 | OK | PAGE 90 |
| 55.0 | 868 | 2.08 | 25.4 | 14.0 | -- | EP305R3 | 132S-4 | OK | PAGE 110 |
| 55.0 | 868 | 2.29 | 25.4 | 14.0 | -- | EP303R3 | 132S-4 | OK | PAGE 100 |
| 55.6 | 889 | 2.01 | 25.2 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 55.6 | 889 | 3.40 | 25.2 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 57.8 | 854 | 2.01 | 24.2 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |



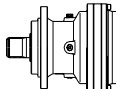
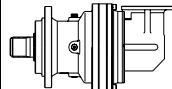
EP300 series gear motor

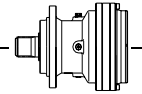
P1=5.5KW **n1=1400 min⁻¹**

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 57.8 | 854 | 3.40 | 24.2 | 9.0 | EP305L2 | -- | 132S-4 | OK | PAGE 110 |
| 59.6 | 802 | 1.28 | 23.5 | 12.0 | -- | EP301R3 | 132S-4 | OK | PAGE 90 |
| 70.9 | 697 | 0.96 | 19.8 | 7.5 | EP300L2 | -- | 132S-4 | OK | PAGE 80 |
| 70.9 | 697 | 1.55 | 19.8 | 7.5 | EP301L2 | -- | 132S-4 | OK | PAGE 90 |
| 75.0 | 658 | 2.63 | 18.7 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 80.1 | 616 | 2.21 | 17.5 | 18.0 | -- | EP303R2 | 132S-4 | OK | PAGE 100 |
| 80.1 | 616 | 2.21 | 17.5 | 18.0 | -- | EP305R2 | 132S-4 | OK | PAGE 110 |
| 93.1 | 530 | 1.16 | 15.0 | 7.5 | EP300L2 | -- | 132S-4 | OK | PAGE 80 |
| 93.1 | 530 | 1.86 | 15.0 | 7.5 | EP301L2 | -- | 132S-4 | OK | PAGE 90 |
| 94.9 | 520 | 1.70 | 14.8 | 12.0 | -- | EP301R2 | 132S-4 | OK | PAGE 90 |
| 98.1 | 503 | 2.92 | 14.3 | 18.0 | -- | EP303R2 | 132S-4 | OK | PAGE 100 |
| 98.1 | 503 | 2.92 | 14.3 | 18.0 | -- | EP305R2 | 132S-4 | OK | PAGE 110 |
| 98.5 | 501 | 3.40 | 14.2 | 9.0 | EP303L2 | -- | 132S-4 | OK | PAGE 100 |
| 118 | 417 | 1.16 | 11.8 | 12.0 | -- | EP300R2 | 132S-4 | OK | PAGE 80 |
| 118 | 417 | 2.17 | 11.8 | 12.0 | -- | EP301R2 | 132S-4 | OK | PAGE 90 |
| 122 | 404 | 1.39 | 11.5 | 7.5 | EP300L2 | -- | 132S-4 | OK | PAGE 80 |
| 122 | 404 | 2.32 | 11.5 | 7.5 | EP301L2 | -- | 132S-4 | OK | PAGE 90 |
| 154 | 321 | 2.32 | 9.1 | 12.0 | -- | EP300R2 | 132S-4 | OK | PAGE 80 |
| 154 | 321 | 2.32 | 9.1 | 12.0 | -- | EP301R2 | 132S-4 | OK | PAGE 90 |
| 194 | 262 | 1.65 | 7.2 | 7.5 | EP300L1 | -- | 132S-4 | OK | PAGE 80 |
| 194 | 262 | 1.65 | 7.2 | 7.5 | EP300L1 | -- | 132S-4 | OK | PAGE 80 |
| 194 | 262 | 2.70 | 7.2 | 7.5 | EP301L1 | -- | 132S-4 | OK | PAGE 90 |
| 202 | 245 | 2.32 | 6.9 | 12.0 | -- | EP300R2 | 132S-4 | OK | PAGE 80 |
| 202 | 245 | 2.32 | 6.9 | 12.0 | -- | EP301R2 | 132S-4 | OK | PAGE 90 |
| 243 | 210 | 2.25 | 5.8 | 7.5 | EP300L1 | -- | 132S-4 | OK | PAGE 80 |
| 315 | 162 | 3.00 | 4.4 | 7.5 | EP300L1 | -- | 132S-4 | OK | PAGE 80 |
| 414 | 123 | 3.00 | 3.4 | 7.5 | EP300L1 | -- | 132S-4 | OK | PAGE 80 |

EP300 series gear motor

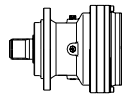
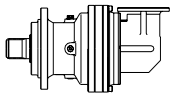
P1=7.5KW **n1=1400 min⁻¹**

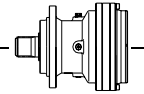
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 0.7 | 92460 | 0.85 | 2054 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 0.8 | 77906 | 1.09 | 1731 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 1.0 | 63566 | 1.27 | 1412 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 1.0 | 62558 | 1.88 | 1390 | 18.0 | EP316L4 | -- | 132M-4 | OK | PAGE 190 |
| 1.1 | 55324 | 1.27 | 1229 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 1.2 | 52711 | 2.18 | 1171 | 18.0 | EP316L4 | -- | 132M-4 | OK | PAGE 190 |
| 1.3 | 48588 | 0.97 | 1079 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 1.4 | 46615 | 1.70 | 1036 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 1.4 | 44177 | 2.67 | 981 | 18.0 | EP316L4 | -- | 132M-4 | OK | PAGE 190 |
| 1.6 | 39068 | 2.12 | 868 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 1.6 | 38932 | 1.09 | 865 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 1.7 | 37223 | 3.03 | 827 | 18.0 | EP316L4 | -- | 132M-4 | OK | PAGE 190 |
| 1.8 | 35792 | 0.97 | 795 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 1.8 | 34939 | 1.21 | 776 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 1.8 | 34750 | 1.94 | 772 | 40.0 | -- | EP315R4 | 132M-4 | OK | PAGE 180 |



EP300 series gear motor

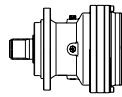
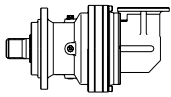
P1=7.5KW n1=1400 min⁻¹

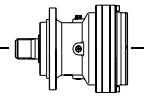
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.8 | 34735 | 3.39 | 772 | 45.0 | -- | EP316R4 | 132M-4 | OK | PAGE 190 |
| 2.1 | 30417 | 3.64 | 676 | 18.0 | EP316L4 | -- | 132M-4 | OK | PAGE 190 |
| 2.1 | 29997 | 1.15 | 666 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 2.1 | 29780 | 1.33 | 662 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 2.2 | 29283 | 1.52 | 650 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 2.2 | 29280 | 2.55 | 650 | 40.0 | -- | EP315R4 | 132M-4 | OK | PAGE 180 |
| 2.2 | 28650 | 2.79 | 636 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 2.5 | 25197 | 1.36 | 560 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 2.5 | 25115 | 1.82 | 558 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 2.6 | 24597 | 1.82 | 546 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 2.6 | 24468 | 3.15 | 544 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 2.6 | 24428 | 1.15 | 543 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 2.6 | 23890 | 2.79 | 531 | 40.0 | -- | EP315R4 | 132M-4 | OK | PAGE 180 |
| 2.8 | 22855 | 1.03 | 508 | 11.0 | EP310L4 | -- | 132M-4 | OK | PAGE 150 |
| 2.8 | 22753 | 0.93 | 505 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 3.0 | 21162 | 2.12 | 470 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 3.0 | 20792 | 3.15 | 462 | 40.0 | -- | EP315R4 | 132M-4 | OK | PAGE 180 |
| 3.0 | 20751 | 3.64 | 461 | 18.0 | EP315L4 | -- | 132M-4 | OK | PAGE 180 |
| 3.1 | 20582 | 1.61 | 457 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 3.2 | 19634 | 1.70 | 436 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 3.2 | 19435 | 0.85 | 432 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 3.3 | 19198 | 1.15 | 426 | 11.0 | EP310L4 | -- | 132M-4 | OK | PAGE 150 |
| 3.3 | 19198 | 2.67 | 426 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 3.4 | 18592 | 1.13 | 413 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 3.6 | 17343 | 1.88 | 385 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 3.6 | 17292 | 2.55 | 384 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 3.8 | 16685 | 1.24 | 371 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 3.8 | 16433 | 0.97 | 365 | 7.5 | EP309L4 | -- | 132M-4 | OK | PAGE 140 |
| 4.0 | 15573 | 0.97 | 346 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 4.1 | 15519 | 2.79 | 345 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 4.2 | 15126 | 2.18 | 336 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 4.2 | 15345 | 1.11 | 330 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 4.3 | 14789 | 1.45 | 329 | 11.0 | EP310L4 | -- | 132M-4 | OK | PAGE 150 |
| 4.3 | 14789 | 3.39 | 329 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 4.4 | 14250 | 1.39 | 317 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 4.4 | 14171 | 2.25 | 315 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 4.5 | 13976 | 1.09 | 310 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 4.8 | 13006 | 3.27 | 289 | 22.0 | -- | EP313R4 | 132M-4 | OK | PAGE 170 |
| 4.9 | 12905 | 2.55 | 287 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 5.0 | 12718 | 2.48 | 283 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 5.0 | 12598 | 3.64 | 280 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 5.0 | 12514 | 1.21 | 278 | 7.5 | EP309L4 | -- | 132M-4 | OK | PAGE 140 |
| 5.2 | 12521 | 1.35 | 269 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 5.2 | 12085 | 1.58 | 268 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 5.3 | 12322 | 1.88 | 265 | 18.0 | EP311L3 | -- | 132M-4 | OK | PAGE 160 |
| 5.4 | 11713 | 1.27 | 260 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 5.4 | 12018 | 3.63 | 258 | 18.0 | EP313L3 | -- | 132M-4 | OK | PAGE 170 |
| 5.4 | 11998 | 0.94 | 258 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 5.5 | 11519 | 2.79 | 256 | 11.0 | EP311L4 | -- | 132M-4 | OK | PAGE 160 |
| 5.6 | 11263 | 3.64 | 250 | 11.0 | EP313L4 | -- | 132M-4 | OK | PAGE 170 |
| 5.9 | 10659 | 2.79 | 237 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |



EP300 series gear motor

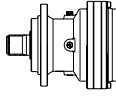
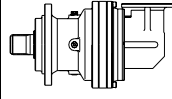
P1=7.5KW n1=1400 min⁻¹

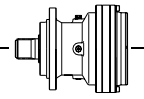
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 6.2 | 10151 | 1.82 | 226 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 6.3 | 10383 | 2.58 | 223 | 18.0 | EP311L3 | -- | 132M-4 | OK | PAGE 160 |
| 6.4 | 10231 | 1.64 | 220 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 6.4 | 9839 | 0.85 | 219 | 14.0 | -- | EP307R4 | 132M-4 | OK | PAGE 130 |
| 6.4 | 9839 | 1.45 | 219 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 6.6 | 9804 | 0.94 | 211 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 6.6 | 9804 | 1.52 | 211 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 6.7 | 9370 | 0.91 | 208 | 12.0 | -- | EP306R4 | 132M-4 | OK | PAGE 120 |
| 7.0 | 8953 | 3.15 | 199 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 7.1 | 9182 | 2.23 | 197 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 7.4 | 8527 | 2.06 | 189 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 7.4 | 8748 | 2.93 | 188 | 18.0 | EP311L3 | -- | 132M-4 | OK | PAGE 160 |
| 8.1 | 7816 | 3.52 | 174 | 22.0 | -- | EP311R4 | 132M-4 | OK | PAGE 160 |
| 8.3 | 7856 | 1.17 | 169 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 8.3 | 7856 | 1.88 | 169 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 8.3 | 7580 | 1.09 | 168 | 14.0 | -- | EP307R4 | 132M-4 | OK | PAGE 130 |
| 8.3 | 7580 | 1.82 | 168 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 8.7 | 7503 | 2.58 | 161 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 8.7 | 7219 | 1.15 | 160 | 12.0 | -- | EP306R4 | 132M-4 | OK | PAGE 120 |
| 9.1 | 7149 | 3.28 | 154 | 18.0 | EP311L3 | -- | 132M-4 | OK | PAGE 160 |
| 9.2 | 7050 | 1.38 | 151 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 9.2 | 7050 | 1.99 | 151 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 9.6 | 6537 | 2.55 | 145 | 14.0 | -- | EP310R4 | 132M-4 | OK | PAGE 150 |
| 9.7 | 6733 | 2.81 | 145 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 9.8 | 6635 | 1.05 | 143 | 7.5 | EP306L3 | -- | 132M-4 | OK | PAGE 120 |
| 10.2 | 6415 | 3.52 | 138 | 18.0 | EP311L3 | -- | 132M-4 | OK | PAGE 160 |
| 10.9 | 5772 | 1.33 | 128 | 14.0 | -- | EP307R4 | 132M-4 | OK | PAGE 130 |
| 10.9 | 5772 | 1.88 | 128 | 14.0 | -- | EP309R4 | 132M-4 | OK | PAGE 140 |
| 11.0 | 5908 | 1.64 | 127 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 11.0 | 5908 | 2.34 | 127 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 11.3 | 5767 | 2.34 | 124 | 20.0 | -- | EP310R3 | 132M-4 | OK | PAGE 150 |
| 11.3 | 5750 | 3.28 | 124 | 18.0 | EP310L3 | -- | 132M-4 | OK | PAGE 150 |
| 11.5 | 5497 | 1.37 | 122 | 12.0 | -- | EP306R4 | 132M-4 | OK | PAGE 120 |
| 12.5 | 5039 | 1.45 | 112 | 14.0 | -- | EP307R4 | 132M-4 | OK | PAGE 130 |
| 12.9 | 5068 | 1.41 | 109 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 12.9 | 5068 | 1.88 | 109 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 13.1 | 4963 | 1.88 | 107 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 13.1 | 4963 | 2.70 | 107 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 13.8 | 4727 | 1.29 | 102 | 7.5 | EP306L3 | -- | 132M-4 | OK | PAGE 120 |
| 13.8 | 4706 | 2.81 | 101 | 20.0 | -- | EP310R3 | 132M-4 | OK | PAGE 150 |
| 14.1 | 4614 | 1.05 | 99.1 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 15.0 | 4215 | 1.70 | 93.6 | 12.0 | -- | EP306R4 | 132M-4 | OK | PAGE 120 |
| 15.3 | 4270 | 1.76 | 91.7 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 15.3 | 4270 | 2.11 | 91.7 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 16.2 | 4019 | 3.16 | 86.3 | 20.0 | -- | EP310R3 | 132M-4 | OK | PAGE 150 |
| 17.0 | 3823 | 2.34 | 82.1 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 17.0 | 3823 | 3.28 | 82.1 | 11.0 | EP309L3 | -- | 132M-4 | OK | PAGE 140 |
| 17.1 | 3818 | 1.05 | 82.0 | 7.5 | EP305L3 | -- | 132M-4 | OK | PAGE 110 |
| 17.3 | 3765 | 1.52 | 80.9 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 17.9 | 3641 | 1.52 | 78.2 | 7.5 | EP306L3 | -- | 132M-4 | OK | PAGE 120 |
| 18.7 | 3489 | 2.11 | 75.0 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |



EP300 series gear motor

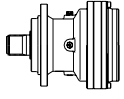
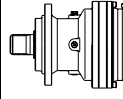
P1=7.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 18.7 | 3489 | 2.34 | 75.0 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 19.6 | 3333 | 1.05 | 71.6 | 7.5 | EP305L3 | -- | 132M-4 | OK | PAGE 110 |
| 20.8 | 3131 | 2.34 | 67.3 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 20.8 | 3131 | 2.58 | 67.3 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 21.2 | 3076 | 1.76 | 66.1 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 21.2 | 3067 | 1.05 | 65.9 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 22.2 | 2941 | 1.05 | 63.2 | 7.5 | EP305L3 | -- | 132M-4 | OK | PAGE 110 |
| 22.4 | 2912 | 2.93 | 62.5 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 22.8 | 2863 | 1.17 | 61.5 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 23.5 | 2773 | 1.93 | 59.6 | 7.5 | EP306L3 | -- | 132M-4 | OK | PAGE 120 |
| 23.6 | 2761 | 1.93 | 59.3 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 23.7 | 2753 | 1.17 | 59.1 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 24.8 | 2624 | 2.34 | 56.4 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 24.8 | 2624 | 2.58 | 56.4 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 25.4 | 2568 | 1.17 | 55.2 | 7.5 | EP305L3 | -- | 132M-4 | OK | PAGE 110 |
| 25.6 | 2542 | 3.28 | 54.6 | 11.0 | EP307L3 | -- | 132M-4 | OK | PAGE 130 |
| 27.1 | 2405 | 1.08 | 51.7 | 14.0 | -- | EP303R3 | 132M-4 | OK | PAGE 100 |
| 27.1 | 2405 | 1.41 | 51.7 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 27.6 | 2358 | 2.23 | 50.6 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 28.2 | 2312 | 1.02 | 49.7 | 14.0 | -- | EP303R3 | 132M-4 | OK | PAGE 100 |
| 28.2 | 2312 | 1.41 | 49.7 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 28.5 | 2361 | 1.13 | 49.1 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 29.0 | 2325 | 1.82 | 48.3 | 13.0 | EP306L2 | -- | 132M-4 | OK | PAGE 120 |
| 29.1 | 2240 | 0.94 | 48.1 | 7.5 | EP303L3 | -- | 132M-4 | OK | PAGE 100 |
| 29.1 | 2240 | 1.41 | 48.1 | 7.5 | EP305L3 | -- | 132M-4 | OK | PAGE 110 |
| 29.6 | 2204 | 2.34 | 47.4 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 29.6 | 2204 | 2.93 | 47.4 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 30.7 | 2126 | 2.46 | 45.7 | 7.5 | EP306L3 | -- | 132M-4 | OK | PAGE 120 |
| 32.6 | 1999 | 2.70 | 43.0 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 33.9 | 1925 | 2.58 | 41.3 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 33.9 | 1925 | 3.28 | 41.3 | 20.0 | -- | EP307R3 | 132M-4 | OK | PAGE 130 |
| 34.9 | 1929 | 0.91 | 40.1 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 34.9 | 1929 | 1.70 | 40.1 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 35.5 | 1897 | 2.50 | 39.4 | 13.0 | EP306L2 | -- | 132M-4 | OK | PAGE 120 |
| 36.6 | 1781 | 1.45 | 38.3 | 14.0 | -- | EP303R3 | 132M-4 | OK | PAGE 100 |
| 36.6 | 1781 | 1.64 | 38.3 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 38.8 | 1680 | 3.16 | 36.1 | 14.0 | -- | EP306R3 | 132M-4 | OK | PAGE 120 |
| 43.4 | 1550 | 2.72 | 32.2 | 13.0 | EP306L2 | -- | 132M-4 | OK | PAGE 120 |
| 43.5 | 1500 | 2.93 | 32.2 | 20.0 | -- | EP309R3 | 132M-4 | OK | PAGE 140 |
| 43.6 | 1546 | 1.13 | 32.1 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 43.6 | 1546 | 2.04 | 32.1 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 43.8 | 1539 | 0.85 | 32.0 | 7.5 | EP301L2 | -- | 132M-4 | OK | PAGE 90 |
| 45.4 | 1436 | 0.90 | 30.8 | 12.0 | -- | EP301R3 | 132M-4 | OK | PAGE 90 |
| 46.7 | 1443 | 1.30 | 30.0 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 46.7 | 1443 | 2.21 | 30.0 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 48.0 | 1357 | 1.76 | 29.1 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 48.0 | 1357 | 1.79 | 29.1 | 14.0 | -- | EP303R3 | 132M-4 | OK | PAGE 100 |
| 48.4 | 1391 | 2.95 | 28.9 | 13.0 | EP306L2 | -- | 132M-4 | OK | PAGE 120 |
| 48.5 | 1387 | 1.36 | 28.8 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 48.5 | 1387 | 2.27 | 28.8 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 54.6 | 1233 | 0.93 | 25.6 | 7.5 | EP301L2 | -- | 132M-4 | OK | PAGE 90 |



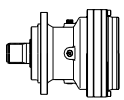
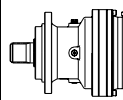
EP300 series gear motor

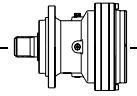
P1=7.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 55.0 | 1184 | 1.52 | 25.4 | 14.0 | -- | EP305R3 | 132M-4 | OK | PAGE 110 |
| 55.0 | 1184 | 1.68 | 25.4 | 14.0 | -- | EP303R3 | 132M-4 | OK | PAGE 100 |
| 55.6 | 1212 | 1.48 | 25.2 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 55.6 | 1212 | 2.50 | 25.2 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 56.7 | 1188 | 3.40 | 24.7 | 13.0 | EP306L2 | -- | 132M-4 | OK | PAGE 120 |
| 57.8 | 1165 | 1.48 | 24.2 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 57.8 | 1165 | 2.50 | 24.2 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 59.6 | 1093 | 0.94 | 23.5 | 12.0 | -- | EP301R3 | 132M-4 | OK | PAGE 90 |
| 70.9 | 950 | 1.13 | 19.8 | 7.5 | EP301L2 | -- | 132M-4 | OK | PAGE 90 |
| 75.0 | 898 | 1.93 | 18.7 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 75.0 | 898 | 2.84 | 18.7 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 80.1 | 840 | 1.62 | 17.5 | 18.0 | -- | EP303R2 | 132M-4 | OK | PAGE 100 |
| 80.1 | 840 | 1.62 | 17.5 | 18.0 | -- | EP305R2 | 132M-4 | OK | PAGE 110 |
| 93.1 | 723 | 0.85 | 15.0 | 7.5 | EP300L2 | -- | 132M-4 | OK | PAGE 80 |
| 93.1 | 723 | 1.36 | 15.0 | 7.5 | EP301L2 | -- | 132M-4 | OK | PAGE 90 |
| 94.9 | 710 | 1.25 | 14.8 | 12.0 | -- | EP301R2 | 132M-4 | OK | PAGE 90 |
| 98.1 | 687 | 2.14 | 14.3 | 18.0 | -- | EP303R2 | 132M-4 | OK | PAGE 100 |
| 98.1 | 687 | 2.14 | 14.3 | 18.0 | -- | EP305R2 | 132M-4 | OK | PAGE 110 |
| 98.5 | 684 | 2.50 | 14.2 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 98.5 | 684 | 3.40 | 14.2 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 109 | 616 | 3.06 | 12.8 | 18.0 | -- | EP303R2 | 132M-4 | OK | PAGE 100 |
| 109 | 616 | 3.06 | 12.8 | 18.0 | -- | EP305R2 | 132M-4 | OK | PAGE 110 |
| 113 | 597 | 2.84 | 12.4 | 9.0 | EP303L2 | -- | 132M-4 | OK | PAGE 100 |
| 113 | 597 | 3.40 | 12.4 | 9.0 | EP305L2 | -- | 132M-4 | OK | PAGE 110 |
| 118 | 569 | 1.59 | 11.8 | 12.0 | -- | EP301R2 | 132M-4 | OK | PAGE 90 |
| 122 | 551 | 1.02 | 11.5 | 7.5 | EP300L2 | -- | 132M-4 | OK | PAGE 80 |
| 122 | 551 | 1.70 | 11.5 | 7.5 | EP301L2 | -- | 132M-4 | OK | PAGE 90 |
| 154 | 438 | 1.70 | 9.1 | 12.0 | -- | EP300R2 | 132M-4 | OK | PAGE 80 |
| 154 | 438 | 1.70 | 9.1 | 12.0 | -- | EP301R2 | 132M-4 | OK | PAGE 90 |
| 194 | 357 | 1.21 | 7.2 | 7.5 | EP300L1 | -- | 132M-4 | OK | PAGE 80 |
| 194 | 357 | 1.21 | 7.2 | 7.5 | EP300L1 | -- | 132M-4 | OK | PAGE 80 |
| 194 | 357 | 1.98 | 7.2 | 7.5 | EP301L1 | -- | 132M-4 | OK | PAGE 90 |
| 202 | 334 | 1.70 | 6.9 | 12.0 | -- | EP300R2 | 132M-4 | OK | PAGE 80 |
| 202 | 334 | 1.70 | 6.9 | 12.0 | -- | EP301R2 | 132M-4 | OK | PAGE 90 |
| 243 | 286 | 1.65 | 5.8 | 7.5 | EP300L1 | -- | 132M-4 | OK | PAGE 80 |
| 243 | 286 | 3.08 | 5.8 | 7.5 | EP301L1 | -- | 132M-4 | OK | PAGE 90 |
| 315 | 221 | 2.20 | 4.4 | 7.5 | EP300L1 | -- | 132M-4 | OK | PAGE 80 |
| 315 | 221 | 3.30 | 4.4 | 7.5 | EP301L1 | -- | 132M-4 | OK | PAGE 90 |
| 414 | 168 | 2.20 | 3.4 | 7.5 | EP300L1 | -- | 132M-4 | OK | PAGE 80 |

EP300 series gear motor

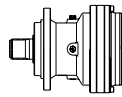
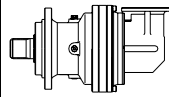
P1=11KW n1=1400 min⁻¹

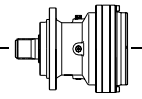
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.0 | 91752 | 1.28 | 1390 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 1.1 | 81141 | 0.87 | 1229 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |



EP300 series gear motor

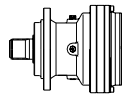
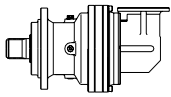
P1=11KW n1=1400 min⁻¹

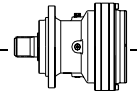
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.2 | 77310 | 1.49 | 1171 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 1.4 | 68369 | 1.16 | 1036 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 1.4 | 64793 | 1.82 | 981 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 1.6 | 57300 | 1.45 | 868 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 1.7 | 54594 | 2.07 | 827 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 1.8 | 50966 | 1.32 | 772 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 1.8 | 50944 | 2.31 | 772 | 45.0 | -- | EP316R4 | 160M-4 | OK | PAGE 190 |
| 2.1 | 44611 | 2.48 | 676 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 2.1 | 43678 | 0.91 | 662 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 2.2 | 42948 | 1.03 | 650 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 2.2 | 42944 | 1.74 | 650 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 2.2 | 42925 | 2.73 | 650 | 45.0 | -- | EP316R4 | 160M-4 | OK | PAGE 190 |
| 2.2 | 42020 | 1.90 | 636 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 2.3 | 40036 | 2.81 | 606 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 2.5 | 36956 | 0.93 | 560 | 11.0 | EP311L4 | -- | 160M-4 | OK | PAGE 160 |
| 2.5 | 36836 | 1.24 | 558 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 2.6 | 36076 | 1.24 | 546 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 2.6 | 35975 | 3.31 | 545 | 45.0 | -- | EP316R4 | 160M-4 | OK | PAGE 190 |
| 2.6 | 35886 | 2.15 | 544 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 2.6 | 35039 | 1.90 | 531 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 2.8 | 33554 | 3.31 | 508 | 18.0 | EP316L4 | -- | 160M-4 | OK | PAGE 190 |
| 3.0 | 31038 | 1.45 | 470 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 3.0 | 30496 | 2.15 | 462 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 3.0 | 30434 | 2.48 | 461 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 3.1 | 30188 | 1.10 | 457 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 3.2 | 28797 | 1.16 | 436 | 11.0 | EP311L4 | -- | 160M-4 | OK | PAGE 160 |
| 3.3 | 28157 | 1.82 | 426 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 3.6 | 25695 | 2.64 | 389 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 3.6 | 25565 | 2.89 | 387 | 18.0 | EP315L4 | -- | 160M-4 | OK | PAGE 180 |
| 3.6 | 25436 | 1.28 | 385 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 3.6 | 25362 | 1.74 | 384 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 3.8 | 24472 | 0.84 | 371 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 4.1 | 22761 | 1.90 | 345 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 4.2 | 22184 | 1.49 | 336 | 11.0 | EP311L4 | -- | 160M-4 | OK | PAGE 160 |
| 4.3 | 21691 | 0.99 | 329 | 11.0 | EP310L4 | -- | 160M-4 | OK | PAGE 150 |
| 4.3 | 21691 | 2.31 | 329 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 4.3 | 21535 | 3.55 | 326 | 40.0 | -- | EP315R4 | 160M-4 | OK | PAGE 180 |
| 4.4 | 20900 | 0.95 | 317 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 4.4 | 20785 | 1.54 | 315 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 4.6 | 20567 | 2.98 | 301 | 30.0 | EP315L3 | -- | 160M-4 | OK | PAGE 180 |
| 4.8 | 19076 | 2.23 | 289 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 4.9 | 18928 | 1.74 | 287 | 11.0 | EP311L4 | -- | 160M-4 | OK | PAGE 160 |
| 5.0 | 18653 | 1.69 | 283 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 5.0 | 18477 | 2.48 | 280 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 5.2 | 18364 | 0.92 | 269 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 5.2 | 17724 | 1.07 | 268 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 5.3 | 18072 | 1.28 | 265 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 5.4 | 17626 | 2.48 | 258 | 18.0 | EP313L3 | -- | 160M-4 | OK | PAGE 170 |
| 5.5 | 16894 | 1.90 | 256 | 11.0 | EP311L4 | -- | 160M-4 | OK | PAGE 160 |
| 5.6 | 16519 | 2.48 | 250 | 11.0 | EP313L4 | -- | 160M-4 | OK | PAGE 170 |
| 5.8 | 16024 | 2.56 | 243 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |



EP300 series gear motor

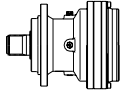
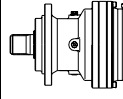
P1=11KW n1=1400 min⁻¹

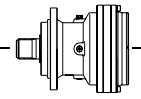
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 5.9 | 15633 | 1.90 | 237 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 6.2 | 14889 | 1.24 | 226 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 6.3 | 15228 | 1.76 | 223 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 6.4 | 15006 | 1.12 | 220 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 6.4 | 14430 | 0.99 | 219 | 14.0 | -- | EP309R4 | 160M-4 | OK | PAGE 140 |
| 6.4 | 14865 | 2.88 | 218 | 18.0 | EP313L3 | -- | 160M-4 | OK | PAGE 170 |
| 6.6 | 13989 | 2.89 | 212 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 6.6 | 14379 | 1.04 | 211 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 7.0 | 13132 | 2.15 | 199 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 7.1 | 13467 | 1.52 | 197 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 7.4 | 12506 | 1.40 | 189 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 7.4 | 12506 | 2.89 | 189 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 7.4 | 12831 | 2.00 | 188 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 7.6 | 12525 | 3.20 | 183 | 18.0 | EP313L3 | -- | 160M-4 | OK | PAGE 170 |
| 8.1 | 11464 | 2.40 | 174 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 8.3 | 11521 | 1.28 | 169 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 8.3 | 11117 | 1.24 | 168 | 14.0 | -- | EP309R4 | 160M-4 | OK | PAGE 140 |
| 8.5 | 10918 | 2.89 | 165 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 8.7 | 11004 | 1.76 | 161 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 9.0 | 10232 | 2.64 | 155 | 22.0 | -- | EP311R4 | 160M-4 | OK | PAGE 160 |
| 9.1 | 10485 | 2.24 | 154 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 9.2 | 10340 | 0.94 | 151 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 9.2 | 10340 | 1.36 | 151 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 9.3 | 10235 | 3.60 | 150 | 18.0 | EP313L3 | -- | 160M-4 | OK | PAGE 170 |
| 9.6 | 9588 | 1.74 | 145 | 14.0 | -- | EP310R4 | 160M-4 | OK | PAGE 150 |
| 9.7 | 9876 | 1.92 | 145 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 9.8 | 9787 | 3.20 | 143 | 40.0 | -- | EP313R3 | 160M-4 | OK | PAGE 170 |
| 10.2 | 9409 | 2.40 | 138 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 10.9 | 8508 | 2.89 | 129 | 22.0 | -- | EP313R4 | 160M-4 | OK | PAGE 170 |
| 10.9 | 8466 | 1.28 | 128 | 14.0 | -- | EP309R4 | 160M-4 | OK | PAGE 140 |
| 11.0 | 8666 | 1.12 | 127 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 11.0 | 8666 | 1.60 | 127 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 11.3 | 8459 | 1.60 | 124 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 11.3 | 8455 | 2.80 | 124 | 40.0 | -- | EP311R3 | 160M-4 | OK | PAGE 160 |
| 11.3 | 8434 | 2.24 | 124 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 11.5 | 8063 | 0.93 | 122 | 12.0 | -- | EP306R4 | 160M-4 | OK | PAGE 120 |
| 11.6 | 8254 | 3.60 | 121 | 40.0 | -- | EP313R3 | 160M-4 | OK | PAGE 170 |
| 12.1 | 7886 | 2.80 | 116 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 12.5 | 7391 | 0.99 | 112 | 14.0 | -- | EP307R4 | 160M-4 | OK | PAGE 130 |
| 12.9 | 7433 | 0.96 | 109 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 12.9 | 7433 | 1.28 | 109 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 13.1 | 7279 | 1.28 | 107 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 13.1 | 7279 | 1.84 | 107 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 13.4 | 7153 | 2.56 | 105 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 13.4 | 7124 | 3.20 | 104 | 40.0 | -- | EP311R3 | 160M-4 | OK | PAGE 160 |
| 13.8 | 6933 | 0.88 | 102 | 7.5 | EP306L3 | -- | 160M-4 | NO ! | PAGE 120 |
| 13.8 | 6902 | 1.92 | 101 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 14.4 | 6624 | 3.04 | 97.0 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 15.0 | 6181 | 1.16 | 93.6 | 12.0 | -- | EP306R4 | 160M-4 | OK | PAGE 120 |
| 15.3 | 6263 | 1.20 | 91.7 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 15.3 | 6263 | 1.44 | 91.7 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |



EP300 series gear motor

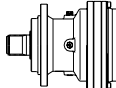
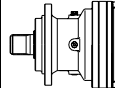
P1=11KW n1=1400 min⁻¹

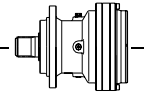
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 15.9 | 6008 | 2.96 | 88.0 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 16.2 | 5894 | 2.16 | 86.3 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 16.5 | 5783 | 3.36 | 84.7 | 18.0 | EP311L3 | -- | 160M-4 | OK | PAGE 160 |
| 17.0 | 5608 | 1.60 | 82.1 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 17.0 | 5608 | 2.24 | 82.1 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 17.3 | 5521 | 1.04 | 80.9 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 17.9 | 5341 | 1.04 | 78.2 | 7.5 | EP306L3 | -- | 160M-4 | NO ! | PAGE 120 |
| 18.7 | 5117 | 1.44 | 75.0 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 18.7 | 5117 | 1.60 | 75.0 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 18.9 | 5061 | 2.64 | 74.1 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 18.9 | 5047 | 3.36 | 73.9 | 18.0 | EP310L3 | -- | 160M-4 | OK | PAGE 150 |
| 20.8 | 4593 | 1.60 | 67.3 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 20.8 | 4593 | 1.76 | 67.3 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 21.2 | 4512 | 1.20 | 66.1 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 22.1 | 4322 | 2.96 | 63.3 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 22.4 | 4270 | 2.00 | 62.5 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 22.4 | 4270 | 2.64 | 62.5 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 23.5 | 4067 | 1.32 | 59.6 | 7.5 | EP306L3 | -- | 160M-4 | NO ! | PAGE 120 |
| 23.6 | 4049 | 1.32 | 59.3 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 24.8 | 3849 | 1.60 | 56.4 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 24.8 | 3849 | 1.76 | 56.4 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 25.6 | 3728 | 2.24 | 54.6 | 11.0 | EP307L3 | -- | 160M-4 | OK | PAGE 130 |
| 25.6 | 3728 | 2.88 | 54.6 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 26.1 | 3666 | 3.28 | 53.7 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 27.1 | 3527 | 0.96 | 51.7 | 14.0 | -- | EP305R3 | 160M-4 | OK | PAGE 110 |
| 27.6 | 3458 | 1.52 | 50.6 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 28.2 | 3391 | 0.96 | 49.7 | 14.0 | -- | EP305R3 | 160M-4 | OK | PAGE 110 |
| 29.0 | 3410 | 1.24 | 48.3 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 29.1 | 3285 | 0.96 | 48.1 | 7.5 | EP305L3 | -- | 160M-4 | NO ! | PAGE 110 |
| 29.6 | 3233 | 1.60 | 47.4 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 29.6 | 3233 | 2.00 | 47.4 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 30.7 | 3118 | 1.68 | 45.7 | 7.5 | EP306L3 | -- | 160M-4 | NO ! | PAGE 120 |
| 31.0 | 3079 | 3.60 | 45.1 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 32.6 | 2933 | 1.84 | 43.0 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 32.9 | 2905 | 3.36 | 42.5 | 11.0 | EP309L3 | -- | 160M-4 | OK | PAGE 140 |
| 33.0 | 2996 | 2.48 | 42.5 | 18.0 | EP307L2 | -- | 160M-4 | OK | PAGE 130 |
| 33.0 | 2996 | 3.25 | 42.5 | 18.0 | EP309L2 | -- | 160M-4 | OK | PAGE 140 |
| 33.9 | 2823 | 1.76 | 41.3 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 34.9 | 2829 | 1.16 | 40.1 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 35.3 | 2704 | 3.60 | 39.6 | 20.0 | -- | EP310R3 | 160M-4 | OK | PAGE 150 |
| 35.5 | 2782 | 1.70 | 39.4 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 36.6 | 2613 | 0.99 | 38.3 | 14.0 | -- | EP303R3 | 160M-4 | OK | PAGE 100 |
| 36.6 | 2613 | 1.12 | 38.3 | 14.0 | -- | EP305R3 | 160M-4 | OK | PAGE 110 |
| 38.8 | 2463 | 2.16 | 36.1 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 39.1 | 2525 | 2.86 | 35.8 | 18.0 | EP307L2 | -- | 160M-4 | OK | PAGE 130 |
| 43.4 | 2273 | 1.86 | 32.2 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 43.5 | 2199 | 2.00 | 32.2 | 20.0 | -- | EP309R3 | 160M-4 | OK | PAGE 140 |
| 43.5 | 2199 | 2.40 | 32.2 | 20.0 | -- | EP307R3 | 160M-4 | OK | PAGE 130 |
| 43.6 | 2267 | 1.39 | 32.1 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 46.7 | 2116 | 0.89 | 30.0 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 46.7 | 2116 | 1.51 | 30.0 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |



EP300 series gear motor

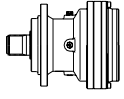
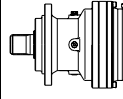
P1=11KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 47.9 | 2063 | 3.48 | 29.3 | 18.0 | EP307L2 | -- | 160M-4 | OK | PAGE 130 |
| 48.0 | 1990 | 1.20 | 29.1 | 14.0 | -- | EP305R3 | 160M-4 | OK | PAGE 110 |
| 48.0 | 1990 | 1.22 | 29.1 | 14.0 | -- | EP303R3 | 160M-4 | OK | PAGE 100 |
| 48.4 | 2040 | 2.01 | 28.9 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 48.5 | 2034 | 0.93 | 28.8 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 48.5 | 2034 | 1.55 | 28.8 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 50.6 | 1889 | 2.80 | 27.7 | 14.0 | -- | EP306R3 | 160M-4 | OK | PAGE 120 |
| 55.0 | 1737 | 1.04 | 25.4 | 14.0 | -- | EP305R3 | 160M-4 | OK | PAGE 110 |
| 55.0 | 1737 | 1.14 | 25.4 | 14.0 | -- | EP303R3 | 160M-4 | OK | PAGE 100 |
| 55.6 | 1777 | 1.01 | 25.2 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 55.6 | 1777 | 1.70 | 25.2 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 56.7 | 1742 | 2.32 | 24.7 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 57.8 | 1709 | 1.01 | 24.2 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 57.8 | 1709 | 1.70 | 24.2 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 59.4 | 1664 | 3.25 | 23.6 | 35.0 | -- | EP307R2 | 160M-4 | OK | PAGE 130 |
| 59.4 | 1664 | 3.48 | 23.6 | 35.0 | -- | EP309R2 | 160M-4 | OK | PAGE 140 |
| 66.8 | 1478 | 3.09 | 21.0 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 70.4 | 1402 | 3.48 | 19.9 | 35.0 | -- | EP309R2 | 160M-4 | OK | PAGE 140 |
| 75.0 | 1316 | 1.32 | 18.7 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 75.0 | 1316 | 1.93 | 18.7 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 77.0 | 1281 | 2.71 | 18.2 | 18.0 | -- | EP306R2 | 160M-4 | OK | PAGE 120 |
| 79.5 | 1241 | 3.09 | 17.6 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 80.1 | 1232 | 1.11 | 17.5 | 18.0 | -- | EP303R2 | 160M-4 | OK | PAGE 100 |
| 80.1 | 1232 | 1.11 | 17.5 | 18.0 | -- | EP305R2 | 160M-4 | OK | PAGE 110 |
| 93.1 | 1061 | 0.93 | 15.0 | 7.5 | EP301L2 | -- | 160M-4 | NO ! | PAGE 90 |
| 94.4 | 1046 | 2.71 | 14.8 | 18.0 | -- | EP306R2 | 160M-4 | OK | PAGE 120 |
| 94.9 | 1041 | 0.85 | 14.8 | 12.0 | -- | EP301R2 | 160M-4 | OK | PAGE 90 |
| 98.1 | 1007 | 1.46 | 14.3 | 18.0 | -- | EP303R2 | 160M-4 | OK | PAGE 100 |
| 98.1 | 1007 | 1.46 | 14.3 | 18.0 | -- | EP305R2 | 160M-4 | OK | PAGE 110 |
| 98.5 | 1003 | 1.70 | 14.2 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 98.5 | 1003 | 2.32 | 14.2 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 104 | 952 | 3.09 | 13.5 | 13.0 | EP306L2 | -- | 160M-4 | OK | PAGE 120 |
| 109 | 904 | 2.09 | 12.8 | 18.0 | -- | EP303R2 | 160M-4 | OK | PAGE 100 |
| 109 | 904 | 2.09 | 12.8 | 18.0 | -- | EP305R2 | 160M-4 | OK | PAGE 110 |
| 111 | 893 | 2.71 | 12.7 | 18.0 | -- | EP306R2 | 160M-4 | OK | PAGE 120 |
| 113 | 875 | 1.93 | 12.4 | 9.0 | EP303L2 | -- | 160M-4 | NO ! | PAGE 100 |
| 113 | 875 | 2.32 | 12.4 | 9.0 | EP305L2 | -- | 160M-4 | NO ! | PAGE 110 |
| 118 | 834 | 1.08 | 11.8 | 12.0 | -- | EP301R2 | 160M-4 | OK | PAGE 90 |
| 122 | 808 | 1.16 | 11.5 | 7.5 | EP301L2 | -- | 160M-4 | NO ! | PAGE 90 |
| 130 | 759 | 2.71 | 10.8 | 18.0 | -- | EP303R2 | 160M-4 | OK | PAGE 100 |
| 130 | 759 | 2.71 | 10.8 | 18.0 | -- | EP305R2 | 160M-4 | OK | PAGE 110 |
| 130 | 757 | 2.71 | 10.7 | 18.0 | -- | EP306R2 | 160M-4 | OK | PAGE 120 |
| 148 | 665 | 2.71 | 9.4 | 18.0 | -- | EP306R2 | 160M-4 | OK | PAGE 120 |
| 149 | 663 | 2.71 | 9.4 | 18.0 | -- | EP303R2 | 160M-4 | OK | PAGE 100 |
| 149 | 663 | 2.71 | 9.4 | 18.0 | -- | EP305R2 | 160M-4 | OK | PAGE 110 |
| 154 | 643 | 1.16 | 9.1 | 12.0 | -- | EP301R2 | 160M-4 | OK | PAGE 90 |
| 194 | 524 | 1.35 | 7.2 | 7.5 | EP301L1 | -- | 160M-4 | NO ! | PAGE 90 |
| 202 | 489 | 1.16 | 6.9 | 12.0 | -- | EP301R2 | 160M-4 | OK | PAGE 90 |
| 205 | 496 | 2.70 | 6.8 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 243 | 420 | 1.12 | 5.8 | 7.5 | EP300L1 | -- | 160M-4 | NO ! | PAGE 80 |
| 243 | 420 | 2.10 | 5.8 | 7.5 | EP301L1 | -- | 160M-4 | NO ! | PAGE 90 |



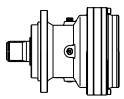
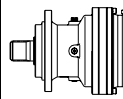
EP300 series gear motor

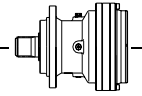
P1=11KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 251 | 405 | 3.00 | 5.6 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 280 | 364 | 3.00 | 5.0 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 280 | 364 | 3.00 | 5.0 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 315 | 323 | 1.50 | 4.4 | 7.5 | EP300L1 | -- | 160M-4 | NO ! | PAGE 80 |
| 315 | 323 | 2.25 | 4.4 | 7.5 | EP301L1 | -- | 160M-4 | NO ! | PAGE 90 |
| 333 | 306 | 3.00 | 4.2 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 382 | 267 | 3.00 | 3.7 | 11.0 | EP303L1 | -- | 160M-4 | OK | PAGE 100 |
| 414 | 246 | 1.50 | 3.4 | 7.5 | EP300L1 | -- | 160M-4 | NO ! | PAGE 80 |
| 414 | 246 | 2.25 | 3.4 | 7.5 | EP301L1 | -- | 160M-4 | NO ! | PAGE 90 |

EP300 series gear motor

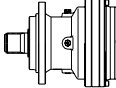
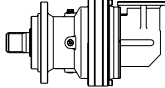
P1=15KW n1=1400 min⁻¹

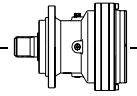
| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.0 | 125117 | 0.94 | 1390 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 1.2 | 105422 | 1.09 | 1171 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 1.4 | 93231 | 0.85 | 1036 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 1.4 | 88354 | 1.33 | 981 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 1.6 | 78136 | 1.06 | 868 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 1.7 | 74446 | 1.52 | 827 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 1.8 | 69499 | 0.97 | 772 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 1.8 | 69470 | 1.70 | 772 | 45.0 | -- | EP316R4 | 160L-4 | OK | PAGE 190 |
| 2.1 | 60833 | 1.82 | 676 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 2.2 | 58560 | 1.27 | 650 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 2.2 | 58534 | 2.00 | 650 | 45.0 | -- | EP316R4 | 160L-4 | OK | PAGE 190 |
| 2.2 | 57300 | 1.39 | 636 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 2.3 | 54594 | 2.06 | 606 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 2.5 | 50231 | 0.91 | 558 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 2.6 | 49195 | 0.91 | 546 | 11.0 | EP313L4 | -- | 160L-4 | NO ! | PAGE 170 |
| 2.6 | 49057 | 2.42 | 545 | 45.0 | -- | EP316R4 | 160L-4 | OK | PAGE 190 |
| 2.6 | 48936 | 1.58 | 544 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 2.6 | 47781 | 1.39 | 531 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 2.8 | 45755 | 2.42 | 508 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 3.0 | 42324 | 1.06 | 470 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 3.0 | 41585 | 1.58 | 462 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 3.0 | 41501 | 1.82 | 461 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 3.0 | 41335 | 2.73 | 459 | 45.0 | -- | EP316R4 | 160L-4 | OK | PAGE 190 |
| 3.2 | 39268 | 0.85 | 436 | 11.0 | EP311L4 | -- | 160L-4 | NO ! | PAGE 160 |
| 3.3 | 38434 | 2.85 | 427 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 3.3 | 38396 | 1.33 | 426 | 11.0 | EP313L4 | -- | 160L-4 | NO ! | PAGE 170 |
| 3.5 | 35653 | 3.09 | 396 | 18.0 | EP316L4 | -- | 160L-4 | OK | PAGE 190 |
| 3.6 | 35039 | 1.94 | 389 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 3.6 | 34861 | 2.12 | 387 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 3.6 | 34685 | 0.94 | 385 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 3.6 | 34643 | 3.15 | 385 | 45.0 | -- | EP316R4 | 160L-4 | OK | PAGE 190 |
| 3.6 | 34585 | 1.27 | 384 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |



EP300 series gear motor

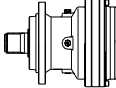
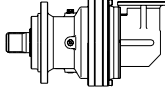
P1=15KW n1=1400 min⁻¹

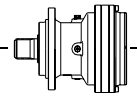
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 4.1 | 31038 | 1.39 | 345 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 4.2 | 30371 | 3.03 | 337 | 18.0 | EP315L4 | -- | 160L-4 | OK | PAGE 180 |
| 4.2 | 30251 | 1.09 | 336 | 11.0 | EP311L4 | -- | 160L-4 | NO ! | PAGE 160 |
| 4.3 | 29579 | 1.70 | 329 | 11.0 | EP313L4 | -- | 160L-4 | NO ! | PAGE 170 |
| 4.3 | 29366 | 2.61 | 326 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 4.4 | 28343 | 1.13 | 315 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 4.6 | 28046 | 2.19 | 301 | 30.0 | EP315L3 | -- | 160L-4 | OK | PAGE 180 |
| 4.8 | 26013 | 1.64 | 289 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 4.9 | 25811 | 1.27 | 287 | 11.0 | EP311L4 | -- | 160L-4 | NO ! | PAGE 160 |
| 5.0 | 25436 | 1.24 | 283 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 5.0 | 25196 | 1.82 | 280 | 11.0 | EP313L4 | -- | 160L-4 | NO ! | PAGE 170 |
| 5.0 | 25080 | 3.03 | 279 | 40.0 | -- | EP315R4 | 160L-4 | OK | PAGE 180 |
| 5.3 | 24644 | 0.94 | 265 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 5.4 | 24036 | 1.82 | 258 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 5.5 | 23037 | 1.39 | 256 | 11.0 | EP311L4 | -- | 160L-4 | NO ! | PAGE 160 |
| 5.5 | 23632 | 2.87 | 254 | 30.0 | EP315L3 | -- | 160L-4 | OK | PAGE 180 |
| 5.6 | 22526 | 1.82 | 250 | 11.0 | EP313L4 | -- | 160L-4 | NO ! | PAGE 170 |
| 5.8 | 21851 | 1.88 | 243 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 5.9 | 21318 | 1.39 | 237 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 6.2 | 20303 | 0.91 | 226 | 14.0 | -- | EP310R4 | 160L-4 | NO ! | PAGE 150 |
| 6.3 | 20765 | 1.29 | 223 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 6.4 | 20271 | 2.11 | 218 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 6.6 | 19076 | 2.12 | 212 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 6.9 | 18976 | 3.42 | 204 | 30.0 | EP316L3 | -- | 160L-4 | OK | PAGE 190 |
| 7.0 | 17907 | 1.58 | 199 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 7.1 | 18364 | 1.11 | 197 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 7.4 | 17054 | 1.03 | 189 | 14.0 | -- | EP310R4 | 160L-4 | NO ! | PAGE 150 |
| 7.4 | 17054 | 2.12 | 189 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 7.4 | 17496 | 1.47 | 188 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 7.6 | 17080 | 2.34 | 183 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 8.1 | 15633 | 1.76 | 174 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 8.5 | 14889 | 2.12 | 165 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 8.7 | 15006 | 1.29 | 161 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 9.0 | 13953 | 1.94 | 155 | 22.0 | -- | EP311R4 | 160L-4 | OK | PAGE 160 |
| 9.1 | 14297 | 1.64 | 154 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 9.2 | 14100 | 1.00 | 151 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 9.3 | 13957 | 2.64 | 150 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 9.6 | 13075 | 1.27 | 145 | 14.0 | -- | EP310R4 | 160L-4 | NO ! | PAGE 150 |
| 9.7 | 13467 | 1.41 | 145 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 9.8 | 13346 | 2.34 | 143 | 40.0 | -- | EP313R3 | 160L-4 | OK | PAGE 170 |
| 10.2 | 12831 | 1.76 | 138 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 10.4 | 12525 | 2.93 | 135 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 10.9 | 11601 | 2.12 | 129 | 22.0 | -- | EP313R4 | 160L-4 | OK | PAGE 170 |
| 10.9 | 11544 | 0.94 | 128 | 14.0 | -- | EP309R4 | 160L-4 | NO ! | PAGE 140 |
| 11.0 | 11817 | 1.17 | 127 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 11.3 | 11534 | 1.17 | 124 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 11.3 | 11530 | 2.05 | 124 | 40.0 | -- | EP311R3 | 160L-4 | OK | PAGE 160 |
| 11.3 | 11501 | 1.64 | 124 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 11.6 | 11255 | 2.64 | 121 | 40.0 | -- | EP313R3 | 160L-4 | OK | PAGE 170 |
| 12.1 | 10753 | 2.05 | 116 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 12.4 | 10497 | 3.22 | 113 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |



EP300 series gear motor

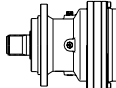
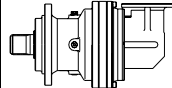
P1=15KW n1=1400 min⁻¹

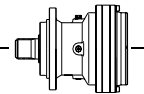
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 12.9 | 10135 | 0.94 | 109 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 13.1 | 9926 | 0.94 | 107 | 11.0 | EP307L3 | -- | 160L-4 | NO ! | PAGE 130 |
| 13.1 | 9926 | 1.35 | 107 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 13.4 | 9754 | 1.88 | 105 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 13.4 | 9715 | 2.34 | 104 | 40.0 | -- | EP311R3 | 160L-4 | OK | PAGE 160 |
| 13.7 | 9483 | 2.93 | 102 | 40.0 | -- | EP313R3 | 160L-4 | OK | PAGE 170 |
| 13.8 | 9411 | 1.41 | 101 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 14.4 | 9033 | 2.23 | 97.0 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 14.8 | 8818 | 3.22 | 94.7 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 15.3 | 8540 | 0.88 | 91.7 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 15.3 | 8540 | 1.05 | 91.7 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 15.9 | 8193 | 2.17 | 88.0 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 16.0 | 8142 | 2.64 | 87.5 | 40.0 | -- | EP311R3 | 160L-4 | OK | PAGE 160 |
| 16.2 | 8038 | 1.58 | 86.3 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 16.5 | 7886 | 2.46 | 84.7 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 16.9 | 7698 | 3.40 | 82.7 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 17.0 | 7647 | 1.17 | 82.1 | 11.0 | EP307L3 | -- | 160L-4 | NO ! | PAGE 130 |
| 17.0 | 7647 | 1.64 | 82.1 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 18.5 | 7039 | 2.70 | 75.6 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 18.7 | 6978 | 1.05 | 75.0 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 18.7 | 6978 | 1.17 | 75.0 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 18.9 | 6902 | 1.93 | 74.1 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 18.9 | 6882 | 2.46 | 73.9 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 18.9 | 6882 | 3.52 | 73.9 | 18.0 | EP313L3 | -- | 160L-4 | OK | PAGE 170 |
| 20.5 | 6344 | 2.93 | 68.1 | 40.0 | -- | EP311R3 | 160L-4 | OK | PAGE 160 |
| 20.8 | 6263 | 1.17 | 67.3 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 20.8 | 6263 | 1.29 | 67.3 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 21.2 | 6152 | 0.88 | 66.1 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 21.2 | 6145 | 2.93 | 66.0 | 18.0 | EP311L3 | -- | 160L-4 | OK | PAGE 160 |
| 22.1 | 5894 | 2.17 | 63.3 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 22.4 | 5823 | 1.47 | 62.5 | 11.0 | EP307L3 | -- | 160L-4 | NO ! | PAGE 130 |
| 22.4 | 5823 | 1.93 | 62.5 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 23.6 | 5521 | 0.97 | 59.3 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 24.7 | 5276 | 2.93 | 56.7 | 18.0 | EP310L3 | -- | 160L-4 | OK | PAGE 150 |
| 24.8 | 5249 | 1.17 | 56.4 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 24.8 | 5249 | 1.29 | 56.4 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 25.6 | 5084 | 1.64 | 54.6 | 11.0 | EP307L3 | -- | 160L-4 | NO ! | PAGE 130 |
| 25.6 | 5084 | 2.11 | 54.6 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 26.1 | 4999 | 2.40 | 53.7 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 27.6 | 4715 | 1.11 | 50.6 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 29.0 | 4650 | 0.91 | 48.3 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 29.0 | 4650 | 3.04 | 48.3 | 22.0 | EP310L2 | -- | 160L-4 | OK | PAGE 150 |
| 29.6 | 4409 | 1.17 | 47.4 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 29.6 | 4409 | 1.47 | 47.4 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 31.0 | 4199 | 2.64 | 45.1 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 32.6 | 3999 | 1.35 | 43.0 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 32.9 | 3961 | 2.46 | 42.5 | 11.0 | EP309L3 | -- | 160L-4 | NO ! | PAGE 140 |
| 33.0 | 4086 | 1.82 | 42.5 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 33.0 | 4086 | 2.38 | 42.5 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 33.9 | 3849 | 1.29 | 41.3 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 34.9 | 3858 | 0.85 | 40.1 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |



EP300 series gear motor

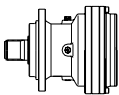
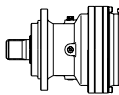
P1=15KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 35.3 | 3687 | 2.64 | 39.6 | 20.0 | -- | EP310R3 | 160L-4 | OK | PAGE 150 |
| 35.5 | 3794 | 1.25 | 39.4 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 38.8 | 3359 | 1.58 | 36.1 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 39.1 | 3443 | 2.10 | 35.8 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 39.1 | 3443 | 3.23 | 35.8 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 43.4 | 3100 | 1.36 | 32.2 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 43.5 | 2999 | 1.47 | 32.2 | 20.0 | -- | EP309R3 | 160L-4 | OK | PAGE 140 |
| 43.5 | 2999 | 1.76 | 32.2 | 20.0 | -- | EP307R3 | 160L-4 | OK | PAGE 130 |
| 43.6 | 3091 | 1.02 | 32.1 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 46.7 | 2885 | 1.11 | 30.0 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 47.9 | 2813 | 2.55 | 29.3 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 47.9 | 2813 | 3.40 | 29.3 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 48.4 | 2782 | 1.48 | 28.9 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 48.5 | 2774 | 1.13 | 28.8 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 50.6 | 2575 | 2.05 | 27.7 | 14.0 | -- | EP306R3 | 160L-4 | NO ! | PAGE 120 |
| 53.3 | 2525 | 2.84 | 26.3 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 53.3 | 2525 | 3.40 | 26.3 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 55.6 | 2424 | 1.25 | 25.2 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 56.7 | 2376 | 1.70 | 24.7 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 57.8 | 2330 | 1.25 | 24.2 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 59.4 | 2268 | 2.38 | 23.6 | 35.0 | -- | EP307R2 | 160L-4 | OK | PAGE 130 |
| 59.4 | 2268 | 2.55 | 23.6 | 35.0 | -- | EP309R2 | 160L-4 | OK | PAGE 140 |
| 63.6 | 2116 | 3.12 | 22.0 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 63.6 | 2116 | 3.40 | 22.0 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 66.8 | 2015 | 2.27 | 21.0 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 70.4 | 1911 | 2.55 | 19.9 | 35.0 | -- | EP307R2 | 160L-4 | OK | PAGE 130 |
| 70.4 | 1911 | 2.55 | 19.9 | 35.0 | -- | EP309R2 | 160L-4 | OK | PAGE 140 |
| 75.0 | 1795 | 1.42 | 18.7 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 75.8 | 1777 | 3.40 | 18.5 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 75.8 | 1777 | 3.40 | 18.5 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 77.0 | 1747 | 1.99 | 18.2 | 18.0 | -- | EP306R2 | 160L-4 | OK | PAGE 120 |
| 79.5 | 1693 | 2.27 | 17.6 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 84.0 | 1602 | 2.84 | 16.7 | 35.0 | -- | EP307R2 | 160L-4 | OK | PAGE 130 |
| 84.0 | 1602 | 2.84 | 16.7 | 35.0 | -- | EP309R2 | 160L-4 | OK | PAGE 140 |
| 86.8 | 1552 | 3.40 | 16.1 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 86.8 | 1552 | 3.40 | 16.1 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 86.8 | 1552 | 3.40 | 16.1 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 94.4 | 1426 | 1.99 | 14.8 | 18.0 | -- | EP306R2 | 160L-4 | OK | PAGE 120 |
| 98.1 | 1373 | 1.07 | 14.3 | 18.0 | -- | EP303R2 | 160L-4 | OK | PAGE 100 |
| 98.1 | 1373 | 1.07 | 14.3 | 18.0 | -- | EP305R2 | 160L-4 | OK | PAGE 110 |
| 98.5 | 1367 | 1.70 | 14.2 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 104 | 1298 | 2.27 | 13.5 | 13.0 | EP306L2 | -- | 160L-4 | NO ! | PAGE 120 |
| 108 | 1248 | 3.40 | 13.0 | 35.0 | -- | EP309R2 | 160L-4 | OK | PAGE 140 |
| 109 | 1232 | 1.53 | 12.8 | 18.0 | -- | EP303R2 | 160L-4 | OK | PAGE 100 |
| 109 | 1232 | 1.53 | 12.8 | 18.0 | -- | EP305R2 | 160L-4 | OK | PAGE 110 |
| 111 | 1218 | 1.99 | 12.7 | 18.0 | -- | EP306R2 | 160L-4 | OK | PAGE 120 |
| 111 | 1209 | 3.40 | 12.6 | 18.0 | EP307L2 | -- | 160L-4 | OK | PAGE 130 |
| 111 | 1209 | 3.40 | 12.6 | 18.0 | EP309L2 | -- | 160L-4 | OK | PAGE 140 |
| 113 | 1194 | 1.70 | 12.4 | 9.0 | EP305L2 | -- | 160L-4 | NO ! | PAGE 110 |
| 130 | 1035 | 1.99 | 10.8 | 18.0 | -- | EP303R2 | 160L-4 | OK | PAGE 100 |
| 130 | 1035 | 1.99 | 10.8 | 18.0 | -- | EP305R2 | 160L-4 | OK | PAGE 110 |



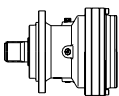
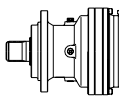
EP300 series gear motor

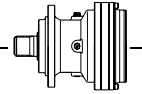
P1=15KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 130 | 1033 | 1.99 | 10.7 | 18.0 | -- | EP306R2 | 160L-4 | OK | PAGE 120 |
| 148 | 907 | 1.99 | 9.4 | 18.0 | -- | EP306R2 | 160L-4 | OK | PAGE 120 |
| 149 | 904 | 1.99 | 9.4 | 18.0 | -- | EP303R2 | 160L-4 | OK | PAGE 100 |
| 149 | 904 | 1.99 | 9.4 | 18.0 | -- | EP305R2 | 160L-4 | OK | PAGE 110 |
| 205 | 677 | 1.98 | 6.8 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 205 | 677 | 2.75 | 6.8 | 13.0 | EP305L1 | -- | 160L-4 | NO ! | PAGE 110 |
| 251 | 553 | 2.20 | 5.6 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 251 | 553 | 3.30 | 5.6 | 13.0 | EP305L1 | -- | 160L-4 | NO ! | PAGE 110 |
| 280 | 496 | 2.20 | 5.0 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 280 | 496 | 2.20 | 5.0 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 280 | 496 | 3.30 | 5.0 | 13.0 | EP305L1 | -- | 160L-4 | NO ! | PAGE 110 |
| 333 | 417 | 2.20 | 4.2 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 333 | 417 | 3.30 | 4.2 | 13.0 | EP305L1 | -- | 160L-4 | NO ! | PAGE 110 |
| 382 | 364 | 2.20 | 3.7 | 11.0 | EP303L1 | -- | 160L-4 | NO ! | PAGE 100 |
| 382 | 364 | 3.30 | 3.7 | 13.0 | EP305L1 | -- | 160L-4 | NO ! | PAGE 110 |

EP300 series gear motor

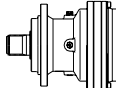
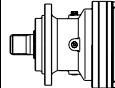
P1=18.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.2 | 130021 | 0.88 | 1171 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 1.4 | 108970 | 1.08 | 981 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 1.7 | 91817 | 1.23 | 827 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 1.8 | 85679 | 1.38 | 772 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 2.0 | 78746 | 1.03 | 709 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 2.1 | 75028 | 1.47 | 676 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 2.2 | 72223 | 1.03 | 650 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 2.2 | 72193 | 1.62 | 650 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 2.2 | 70670 | 1.13 | 636 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 2.3 | 67333 | 1.67 | 606 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 2.6 | 60504 | 1.97 | 545 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 2.6 | 60354 | 1.28 | 544 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 2.6 | 58930 | 1.13 | 531 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 2.8 | 56431 | 1.97 | 508 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 3.0 | 52200 | 0.86 | 470 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 3.0 | 51288 | 1.28 | 462 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 3.0 | 51185 | 1.47 | 461 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 3.0 | 50980 | 2.21 | 459 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 3.3 | 47402 | 2.31 | 427 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 3.5 | 43972 | 2.51 | 396 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 3.6 | 43215 | 1.57 | 389 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 3.6 | 42995 | 1.72 | 387 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 3.6 | 42726 | 2.56 | 385 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 3.6 | 42655 | 1.03 | 384 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 4.1 | 38280 | 1.13 | 345 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 4.2 | 37458 | 2.46 | 337 | 18.0 | EP315L4 | -- | 180M-4 | NO ! | PAGE 180 |
| 4.2 | 36937 | 2.95 | 333 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |



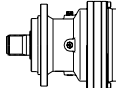
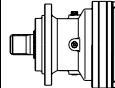
EP300 series gear motor

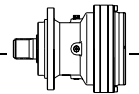
P1=18.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 4.3 | 36218 | 2.11 | 326 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 4.4 | 34956 | 0.91 | 315 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 4.6 | 34590 | 1.77 | 301 | 30.0 | EP315L3 | -- | 180M-4 | OK | PAGE 180 |
| 4.7 | 33293 | 2.95 | 300 | 45.0 | -- | EP316R4 | 180M-4 | OK | PAGE 190 |
| 4.8 | 32246 | 2.95 | 290 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 4.8 | 32082 | 1.33 | 289 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 5.0 | 31371 | 1.01 | 283 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 5.0 | 30932 | 2.46 | 279 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 5.4 | 29644 | 1.47 | 258 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 5.5 | 29146 | 2.33 | 254 | 30.0 | EP315L3 | -- | 180M-4 | OK | PAGE 180 |
| 5.8 | 26949 | 1.52 | 243 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 5.9 | 26292 | 1.13 | 237 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 5.9 | 26232 | 2.95 | 236 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 6.2 | 25127 | 2.95 | 226 | 18.0 | EP316L4 | -- | 180M-4 | NO ! | PAGE 190 |
| 6.3 | 25610 | 1.05 | 223 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 6.4 | 25000 | 1.71 | 218 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 6.6 | 23527 | 1.72 | 212 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 6.8 | 23781 | 2.77 | 207 | 30.0 | EP315L3 | -- | 180M-4 | OK | PAGE 180 |
| 6.9 | 23404 | 2.77 | 204 | 30.0 | EP316L3 | -- | 180M-4 | OK | PAGE 190 |
| 7.0 | 22085 | 1.28 | 199 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 7.1 | 22035 | 3.44 | 198 | 40.0 | -- | EP315R4 | 180M-4 | OK | PAGE 180 |
| 7.1 | 22648 | 0.90 | 197 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 7.4 | 21033 | 1.72 | 189 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 7.4 | 21579 | 1.19 | 188 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 7.6 | 21065 | 1.90 | 183 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 7.8 | 20697 | 3.05 | 180 | 30.0 | EP315L3 | -- | 180M-4 | OK | PAGE 180 |
| 8.1 | 19281 | 1.43 | 174 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 8.2 | 19720 | 3.05 | 172 | 30.0 | EP316L3 | -- | 180M-4 | OK | PAGE 190 |
| 8.5 | 18363 | 1.72 | 165 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 8.7 | 18507 | 1.05 | 161 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 9.0 | 17209 | 1.57 | 155 | 22.0 | -- | EP311R4 | 180M-4 | OK | PAGE 160 |
| 9.1 | 17633 | 1.33 | 154 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 9.3 | 17213 | 2.14 | 150 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 9.7 | 16609 | 1.14 | 145 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 9.8 | 16459 | 1.90 | 143 | 40.0 | -- | EP313R3 | 180M-4 | OK | PAGE 170 |
| 10.2 | 15825 | 1.43 | 138 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 10.4 | 15448 | 2.38 | 135 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 10.9 | 14308 | 1.72 | 129 | 22.0 | -- | EP313R4 | 180M-4 | OK | PAGE 170 |
| 11.3 | 14226 | 0.95 | 124 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 11.3 | 14220 | 1.66 | 124 | 40.0 | -- | EP311R3 | 180M-4 | OK | PAGE 160 |
| 11.3 | 14184 | 1.33 | 124 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 11.6 | 13881 | 2.14 | 121 | 40.0 | -- | EP313R3 | 180M-4 | OK | PAGE 170 |
| 12.1 | 13262 | 1.66 | 116 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 12.4 | 12947 | 2.61 | 113 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 13.1 | 12242 | 1.09 | 107 | 11.0 | EP309L3 | -- | 180M-4 | NO ! | PAGE 140 |
| 13.4 | 12029 | 1.52 | 105 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 13.4 | 11981 | 1.90 | 104 | 40.0 | -- | EP311R3 | 180M-4 | OK | PAGE 160 |
| 13.7 | 11696 | 2.38 | 102 | 40.0 | -- | EP313R3 | 180M-4 | OK | PAGE 170 |
| 13.8 | 11607 | 1.14 | 101 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 14.4 | 11140 | 1.81 | 97.0 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 14.8 | 10875 | 2.61 | 94.7 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |

EP300 series gear motor

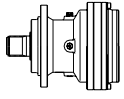
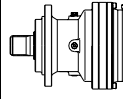
P1=18.5KW n1=1400 min⁻¹

| n ₂ (min ⁻¹) | M ₂ (N.m) | S | I I: | P _t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------|------|---------|------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 15.9 | 10105 | 1.76 | 88.0 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 16.0 | 10042 | 2.14 | 87.5 | 40.0 | -- | EP311R3 | 180M-4 | OK | PAGE 160 |
| 16.2 | 9913 | 1.28 | 86.3 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 16.4 | 9803 | 2.85 | 85.4 | 40.0 | -- | EP313R3 | 180M-4 | OK | PAGE 170 |
| 16.5 | 9726 | 2.00 | 84.7 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 16.9 | 9494 | 2.76 | 82.7 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 17.0 | 9431 | 0.95 | 82.1 | 11.0 | EP307L3 | -- | 180M-4 | NO ! | PAGE 130 |
| 17.0 | 9431 | 1.33 | 82.1 | 11.0 | EP309L3 | -- | 180M-4 | NO ! | PAGE 140 |
| 18.5 | 8681 | 2.19 | 75.6 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 18.7 | 8607 | 0.86 | 75.0 | 20.0 | -- | EP307R3 | 180M-4 | OK | PAGE 130 |
| 18.9 | 8512 | 1.57 | 74.1 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 18.9 | 8488 | 2.00 | 73.9 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 18.9 | 8488 | 2.85 | 73.9 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 20.5 | 7825 | 2.38 | 68.1 | 40.0 | -- | EP311R3 | 180M-4 | OK | PAGE 160 |
| 20.8 | 7724 | 0.95 | 67.3 | 20.0 | -- | EP307R3 | 180M-4 | OK | PAGE 130 |
| 21.0 | 7651 | 2.85 | 66.6 | 40.0 | -- | EP313R3 | 180M-4 | OK | PAGE 170 |
| 21.2 | 7579 | 2.38 | 66.0 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 21.7 | 7410 | 3.09 | 64.5 | 18.0 | EP313L3 | -- | 180M-4 | NO ! | PAGE 170 |
| 22.1 | 7270 | 1.76 | 63.3 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 22.4 | 7182 | 1.19 | 62.5 | 11.0 | EP307L3 | -- | 180M-4 | NO ! | PAGE 130 |
| 22.4 | 7182 | 1.57 | 62.5 | 11.0 | EP309L3 | -- | 180M-4 | NO ! | PAGE 140 |
| 24.7 | 6507 | 2.38 | 56.7 | 18.0 | EP310L3 | -- | 180M-4 | NO ! | PAGE 150 |
| 24.8 | 6473 | 1.05 | 56.4 | 20.0 | -- | EP307R3 | 180M-4 | OK | PAGE 130 |
| 25.6 | 6270 | 1.33 | 54.6 | 11.0 | EP307L3 | -- | 180M-4 | NO ! | PAGE 130 |
| 25.6 | 6270 | 1.71 | 54.6 | 11.0 | EP309L3 | -- | 180M-4 | NO ! | PAGE 140 |
| 26.1 | 6165 | 1.95 | 53.7 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 26.4 | 6097 | 2.85 | 53.1 | 40.0 | -- | EP311R3 | 180M-4 | OK | PAGE 160 |
| 27.2 | 5905 | 2.85 | 51.4 | 18.0 | EP311L3 | -- | 180M-4 | NO ! | PAGE 160 |
| 27.6 | 5816 | 0.90 | 50.6 | 14.0 | -- | EP306R3 | 180M-4 | NO ! | PAGE 120 |
| 29.0 | 5735 | 2.47 | 48.3 | 22.0 | EP310L2 | -- | 180M-4 | OK | PAGE 150 |
| 29.6 | 5438 | 1.19 | 47.4 | 20.0 | -- | EP307R3 | 180M-4 | OK | PAGE 130 |
| 31.0 | 5179 | 2.14 | 45.1 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 32.6 | 4932 | 1.09 | 43.0 | 14.0 | -- | EP306R3 | 180M-4 | NO ! | PAGE 120 |
| 32.9 | 4886 | 2.00 | 42.5 | 11.0 | EP309L3 | -- | 180M-4 | NO ! | PAGE 140 |
| 33.0 | 5039 | 1.47 | 42.5 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 33.0 | 5039 | 1.93 | 42.5 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 33.9 | 4747 | 1.05 | 41.3 | 20.0 | -- | EP309R3 | 180M-4 | OK | PAGE 140 |
| 35.3 | 4548 | 2.14 | 39.6 | 20.0 | -- | EP310R3 | 180M-4 | OK | PAGE 150 |
| 35.5 | 4679 | 2.95 | 39.4 | 22.0 | EP310L2 | -- | 180M-4 | OK | PAGE 150 |
| 38.8 | 4143 | 1.28 | 36.1 | 14.0 | -- | EP306R3 | 180M-4 | NO ! | PAGE 120 |
| 39.1 | 4246 | 1.70 | 35.8 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 39.1 | 4246 | 2.62 | 35.8 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 43.5 | 3699 | 1.19 | 32.2 | 20.0 | -- | EP309R3 | 180M-4 | OK | PAGE 140 |
| 43.5 | 3699 | 1.43 | 32.2 | 20.0 | -- | EP307R3 | 180M-4 | OK | PAGE 130 |
| 47.9 | 3469 | 2.07 | 29.3 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 47.9 | 3469 | 2.76 | 29.3 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 50.6 | 3176 | 1.66 | 27.7 | 14.0 | -- | EP306R3 | 180M-4 | NO ! | PAGE 120 |
| 53.3 | 3114 | 2.30 | 26.3 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 53.3 | 3114 | 2.76 | 26.3 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 59.4 | 2798 | 1.93 | 23.6 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 59.4 | 2798 | 2.07 | 23.6 | 35.0 | -- | EP309R2 | 180M-4 | OK | PAGE 140 |



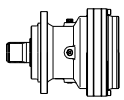
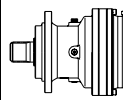
EP300 series gear motor

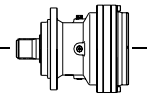
P1=18.5KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|-----------------------------|---|------------------------------------|
| 63.6 | 2609 | 2.53 | 22.0 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 63.6 | 2609 | 2.76 | 22.0 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 70.4 | 2357 | 2.07 | 19.9 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 70.4 | 2357 | 2.07 | 19.9 | 35.0 | -- | EP309R2 | 180M-4 | OK | PAGE 140 |
| 75.8 | 2192 | 2.76 | 18.5 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 75.8 | 2192 | 2.76 | 18.5 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 77.0 | 2155 | 1.61 | 18.2 | 18.0 | -- | EP306R2 | 180M-4 | NO ! | PAGE 120 |
| 84.0 | 1976 | 2.30 | 16.7 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 84.0 | 1976 | 2.30 | 16.7 | 35.0 | -- | EP309R2 | 180M-4 | OK | PAGE 140 |
| 86.8 | 1914 | 2.76 | 16.1 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 86.8 | 1914 | 2.76 | 16.1 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 86.8 | 1914 | 2.76 | 16.1 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 94.4 | 1759 | 1.61 | 14.8 | 18.0 | -- | EP306R2 | 180M-4 | NO ! | PAGE 120 |
| 98.1 | 1693 | 0.87 | 14.3 | 18.0 | -- | EP303R2 | 180M-4 | NO ! | PAGE 100 |
| 98.1 | 1693 | 0.87 | 14.3 | 18.0 | -- | EP305R2 | 180M-4 | NO ! | PAGE 110 |
| 108 | 1540 | 2.76 | 13.0 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 108 | 1540 | 2.76 | 13.0 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 108 | 1540 | 2.76 | 13.0 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 108 | 1540 | 2.76 | 13.0 | 35.0 | -- | EP307R2 | 180M-4 | OK | PAGE 130 |
| 108 | 1540 | 2.76 | 13.0 | 35.0 | -- | EP309R2 | 180M-4 | OK | PAGE 140 |
| 109 | 1520 | 1.24 | 12.8 | 18.0 | -- | EP303R2 | 180M-4 | NO ! | PAGE 100 |
| 109 | 1520 | 1.24 | 12.8 | 18.0 | -- | EP305R2 | 180M-4 | NO ! | PAGE 110 |
| 111 | 1502 | 1.61 | 12.7 | 18.0 | -- | EP306R2 | 180M-4 | NO ! | PAGE 120 |
| 111 | 1491 | 2.76 | 12.6 | 18.0 | EP307L2 | -- | 180M-4 | NO ! | PAGE 130 |
| 111 | 1491 | 2.76 | 12.6 | 18.0 | EP309L2 | -- | 180M-4 | NO ! | PAGE 140 |
| 130 | 1277 | 1.61 | 10.8 | 18.0 | -- | EP303R2 | 180M-4 | NO ! | PAGE 100 |
| 130 | 1277 | 1.61 | 10.8 | 18.0 | -- | EP305R2 | 180M-4 | NO ! | PAGE 110 |
| 130 | 1274 | 1.61 | 10.7 | 18.0 | -- | EP306R2 | 180M-4 | NO ! | PAGE 120 |
| 148 | 1119 | 1.61 | 9.4 | 18.0 | -- | EP306R2 | 180M-4 | NO ! | PAGE 120 |
| 149 | 1114 | 1.61 | 9.4 | 18.0 | -- | EP303R2 | 180M-4 | NO ! | PAGE 100 |
| 149 | 1114 | 1.61 | 9.4 | 18.0 | -- | EP305R2 | 180M-4 | NO ! | PAGE 110 |
| 197 | 868 | 3.12 | 7.1 | 18.0 | EP306L1 | -- | 180M-4 | NO ! | PAGE 120 |
| 205 | 835 | 2.23 | 6.8 | 13.0 | EP305L1 | -- | 180M-4 | NO ! | PAGE 110 |
| 251 | 682 | 2.67 | 5.6 | 13.0 | EP305L1 | -- | 180M-4 | NO ! | PAGE 110 |
| 280 | 612 | 2.67 | 5.0 | 13.0 | EP305L1 | -- | 180M-4 | NO ! | PAGE 110 |
| 333 | 514 | 2.67 | 4.2 | 13.0 | EP305L1 | -- | 180M-4 | NO ! | PAGE 110 |
| 382 | 449 | 2.67 | 3.7 | 13.0 | EP305L1 | -- | 180M-4 | NO ! | PAGE 110 |

EP300 series gear motor

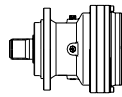
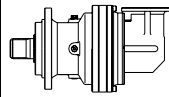
P1=22KW n1=1400 min⁻¹

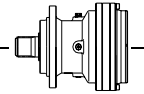
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|-----------------------------|---|------------------------------------|
| 1.8 | 101889 | 1.16 | 772 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 2.2 | 85887 | 0.87 | 650 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 2.2 | 85851 | 1.36 | 650 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 2.2 | 84040 | 0.95 | 636 | 18.0 | EP315L4 | -- | 180L-4 | NO ! | PAGE 180 |
| 2.6 | 71951 | 1.65 | 545 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |



EP300 series gear motor

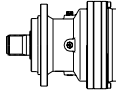
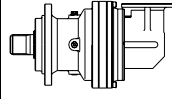
P1=22KW n1=1400 min⁻¹

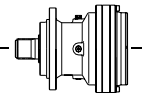
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 2.6 | 71773 | 1.07 | 544 | 18.0 | EP315L4 | -- | 180L-4 | NO ! | PAGE 180 |
| 2.6 | 70078 | 0.95 | 531 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 3.0 | 60991 | 1.07 | 462 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 3.0 | 60868 | 1.24 | 461 | 18.0 | EP315L4 | -- | 180L-4 | NO ! | PAGE 180 |
| 3.0 | 60625 | 1.86 | 459 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 3.6 | 51391 | 1.32 | 389 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 3.6 | 51129 | 1.45 | 387 | 18.0 | EP315L4 | -- | 180L-4 | NO ! | PAGE 180 |
| 3.6 | 50810 | 2.15 | 385 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 3.6 | 50725 | 0.87 | 384 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 4.1 | 45522 | 0.95 | 345 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 4.2 | 44545 | 2.07 | 337 | 18.0 | EP315L4 | -- | 180L-4 | NO ! | PAGE 180 |
| 4.3 | 43070 | 1.78 | 326 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 4.6 | 41134 | 1.49 | 301 | 30.0 | EP315L3 | -- | 180L-4 | OK | PAGE 180 |
| 4.7 | 39592 | 2.48 | 300 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 4.8 | 38152 | 1.12 | 289 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 5.0 | 37306 | 0.85 | 283 | 22.0 | -- | EP311R4 | 180L-4 | OK | PAGE 160 |
| 5.0 | 36783 | 2.07 | 279 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 5.4 | 35252 | 1.24 | 258 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 5.5 | 34660 | 1.96 | 254 | 30.0 | EP315L3 | -- | 180L-4 | OK | PAGE 180 |
| 5.8 | 32048 | 1.28 | 243 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 5.9 | 31266 | 0.95 | 237 | 22.0 | -- | EP311R4 | 180L-4 | OK | PAGE 160 |
| 5.9 | 31195 | 2.48 | 236 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 6.0 | 30851 | 3.10 | 234 | 45.0 | -- | EP316R4 | 180L-4 | OK | PAGE 190 |
| 6.3 | 30455 | 0.88 | 223 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 6.4 | 29730 | 1.44 | 218 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 6.6 | 27978 | 1.45 | 212 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 6.8 | 28280 | 2.33 | 207 | 30.0 | EP315L3 | -- | 180L-4 | OK | PAGE 180 |
| 6.9 | 27831 | 2.33 | 204 | 30.0 | EP316L3 | -- | 180L-4 | OK | PAGE 190 |
| 7.0 | 26263 | 1.07 | 199 | 22.0 | -- | EP311R4 | 180L-4 | OK | PAGE 160 |
| 7.1 | 26204 | 2.89 | 198 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 7.4 | 25013 | 1.45 | 189 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 7.4 | 25661 | 1.00 | 188 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 7.6 | 25050 | 1.60 | 183 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 7.8 | 24613 | 2.56 | 180 | 30.0 | EP315L3 | -- | 180L-4 | OK | PAGE 180 |
| 8.1 | 22928 | 1.20 | 174 | 22.0 | -- | EP311R4 | 180L-4 | OK | PAGE 160 |
| 8.1 | 22829 | 3.31 | 173 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 8.2 | 23451 | 2.56 | 172 | 30.0 | EP316L3 | -- | 180L-4 | OK | PAGE 190 |
| 8.5 | 21837 | 1.45 | 165 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 8.7 | 22008 | 0.88 | 161 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 9.0 | 20465 | 1.32 | 155 | 22.0 | -- | EP311R4 | 180L-4 | OK | PAGE 160 |
| 9.1 | 20969 | 1.12 | 154 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 9.2 | 20739 | 3.03 | 152 | 30.0 | EP315L3 | -- | 180L-4 | OK | PAGE 180 |
| 9.2 | 20048 | 3.31 | 152 | 40.0 | -- | EP315R4 | 180L-4 | OK | PAGE 180 |
| 9.3 | 20470 | 1.80 | 150 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 9.7 | 19751 | 0.96 | 145 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 9.8 | 19573 | 1.60 | 143 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 10.2 | 18818 | 1.20 | 138 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 10.4 | 18370 | 2.00 | 135 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 10.9 | 17015 | 1.45 | 129 | 22.0 | -- | EP313R4 | 180L-4 | OK | PAGE 170 |
| 11.3 | 16989 | 3.50 | 124 | 75.0 | -- | EP315R3 | 180L-4 | OK | PAGE 180 |
| 11.3 | 16910 | 1.40 | 124 | 40.0 | -- | EP311R3 | 180L-4 | OK | PAGE 160 |



EP300 series gear motor

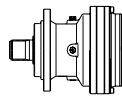
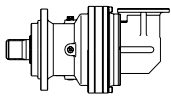
P1=22KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 11.3 | 16868 | 1.12 | 124 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 11.6 | 16507 | 1.80 | 121 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 12.1 | 15772 | 1.40 | 116 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 12.4 | 15396 | 2.20 | 113 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 13.4 | 14305 | 1.28 | 105 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 13.4 | 14248 | 1.60 | 104 | 40.0 | -- | EP311R3 | 180L-4 | OK | PAGE 160 |
| 13.7 | 13909 | 2.00 | 102 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 14.4 | 13248 | 1.52 | 97.0 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 14.8 | 12933 | 2.20 | 94.7 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 15.9 | 12016 | 1.48 | 88.0 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 16.0 | 11941 | 1.80 | 87.5 | 40.0 | -- | EP311R3 | 180L-4 | OK | PAGE 160 |
| 16.2 | 11788 | 1.08 | 86.3 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 16.4 | 11657 | 2.40 | 85.4 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 16.5 | 11566 | 1.68 | 84.7 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 16.9 | 11290 | 2.32 | 82.7 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 17.0 | 11215 | 1.12 | 82.1 | 11.0 | EP309L3 | -- | 180L-4 | NO ! | PAGE 140 |
| 18.5 | 10323 | 1.84 | 75.6 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 18.9 | 10122 | 1.32 | 74.1 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 18.9 | 10094 | 1.68 | 73.9 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 18.9 | 10094 | 2.40 | 73.9 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 20.5 | 9305 | 2.00 | 68.1 | 40.0 | -- | EP311R3 | 180L-4 | OK | PAGE 160 |
| 21.0 | 9098 | 2.40 | 66.6 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 21.2 | 9012 | 2.00 | 66.0 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 21.7 | 8812 | 2.60 | 64.5 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 22.1 | 8645 | 1.48 | 63.3 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 22.4 | 8541 | 1.00 | 62.5 | 11.0 | EP307L3 | -- | 180L-4 | NO ! | PAGE 130 |
| 22.4 | 8541 | 1.32 | 62.5 | 11.0 | EP309L3 | -- | 180L-4 | NO ! | PAGE 140 |
| 24.7 | 7739 | 2.00 | 56.7 | 18.0 | EP310L3 | -- | 180L-4 | NO ! | PAGE 150 |
| 24.8 | 7698 | 0.88 | 56.4 | 20.0 | -- | EP307R3 | 180L-4 | NO ! | PAGE 130 |
| 25.6 | 7456 | 1.12 | 54.6 | 11.0 | EP307L3 | -- | 180L-4 | NO ! | PAGE 130 |
| 25.6 | 7456 | 1.44 | 54.6 | 11.0 | EP309L3 | -- | 180L-4 | NO ! | PAGE 140 |
| 26.1 | 7331 | 1.64 | 53.7 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 26.4 | 7251 | 2.40 | 53.1 | 40.0 | -- | EP311R3 | 180L-4 | OK | PAGE 160 |
| 27.0 | 7089 | 2.80 | 51.9 | 40.0 | -- | EP313R3 | 180L-4 | OK | PAGE 170 |
| 27.2 | 7023 | 2.40 | 51.4 | 18.0 | EP311L3 | -- | 180L-4 | NO ! | PAGE 160 |
| 27.8 | 6867 | 3.20 | 50.3 | 18.0 | EP313L3 | -- | 180L-4 | NO ! | PAGE 170 |
| 29.0 | 6819 | 2.08 | 48.3 | 22.0 | EP310L2 | -- | 180L-4 | OK | PAGE 150 |
| 29.6 | 6466 | 1.00 | 47.4 | 20.0 | -- | EP307R3 | 180L-4 | NO ! | PAGE 130 |
| 31.0 | 6158 | 1.80 | 45.1 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 32.9 | 5810 | 1.68 | 42.5 | 11.0 | EP309L3 | -- | 180L-4 | NO ! | PAGE 140 |
| 33.0 | 5992 | 1.24 | 42.5 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 33.0 | 5992 | 1.62 | 42.5 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 35.3 | 5408 | 1.80 | 39.6 | 20.0 | -- | EP310R3 | 180L-4 | NO ! | PAGE 150 |
| 35.5 | 5564 | 2.48 | 39.4 | 22.0 | EP310L2 | -- | 180L-4 | OK | PAGE 150 |
| 36.1 | 5476 | 3.61 | 38.8 | 25.0 | EP311L2 | -- | 180L-4 | OK | PAGE 160 |
| 39.1 | 5049 | 1.43 | 35.8 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 39.1 | 5049 | 2.21 | 35.8 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 41.6 | 4752 | 2.93 | 33.7 | 22.0 | EP310L2 | -- | 180L-4 | OK | PAGE 150 |
| 43.5 | 4399 | 1.00 | 32.2 | 20.0 | -- | EP309R3 | 180L-4 | NO ! | PAGE 140 |
| 43.5 | 4399 | 1.20 | 32.2 | 20.0 | -- | EP307R3 | 180L-4 | NO ! | PAGE 130 |
| 47.9 | 4126 | 1.74 | 29.3 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |



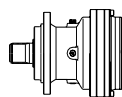
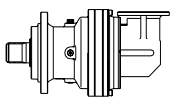
EP300 series gear motor

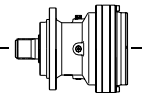
P1=22KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 47.9 | 4126 | 2.32 | 29.3 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 48.4 | 4080 | 3.16 | 28.9 | 22.0 | EP310L2 | -- | 180L-4 | OK | PAGE 150 |
| 53.3 | 3703 | 1.93 | 26.3 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 53.3 | 3703 | 2.32 | 26.3 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 56.7 | 3485 | 3.38 | 24.7 | 22.0 | EP310L2 | -- | 180L-4 | OK | PAGE 150 |
| 59.4 | 3327 | 1.62 | 23.6 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 59.4 | 3327 | 1.74 | 23.6 | 35.0 | -- | EP309R2 | 180L-4 | OK | PAGE 140 |
| 63.6 | 3103 | 2.13 | 22.0 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 63.6 | 3103 | 2.32 | 22.0 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 70.4 | 2803 | 1.74 | 19.9 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 70.4 | 2803 | 1.74 | 19.9 | 35.0 | -- | EP309R2 | 180L-4 | OK | PAGE 140 |
| 75.8 | 2607 | 2.32 | 18.5 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 75.8 | 2607 | 2.32 | 18.5 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 84.0 | 2350 | 1.93 | 16.7 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 84.0 | 2350 | 1.93 | 16.7 | 35.0 | -- | EP309R2 | 180L-4 | OK | PAGE 140 |
| 86.8 | 2276 | 2.32 | 16.1 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 86.8 | 2276 | 2.32 | 16.1 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 86.8 | 2276 | 2.32 | 16.1 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 108 | 1831 | 2.32 | 13.0 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 108 | 1831 | 2.32 | 13.0 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 108 | 1831 | 2.32 | 13.0 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 108 | 1831 | 2.32 | 13.0 | 35.0 | -- | EP307R2 | 180L-4 | OK | PAGE 130 |
| 108 | 1831 | 2.32 | 13.0 | 35.0 | -- | EP309R2 | 180L-4 | OK | PAGE 140 |
| 111 | 1773 | 2.32 | 12.6 | 18.0 | EP307L2 | -- | 180L-4 | NO ! | PAGE 130 |
| 111 | 1773 | 2.32 | 12.6 | 18.0 | EP309L2 | -- | 180L-4 | NO ! | PAGE 140 |
| 197 | 1032 | 2.62 | 7.1 | 18.0 | EP306L1 | -- | 180L-4 | NO ! | PAGE 120 |
| 242 | 842 | 3.28 | 5.8 | 18.0 | EP306L1 | -- | 180L-4 | NO ! | PAGE 120 |
| 283 | 719 | 3.28 | 4.9 | 18.0 | EP306L1 | -- | 180L-4 | NO ! | PAGE 120 |
| 334 | 610 | 3.28 | 4.2 | 18.0 | EP306L1 | -- | 180L-4 | NO ! | PAGE 120 |
| 380 | 536 | 3.28 | 3.7 | 18.0 | EP306L1 | -- | 180L-4 | NO ! | PAGE 120 |

EP300 series gear motor

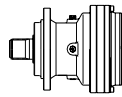
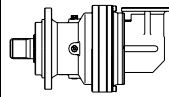
P1=30KW n1=1400 min⁻¹

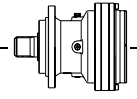
| n₂ (min ⁻¹) | M₂ (N.m) | S | I i: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 1.8 | 138939 | 0.85 | 772 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 2.2 | 117069 | 1.00 | 650 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 2.6 | 98115 | 1.21 | 545 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 3.0 | 82671 | 1.36 | 459 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 3.6 | 70078 | 0.97 | 389 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 3.6 | 69286 | 1.58 | 385 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 4.3 | 58732 | 1.30 | 326 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 4.6 | 56092 | 1.09 | 301 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 4.7 | 53989 | 1.82 | 300 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 5.0 | 50159 | 1.52 | 279 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 5.5 | 47263 | 1.44 | 254 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 5.9 | 42539 | 1.82 | 236 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |



EP300 series gear motor

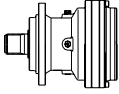
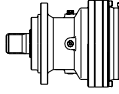
P1=30KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 6.0 | 42069 | 2.27 | 234 | 45.0 | -- | EP316R4 | 200L-4 | OK | PAGE 190 |
| 6.8 | 38564 | 1.71 | 207 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 6.9 | 37952 | 1.71 | 204 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 7.1 | 35732 | 2.12 | 198 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 7.8 | 33563 | 1.88 | 180 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 8.1 | 31131 | 2.42 | 173 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 8.2 | 31978 | 1.88 | 172 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 9.2 | 28280 | 2.22 | 152 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 9.2 | 27338 | 2.42 | 152 | 40.0 | -- | EP315R4 | 200L-4 | OK | PAGE 180 |
| 9.7 | 26801 | 3.08 | 144 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 9.8 | 26691 | 1.17 | 143 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 11.0 | 23701 | 2.74 | 127 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 11.3 | 23166 | 2.56 | 124 | 75.0 | -- | EP315R3 | 200L-4 | OK | PAGE 180 |
| 11.3 | 23059 | 1.03 | 124 | 40.0 | -- | EP311R3 | 200L-4 | OK | PAGE 160 |
| 11.5 | 22582 | 3.42 | 121 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 11.6 | 22510 | 1.32 | 121 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 12.9 | 20242 | 3.08 | 109 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 13.4 | 19520 | 3.08 | 105 | 75.0 | -- | EP315R3 | 200L-4 | OK | PAGE 180 |
| 13.4 | 19429 | 1.17 | 104 | 40.0 | -- | EP311R3 | 200L-4 | OK | PAGE 160 |
| 13.7 | 18967 | 1.47 | 102 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 13.8 | 18926 | 3.42 | 102 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 15.2 | 17166 | 3.42 | 92.2 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 16.0 | 16284 | 1.32 | 87.5 | 40.0 | -- | EP311R3 | 200L-4 | OK | PAGE 160 |
| 16.4 | 15896 | 1.76 | 85.4 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 17.7 | 14747 | 3.42 | 79 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 18.1 | 14420 | 3.42 | 77.4 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 20.5 | 12689 | 1.47 | 68.1 | 40.0 | -- | EP311R3 | 200L-4 | OK | PAGE 160 |
| 20.8 | 12563 | 3.42 | 67.5 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 21.0 | 12407 | 1.76 | 66.6 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 22.7 | 11492 | 3.42 | 62 | 30.0 | EP316L3 | -- | 200L-4 | OK | PAGE 190 |
| 23.6 | 11032 | 3.42 | 59.2 | 30.0 | EP315L3 | -- | 200L-4 | OK | PAGE 180 |
| 26.4 | 9887 | 1.76 | 53.1 | 40.0 | -- | EP311R3 | 200L-4 | OK | PAGE 160 |
| 27.0 | 9667 | 2.05 | 51.9 | 40.0 | -- | EP313R3 | 200L-4 | OK | PAGE 170 |
| 29.0 | 9299 | 1.52 | 48.3 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 33.0 | 8171 | 0.91 | 42.5 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 33.0 | 8171 | 1.19 | 42.5 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 35.5 | 7588 | 1.82 | 39.4 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 36.1 | 7467 | 2.65 | 38.8 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 39.1 | 6885 | 1.05 | 35.8 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 39.1 | 6885 | 1.62 | 35.8 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 41.6 | 6480 | 2.15 | 33.7 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 42.8 | 6292 | 2.98 | 32.7 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 43.5 | 5998 | 0.88 | 32.2 | 20.0 | -- | EP307R3 | 200L-4 | NO ! | PAGE 130 |
| 47.9 | 5626 | 1.28 | 29.3 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 47.9 | 5626 | 1.70 | 29.3 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 48.4 | 5564 | 2.32 | 28.9 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 50.8 | 5301 | 3.31 | 27.6 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 53.3 | 5049 | 1.42 | 26.3 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 53.3 | 5049 | 1.70 | 26.3 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 56.7 | 4752 | 2.48 | 24.7 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 59.4 | 4537 | 1.19 | 23.6 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |



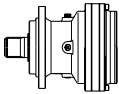
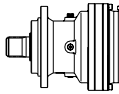
EP300 series gear motor

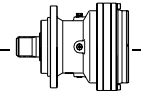
P1=30KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 59.4 | 4537 | 1.28 | 23.6 | 35.0 | -- | EP309R2 | 200L-4 | OK | PAGE 140 |
| 60.6 | 4443 | 3.31 | 23.1 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 63.6 | 4232 | 1.56 | 22.0 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 63.6 | 4232 | 1.70 | 22.0 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 66.8 | 4030 | 2.65 | 21.0 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 70.4 | 3823 | 1.28 | 19.9 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 70.4 | 3823 | 1.28 | 19.9 | 35.0 | -- | EP309R2 | 200L-4 | OK | PAGE 140 |
| 75.8 | 3555 | 1.70 | 18.5 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 75.8 | 3555 | 1.70 | 18.5 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 77.8 | 3462 | 3.31 | 18.0 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 79.5 | 3385 | 2.98 | 17.6 | 22.0 | EP310L2 | -- | 200L-4 | NO ! | PAGE 150 |
| 84.0 | 3204 | 1.42 | 16.7 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 84.0 | 3204 | 1.42 | 16.7 | 35.0 | -- | EP309R2 | 200L-4 | OK | PAGE 140 |
| 86.8 | 3103 | 1.70 | 16.1 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 86.8 | 3103 | 1.70 | 16.1 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 86.8 | 3103 | 1.70 | 16.1 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 99.8 | 2698 | 3.31 | 14.0 | 25.0 | EP311L2 | -- | 200L-4 | NO ! | PAGE 160 |
| 108 | 2497 | 1.70 | 13.0 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 108 | 2497 | 1.70 | 13.0 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 108 | 2497 | 1.70 | 13.0 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 108 | 2497 | 1.70 | 13.0 | 35.0 | -- | EP307R2 | 200L-4 | OK | PAGE 130 |
| 108 | 2497 | 1.70 | 13.0 | 35.0 | -- | EP309R2 | 200L-4 | OK | PAGE 140 |
| 111 | 2418 | 1.70 | 12.6 | 18.0 | EP307L2 | -- | 200L-4 | NO ! | PAGE 130 |
| 111 | 2418 | 1.70 | 12.6 | 18.0 | EP309L2 | -- | 200L-4 | NO ! | PAGE 140 |
| 225 | 1237 | 3.21 | 6.2 | 22.0 | EP307L1 | -- | 200L-4 | NO ! | PAGE 130 |
| 267 | 1042 | 3.21 | 5.3 | 22.0 | EP307L1 | -- | 200L-4 | NO ! | PAGE 130 |
| 318 | 873 | 3.21 | 4.4 | 22.0 | EP307L1 | -- | 200L-4 | NO ! | PAGE 130 |
| 408 | 681 | 3.21 | 3.4 | 22.0 | EP307L1 | -- | 200L-4 | NO ! | PAGE 130 |

EP300 series gear motor

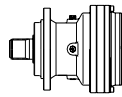
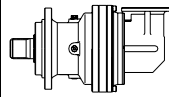
P1=37KW n1=1400 min⁻¹

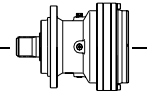
| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 2.6 | 121008 | 0.98 | 545 | 45.0 | -- | EP316R4 | 225S-4 | OK | PAGE 190 |
| 3.0 | 101961 | 1.11 | 459 | 45.0 | -- | EP316R4 | 225S-4 | OK | PAGE 190 |
| 3.6 | 85453 | 1.28 | 385 | 45.0 | -- | EP316R4 | 225S-4 | OK | PAGE 190 |
| 4.3 | 72437 | 1.06 | 326 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 4.6 | 69181 | 0.89 | 301 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 4.7 | 66587 | 1.47 | 300 | 45.0 | -- | EP316R4 | 225S-4 | OK | PAGE 190 |
| 5.0 | 61863 | 1.23 | 279 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 5.5 | 58291 | 1.16 | 254 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 5.9 | 52464 | 1.47 | 236 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 6.0 | 51886 | 1.84 | 234 | 45.0 | -- | EP316R4 | 225S-4 | OK | PAGE 190 |
| 6.8 | 47562 | 1.39 | 207 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 6.9 | 46808 | 1.39 | 204 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 7.1 | 44070 | 1.72 | 198 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 7.8 | 41394 | 1.52 | 180 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |



EP300 series gear motor

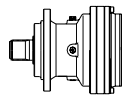
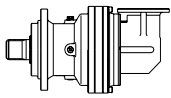
P1=37KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I I: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 8.1 | 38394 | 1.97 | 173 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 8.2 | 39440 | 1.52 | 172 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 9.2 | 34879 | 1.80 | 152 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 9.2 | 33717 | 1.97 | 152 | 40.0 | -- | EP315R4 | 225S-4 | OK | PAGE 180 |
| 9.7 | 33054 | 2.49 | 144 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 9.8 | 32919 | 0.95 | 143 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 11.0 | 29232 | 2.22 | 127 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 11.3 | 28572 | 2.08 | 124 | 75.0 | -- | EP315R3 | 225S-4 | OK | PAGE 180 |
| 11.5 | 27851 | 2.77 | 121 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 11.6 | 27762 | 1.07 | 121 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 12.9 | 24965 | 2.49 | 109 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 13.4 | 24074 | 2.49 | 105 | 75.0 | -- | EP315R3 | 225S-4 | OK | PAGE 180 |
| 13.4 | 23963 | 0.95 | 104 | 40.0 | -- | EP311R3 | 225S-4 | OK | PAGE 160 |
| 13.7 | 23392 | 1.19 | 102 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 13.8 | 23342 | 2.77 | 102 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 15.2 | 21172 | 2.77 | 92.2 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 15.3 | 20953 | 2.77 | 91.2 | 75.0 | -- | EP315R3 | 225S-4 | OK | PAGE 180 |
| 16.0 | 20083 | 1.07 | 87.5 | 40.0 | -- | EP311R3 | 225S-4 | OK | PAGE 160 |
| 16.4 | 19605 | 1.43 | 85.4 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 17.7 | 18189 | 2.77 | 79 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 18.1 | 17784 | 2.77 | 77.4 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 20.5 | 15649 | 1.19 | 68.1 | 40.0 | -- | EP311R3 | 225S-4 | OK | PAGE 160 |
| 20.8 | 15494 | 2.77 | 67.5 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 21.0 | 15301 | 1.43 | 66.6 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 22.7 | 14173 | 2.77 | 62 | 30.0 | EP316L3 | -- | 225S-4 | NO ! | PAGE 190 |
| 23.6 | 13607 | 2.77 | 59.2 | 30.0 | EP315L3 | -- | 225S-4 | NO ! | PAGE 180 |
| 26.4 | 12194 | 1.43 | 53.1 | 40.0 | -- | EP311R3 | 225S-4 | OK | PAGE 160 |
| 26.6 | 12106 | 2.77 | 53 | 90.0 | -- | EP316R3 | 225S-4 | OK | PAGE 190 |
| 27.0 | 11923 | 1.66 | 51.9 | 40.0 | -- | EP313R3 | 225S-4 | OK | PAGE 170 |
| 37.0 | 8982 | 2.95 | 37.9 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 43.8 | 7575 | 3.22 | 31.9 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 52.0 | 6383 | 3.49 | 26.9 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 59.4 | 5596 | 0.97 | 23.6 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 62.1 | 5349 | 3.49 | 22.6 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 70.1 | 4737 | 3.49 | 20.0 | 55.0 | -- | EP310R2 | 225S-4 | OK | PAGE 150 |
| 70.4 | 4715 | 1.04 | 19.9 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 70.4 | 4715 | 1.04 | 19.9 | 35.0 | -- | EP309R2 | 225S-4 | NO ! | PAGE 140 |
| 79.5 | 4175 | 3.49 | 17.6 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 84.0 | 3951 | 1.15 | 16.7 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 84.0 | 3951 | 1.15 | 16.7 | 35.0 | -- | EP309R2 | 225S-4 | NO ! | PAGE 140 |
| 95.6 | 3474 | 3.49 | 14.6 | 55.0 | -- | EP310R2 | 225S-4 | OK | PAGE 150 |
| 102 | 3253 | 3.49 | 13.7 | 30.0 | EP313L2 | -- | 225S-4 | NO ! | PAGE 170 |
| 108 | 3079 | 1.38 | 13.0 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 108 | 3079 | 1.38 | 13.0 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 108 | 3079 | 1.38 | 13.0 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 108 | 3079 | 1.38 | 13.0 | 35.0 | -- | EP307R2 | 225S-4 | NO ! | PAGE 130 |
| 108 | 3079 | 1.38 | 13.0 | 35.0 | -- | EP309R2 | 225S-4 | NO ! | PAGE 140 |
| 114 | 2918 | 3.49 | 12.3 | 55.0 | -- | EP310R2 | 225S-4 | OK | PAGE 150 |
| 225 | 1525 | 3.38 | 6.2 | 25.0 | EP309L1 | -- | 225S-4 | NO ! | PAGE 140 |
| 267 | 1285 | 3.38 | 5.3 | 25.0 | EP309L1 | -- | 225S-4 | NO ! | PAGE 140 |
| 318 | 1077 | 3.38 | 4.4 | 25.0 | EP309L1 | -- | 225S-4 | NO ! | PAGE 140 |

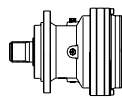
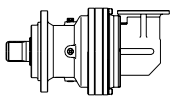


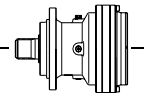
EP300 series gear motor

P1=45KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 3.0 | 124006 | 0.91 | 459 | 45.0 | -- | EP316R4 | 225M-4 | OK | PAGE 190 |
| 3.6 | 103929 | 1.05 | 385 | 45.0 | -- | EP316R4 | 225M-4 | OK | PAGE 190 |
| 4.7 | 80984 | 1.21 | 300 | 45.0 | -- | EP316R4 | 225M-4 | OK | PAGE 190 |
| 5.9 | 63808 | 1.21 | 236 | 40.0 | -- | EP315R4 | 225M-4 | NO ! | PAGE 180 |
| 6.0 | 63104 | 1.52 | 234 | 45.0 | -- | EP316R4 | 225M-4 | OK | PAGE 190 |
| 7.1 | 53599 | 1.41 | 198 | 40.0 | -- | EP315R4 | 225M-4 | NO ! | PAGE 180 |
| 8.1 | 46696 | 1.62 | 173 | 40.0 | -- | EP315R4 | 225M-4 | NO ! | PAGE 180 |
| 9.2 | 41007 | 1.62 | 152 | 40.0 | -- | EP315R4 | 225M-4 | NO ! | PAGE 180 |
| 11.3 | 34750 | 1.71 | 124 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 11.6 | 33765 | 0.88 | 121 | 40.0 | -- | EP313R3 | 225M-4 | NO ! | PAGE 170 |
| 13.4 | 29280 | 2.05 | 105 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 13.7 | 28450 | 0.98 | 102 | 40.0 | -- | EP313R3 | 225M-4 | NO ! | PAGE 170 |
| 14.6 | 26757 | 2.96 | 96 | 90.0 | -- | EP316R3 | 225M-4 | OK | PAGE 190 |
| 15.3 | 25483 | 2.28 | 91.2 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 16.4 | 23844 | 1.17 | 85.4 | 40.0 | -- | EP313R3 | 225M-4 | NO ! | PAGE 170 |
| 17.3 | 22545 | 3.42 | 81 | 90.0 | -- | EP316R3 | 225M-4 | OK | PAGE 190 |
| 18.2 | 21472 | 2.85 | 76.9 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 20.7 | 18895 | 3.42 | 68 | 90.0 | -- | EP316R3 | 225M-4 | OK | PAGE 190 |
| 21.0 | 18610 | 1.17 | 66.6 | 40.0 | -- | EP313R3 | 225M-4 | NO ! | PAGE 170 |
| 21.7 | 17995 | 3.42 | 64.4 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 25.9 | 15116 | 3.42 | 54.1 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 26.4 | 14831 | 1.17 | 53.1 | 40.0 | -- | EP311R3 | 225M-4 | NO ! | PAGE 160 |
| 26.6 | 14724 | 2.28 | 53 | 90.0 | -- | EP316R3 | 225M-4 | OK | PAGE 190 |
| 27.0 | 14501 | 1.37 | 51.9 | 40.0 | -- | EP313R3 | 225M-4 | NO ! | PAGE 170 |
| 29.7 | 13169 | 3.42 | 47.2 | 75.0 | -- | EP315R3 | 225M-4 | OK | PAGE 180 |
| 70.1 | 5761 | 2.87 | 20.0 | 55.0 | -- | EP310R2 | 225M-4 | OK | PAGE 150 |
| 73.5 | 5492 | 3.31 | 19.0 | 75.0 | -- | EP313R2 | 225M-4 | OK | PAGE 170 |
| 76.7 | 5265 | 3.31 | 18.2 | 75.0 | -- | EP311R2 | 225M-4 | OK | PAGE 160 |
| 83.7 | 4828 | 3.31 | 16.7 | 75.0 | -- | EP313R2 | 225M-4 | OK | PAGE 170 |
| 91.1 | 4436 | 3.31 | 15.4 | 75.0 | -- | EP311R2 | 225M-4 | OK | PAGE 160 |
| 95.6 | 4225 | 2.87 | 14.6 | 55.0 | -- | EP310R2 | 225M-4 | OK | PAGE 150 |
| 114 | 3549 | 2.87 | 12.3 | 55.0 | -- | EP310R2 | 225M-4 | OK | PAGE 150 |
| 117 | 3457 | 3.31 | 12.0 | 75.0 | -- | EP311R2 | 225M-4 | OK | PAGE 160 |
| 120 | 3380 | 3.31 | 11.7 | 75.0 | -- | EP313R2 | 225M-4 | OK | PAGE 170 |

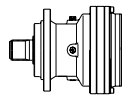
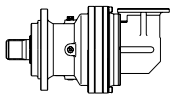
P1=55KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 11.3 | 42472 | 1.40 | 124 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 13.4 | 35786 | 1.68 | 105 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 14.6 | 32703 | 2.42 | 96 | 90.0 | -- | EP316R3 | 250M-4 | OK | PAGE 190 |
| 15.3 | 31146 | 1.86 | 91.2 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 17.3 | 27556 | 2.80 | 81 | 90.0 | -- | EP316R3 | 250M-4 | OK | PAGE 190 |
| 18.2 | 26243 | 2.33 | 76.9 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 20.7 | 23094 | 2.80 | 68 | 90.0 | -- | EP316R3 | 250M-4 | OK | PAGE 190 |
| 21.7 | 21994 | 2.80 | 64.4 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 25.9 | 18475 | 2.80 | 54.1 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |



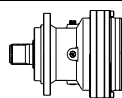
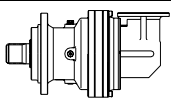
EP300 series gear motor

P1=55KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 26.6 | 17995 | 1.86 | 53 | 90.0 | -- | EP316R3 | 250M-4 | OK | PAGE 190 |
| 29.7 | 16096 | 2.80 | 47.2 | 75.0 | -- | EP315R3 | 250M-4 | OK | PAGE 180 |
| 70.1 | 7041 | 2.35 | 20.0 | 55.0 | -- | EP310R2 | 250M-4 | OK | PAGE 150 |
| 73.5 | 6713 | 2.71 | 19.0 | 75.0 | -- | EP313R2 | 250M-4 | OK | PAGE 170 |
| 76.7 | 6435 | 2.71 | 18.2 | 75.0 | -- | EP311R2 | 250M-4 | OK | PAGE 160 |
| 83.7 | 5901 | 2.71 | 16.7 | 75.0 | -- | EP313R2 | 250M-4 | OK | PAGE 170 |
| 91.1 | 5422 | 2.71 | 15.4 | 75.0 | -- | EP311R2 | 250M-4 | OK | PAGE 160 |
| 95.6 | 5164 | 2.35 | 14.6 | 55.0 | -- | EP310R2 | 250M-4 | OK | PAGE 150 |
| 114 | 4337 | 2.35 | 12.3 | 55.0 | -- | EP310R2 | 250M-4 | OK | PAGE 150 |
| 117 | 4225 | 2.71 | 12.0 | 75.0 | -- | EP311R2 | 250M-4 | OK | PAGE 160 |
| 120 | 4131 | 2.71 | 11.7 | 75.0 | -- | EP313R2 | 250M-4 | OK | PAGE 170 |

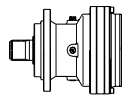
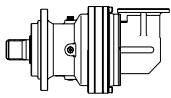
EP300 series gear motor

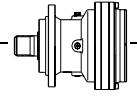
P1=75KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 11.3 | 57916 | 1.03 | 124 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 13.4 | 48800 | 1.23 | 105 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 14.6 | 44595 | 1.78 | 96 | 90.0 | -- | EP316R3 | 280S-4 | OK | PAGE 190 |
| 15.3 | 42472 | 1.37 | 91.2 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 17.3 | 37576 | 2.05 | 81 | 90.0 | -- | EP316R3 | 280S-4 | OK | PAGE 190 |
| 18.2 | 35786 | 1.71 | 76.9 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 20.7 | 31492 | 2.05 | 68 | 90.0 | -- | EP316R3 | 280S-4 | OK | PAGE 190 |
| 21.7 | 29992 | 2.05 | 64.4 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 25.9 | 25194 | 2.05 | 54.1 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 26.6 | 24539 | 1.37 | 53 | 90.0 | -- | EP316R3 | 280S-4 | OK | PAGE 190 |
| 29.7 | 21949 | 2.05 | 47.2 | 75.0 | -- | EP315R3 | 280S-4 | OK | PAGE 180 |
| 73.5 | 9154 | 1.99 | 19.0 | 75.0 | -- | EP313R2 | 280S-4 | OK | PAGE 170 |
| 76.7 | 8774 | 1.99 | 18.2 | 75.0 | -- | EP311R2 | 280S-4 | OK | PAGE 160 |
| 83.7 | 8047 | 1.99 | 16.7 | 75.0 | -- | EP313R2 | 280S-4 | OK | PAGE 170 |
| 91.1 | 7393 | 1.99 | 15.4 | 75.0 | -- | EP311R2 | 280S-4 | OK | PAGE 160 |
| 117 | 5761 | 1.99 | 12.0 | 75.0 | -- | EP311R2 | 280S-4 | OK | PAGE 160 |
| 120 | 5633 | 1.99 | 11.7 | 75.0 | -- | EP313R2 | 280S-4 | OK | PAGE 170 |

EP300 series gear motor

P1=90KW n1=1400 min⁻¹

| n₂ (min ⁻¹) | M₂ (N.m) | S | I 1: | P_t (KW) |  |  | IEC Motor type | Check Thermal Power Pt >= P1 | Dimension Page Number |
|--|-------------------------------|----------|-----------------------|------------------------------|---|---|----------------------|------------------------------------|-----------------------------|
| 14.6 | 53514 | 1.48 | 96 | 90.0 | -- | EP316R3 | 280M-4 | OK | PAGE 190 |
| 17.3 | 45091 | 1.71 | 81 | 90.0 | -- | EP316R3 | 280M-4 | OK | PAGE 190 |
| 20.7 | 37790 | 1.71 | 68 | 90.0 | -- | EP316R3 | 280M-4 | OK | PAGE 190 |
| 26.6 | 29447 | 1.14 | 53 | 90.0 | -- | EP316R3 | 280M-4 | OK | PAGE 190 |
| 73.5 | 10984 | 1.65 | 19.0 | 75.0 | -- | EP313R2 | 280M-4 | NO ! | PAGE 170 |
| 83.7 | 9656 | 1.65 | 16.7 | 75.0 | -- | EP313R2 | 280M-4 | NO ! | PAGE 170 |
| 120 | 6760 | 1.65 | 11.7 | 75.0 | -- | EP313R2 | 280M-4 | NO ! | PAGE 170 |

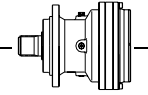


EP300L

M2'=1000N.m

| | I | Mn ₂ (N.m) | | | | | | P ₁ (KW) | P _t (KW) (t _a =20°C (n ₁ =1500) | n ₁ (min ⁻¹) | n _{1max} (min ⁻¹) | M _b (N.m) | Brake type |
|------|------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------|--|--|---|-------------------------|---------------|
| | | n ₂ .h 10000 | n ₂ .h 25000 | n ₂ .h 50000 | n ₂ .h 100000 | n ₂ .h 500000 | n ₂ .h 1000000 | | | | | | |
| L1 | 3.4 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 20 | 7.5 | 1 750 | 3 500 | 400 | 4K |
| | 4.4 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 20 | 7.5 | 1 750 | 3 500 | 330 | 4H |
| | 5.8 | 860 | 730 | 650 | 650 | 650 | 580 | 15 | 7.5 | 1 750 | 3 500 | 260 | 4F |
| | 7.2 | 700 | 600 | 550 | 550 | 550 | 510 | 11 | 7.5 | 1 750 | 3 500 | 160 | 4D |
| L2 | 11.5 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 9 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 15 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 7.5 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 19.8 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 6.2 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 25.6 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 5 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 32 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 4.1 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| | 41.5 | 860 | 730 | 650 | 650 | 650 | 580 | 2.8 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| | 51.8 | 700 | 600 | 550 | 550 | 550 | 510 | 1.9 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| | L3 | 38.8 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 3.5 | 7.5 | 1 750 | 3 500 | 50 |
| 50.9 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 2.8 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 66.1 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 2.2 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 87.8 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.7 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 108 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.4 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 114 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.3 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 142 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.1 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 185 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.85 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 230 | | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.7 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 299 | | 860 | 730 | 650 | 650 | 650 | 580 | 0.38 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 373 | 700 | 600 | 550 | 550 | 550 | 510 | 0.27 | 7.5 | 1 750 | 3 500 | 50 | 4A | |
| L4 | 297 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.54 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 386 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.42 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 476 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.35 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 501 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.33 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 625 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.27 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 650 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.26 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 780 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.23 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 853 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.21 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1024 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.17 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1108 | 860 | 730 | 650 | 650 | 650 | 580 | 0.12 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1329 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.13 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1383 | 860 | 730 | 650 | 650 | 650 | 580 | 0.11 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1659 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.11 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| | 1725 | 860 | 730 | 650 | 650 | 650 | 580 | 0.09 | 6.0 | 1 750 | 3 500 | 50 | 4A |
| 2153 | 860 | 730 | 650 | 650 | 650 | 580 | 0.07 | 6.0 | 1 750 | 3 500 | 50 | 4A | |
| 2687 | 700 | 600 | 550 | 550 | 550 | 510 | 0.04 | 6.0 | 1 750 | 3 500 | 50 | 4A | |

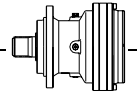
$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$



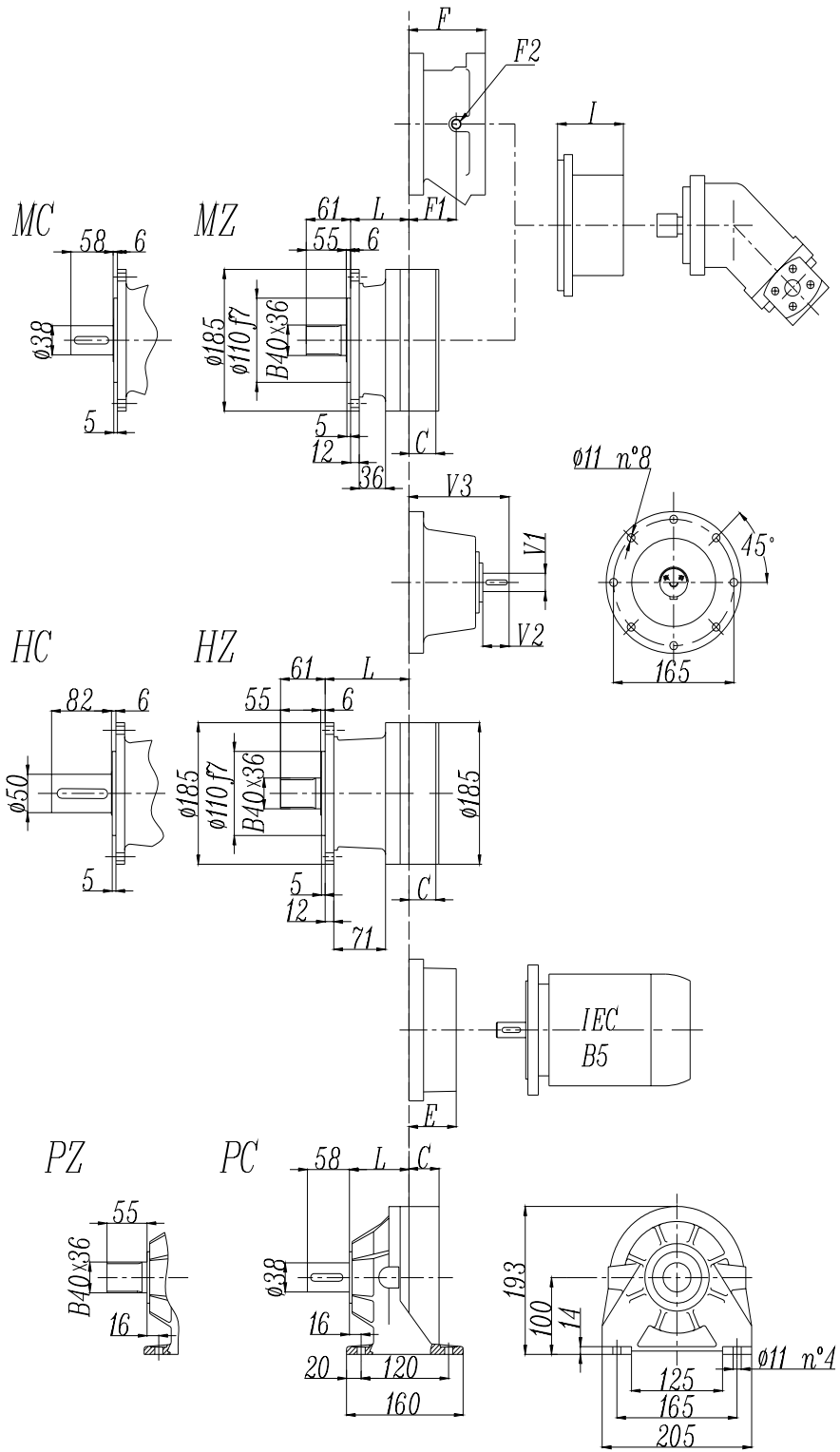
EP300R

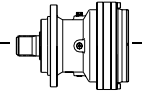
M2'=1000N.m

| | I 1: | Mn ₂ (N.m) | | | | | | P ₁ (KW) | P _t (KW) (t _a =20°C) (n ₁ =1500) | n ₁ (min ⁻¹) | n _{1max} (min ⁻¹) | M _b (N.m) | Brake type |
|--|---------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------|---|--|---|-------------------------|---------------|
| | | n ₂ .h 10000 | n ₂ .h 25000 | n ₂ .h 50000 | n ₂ .h 100000 | n ₂ .h 500000 | n ₂ .h 1000000 | | | | | | |
| R2 | 6.9 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 15 | 12 | 1 750 | 3 500 | 160 | 4D |
| | 9.1 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 15 | 12 | 1 750 | 3 500 | 160 | 4D |
| | 11.8 | 860 | 730 | 650 | 650 | 650 | 580 | 7.5 | 12 | 1 750 | 3 500 | 100 | 4B |
| | 14.8 | 700 | 600 | 550 | 550 | 550 | 510 | 5 | 12 | 1 750 | 3 500 | 100 | 4B |
| R3 | 23.5 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 5 | 12 | 1 750 | 3 500 | 100 | 4B |
| | 30.8 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 4.2 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 40.5 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 3.3 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 52.6 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 2.7 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 65.6 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 2.2 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 85.2 | 860 | 730 | 650 | 650 | 650 | 580 | 1.3 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 106 | 700 | 600 | 550 | 550 | 550 | 510 | 0.9 | 12 | 1 750 | 3 500 | 50 | 4A |
| R4 | 79.5 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.8 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 104 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.4 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 135 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 1.1 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 180 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.85 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 222 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.7 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 234 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.66 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 292 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.55 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 378 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.42 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 472 | 1 000 | 1 000 | 890 | 850 | 760 | 610 | 0.37 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 613 | 860 | 730 | 650 | 650 | 650 | 580 | 0.21 | 10 | 1 750 | 3 500 | 50 | 4A |
| 765 | 700 | 600 | 550 | 550 | 550 | 510 | 0.14 | 10 | 1 750 | 3 500 | 50 | 4A | |
| M_{2max}=1.2×Mn₂(n₂×h=10 000) | | | | | | | | | | | | | |

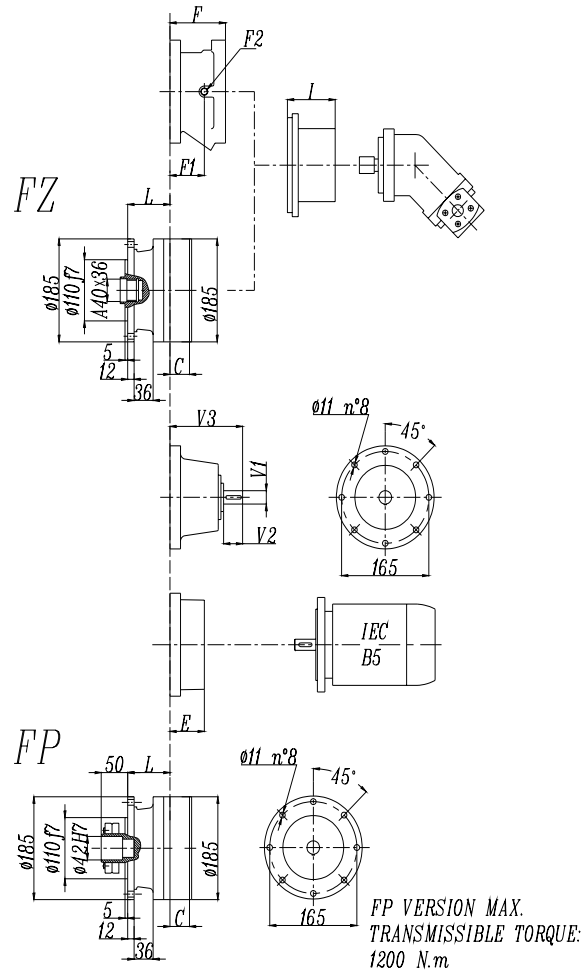


EP300L



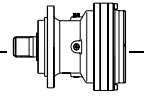


EP300L

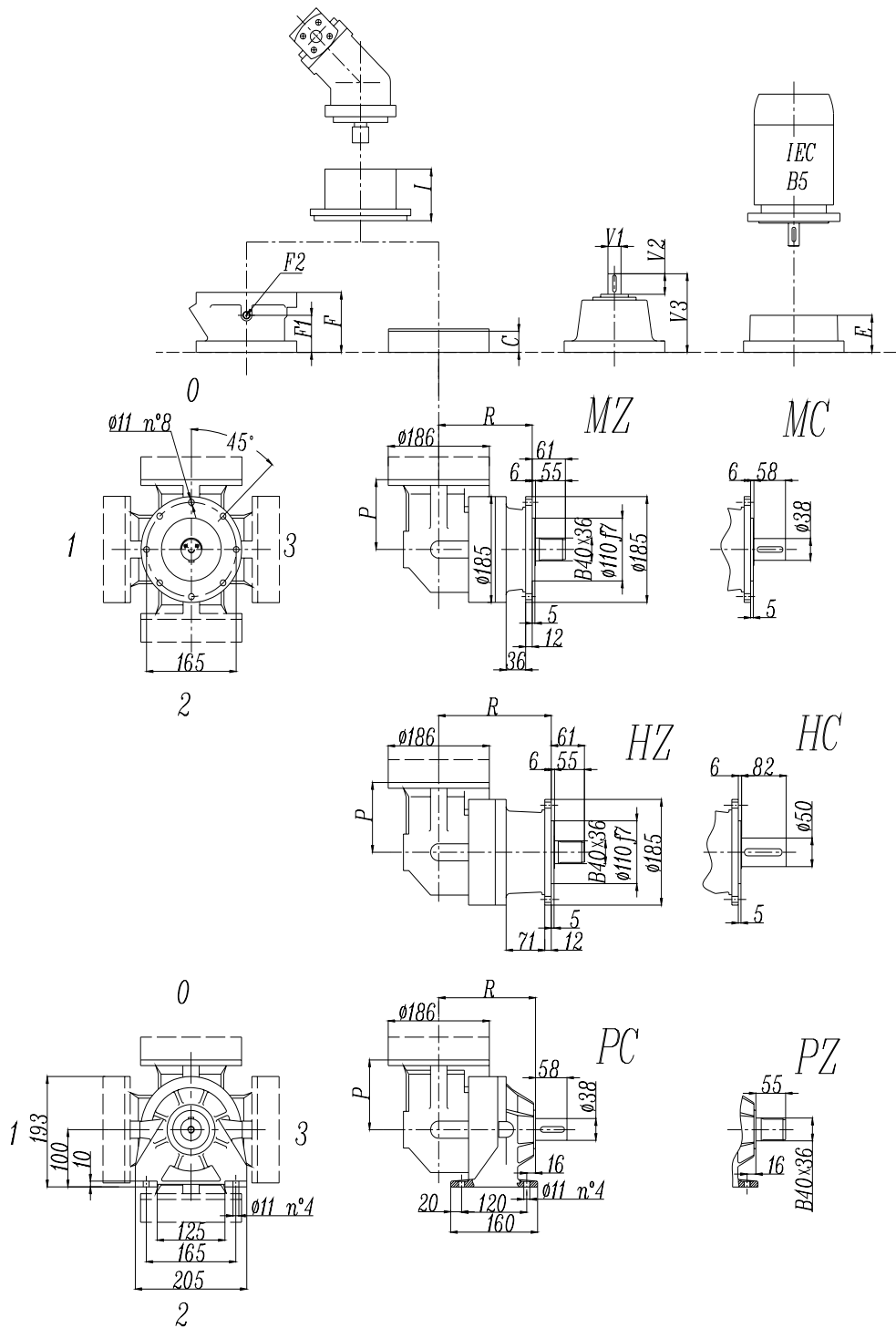


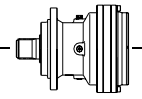
| | L | | | | Ref. weight (without input) (Kg) | | | | C | I | Brake | | | | Ref. Weight 15 Kg |
|-------|----------|----------|----------|----------|----------------------------------|----------|----------|----------|----|------------------------------|-------|----|-------|------|----------------------|
| | MZ MC | FZ FP | HZ HC | PC PZ | MZ MC | FZ FP | HZ HC | PC PZ | | | F | F1 | F2 | Type | |
| 300L1 | 80 | 80 | 115 | 86 | 18 | 16 | 20 | 23 | 37 | According to hydraulic motor | 105 | 65 | 1/4 G | 4 | |
| 300L2 | 133 | 133 | 168 | 139 | 22 | 20 | 24 | 27 | 37 | | 105 | 65 | 1/4 G | 4 | |
| 300L3 | 186 | 186 | 221 | 192 | 26 | 24 | 28 | 31 | 37 | | 105 | 65 | 1/4 G | 4 | |
| 300L4 | 239 | 239 | 274 | 245 | 30 | 28 | 32 | 35 | 37 | | 105 | 65 | 1/4 G | 4 | |

| | E (IEC motor input) | | | | | | |
|-------|---------------------|-------|-------|--------|--------|--------|--|
| | IEC71 | IEC80 | IEC90 | IEC100 | IEC112 | IEC132 | |
| 300L1 | 65 | 84 | 84 | 94 | 94 | 114 | |
| 300L2 | 65 | 84 | 84 | 94 | 94 | 114 | |
| 300L3 | 65 | 84 | 84 | 94 | 94 | 114 | |
| 300L4 | 65 | 84 | 84 | 94 | 94 | 114 | |

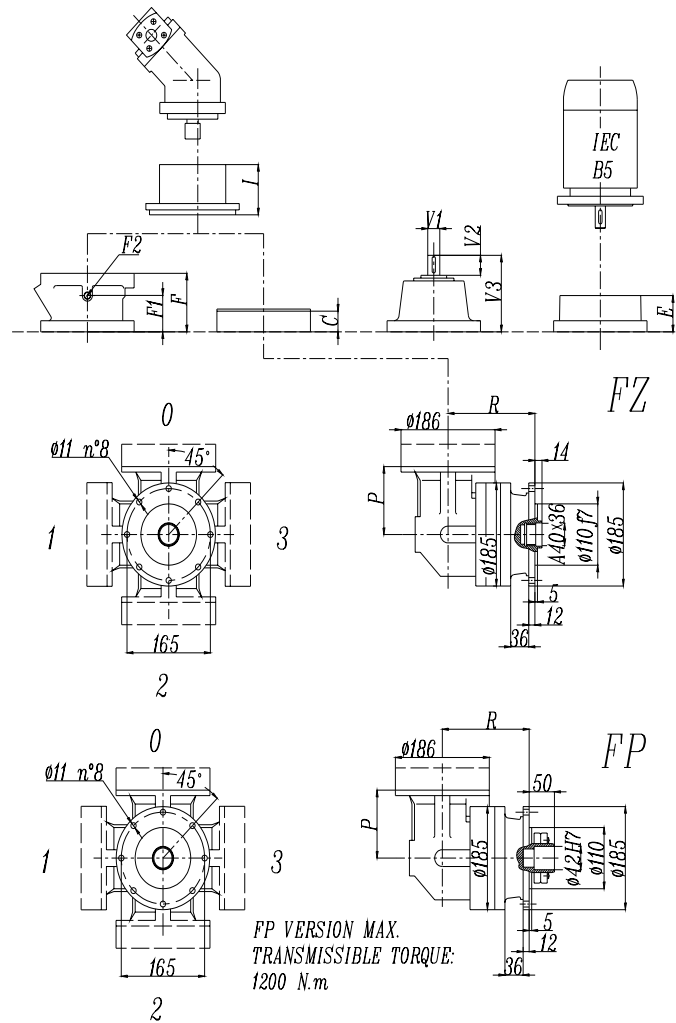


EP300R



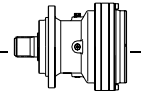


EP300R

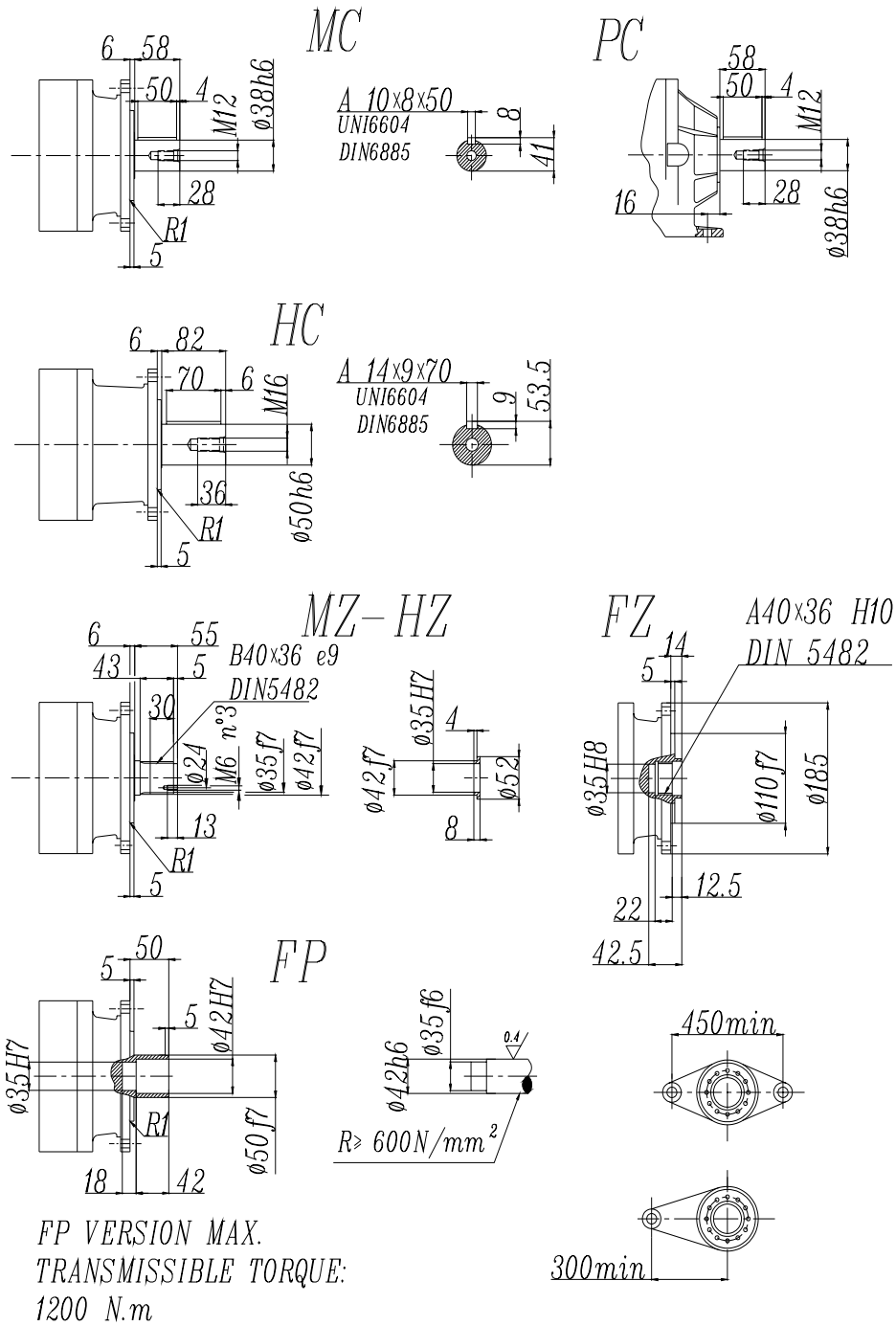


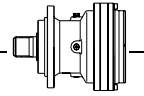
| | R | | | | Ref. weight (without input) (Kg) | | | | C | P | I | Brake | | | | |
|-------|----------|----------|----------|----------|----------------------------------|----------|----------|----------|----|-----|------------------------------|-------|----|-------|------|-------------|
| | MZ MC | FZ FP | HZ HC | PC PZ | MZ MC | FZ FP | HZ HC | PC PZ | | | | F | F1 | F2 | Type | Ref. Weight |
| 300R2 | 172 | 172 | 207 | 178 | 32 | 30 | 34 | 37 | 37 | 122 | According to hydraulic motor | 105 | 65 | 1/4 G | 4 | 15 Kg |
| 300R3 | 225 | 225 | 260 | 231 | 36 | 34 | 38 | 41 | 37 | | | 105 | 65 | 1/4 G | 4 | |
| 300R4 | 278 | 278 | 313 | 284 | 40 | 38 | 42 | 45 | 37 | | | 105 | 65 | 1/4 G | 4 | |

| | E (IEC motor input) | | | | | | |
|-------|---------------------|-------|-------|--------|--------|--------|--|
| | IEC71 | IEC80 | IEC90 | IEC100 | IEC112 | IEC132 | |
| 300R2 | 65 | 84 | 84 | 94 | 94 | 114 | |
| 300R3 | 65 | 84 | 84 | 94 | 94 | 114 | |
| 300R4 | 65 | 84 | 84 | 94 | 94 | 114 | |

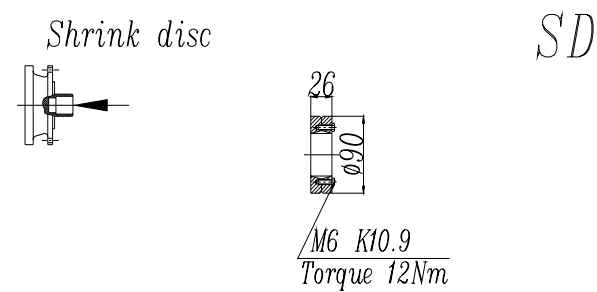
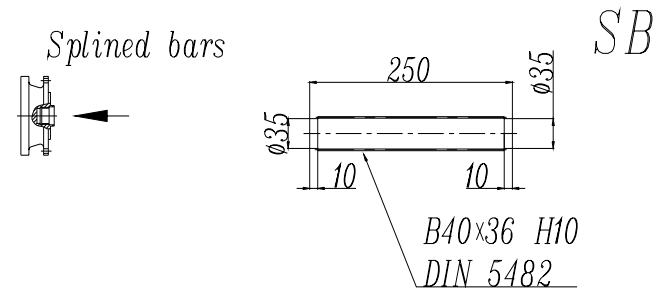
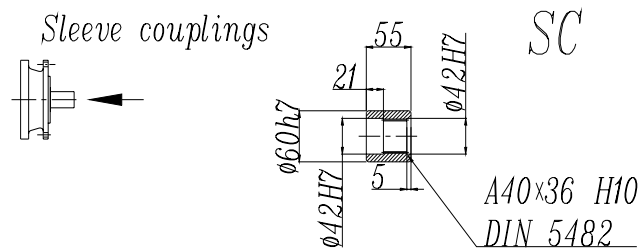
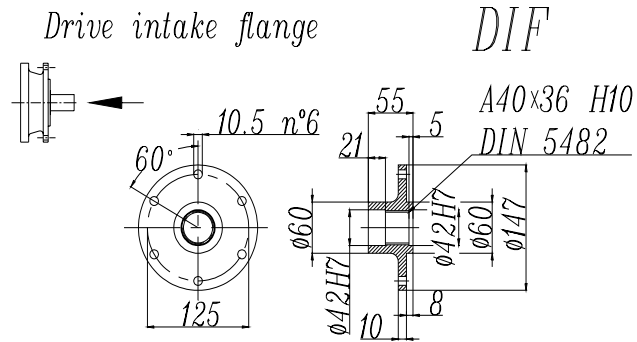


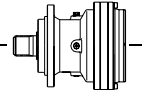
EP300L - EP300R



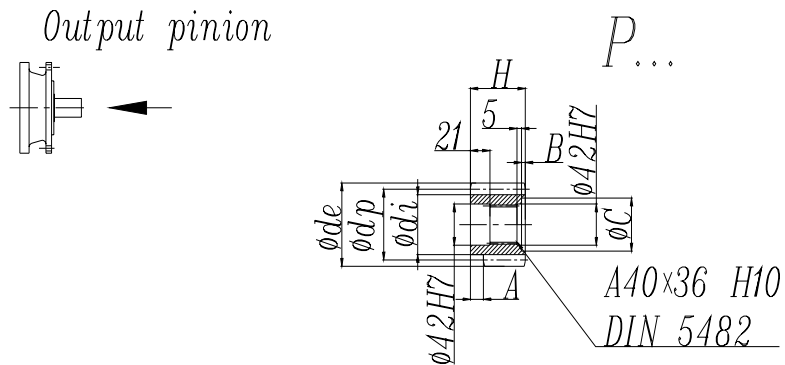


EP300L - EP300R

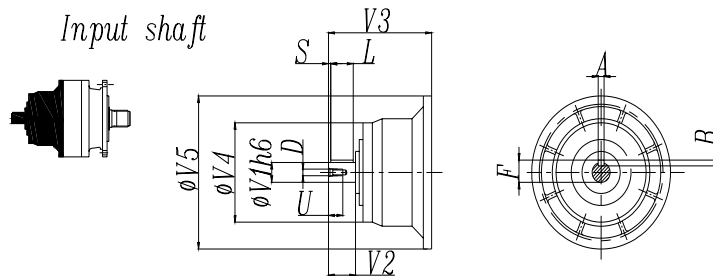




EP300L - EP300R



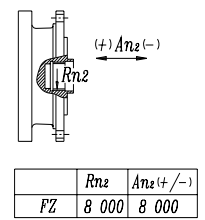
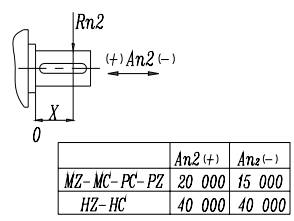
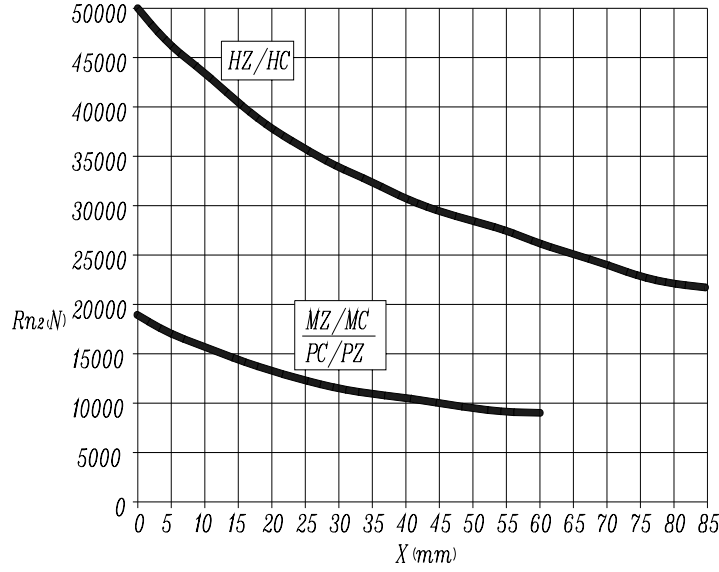
| | m | z | x | dp | di | de | H | A | B | C |
|-----|-----|----|-------|----|------|------|----|----|----|----|
| PBE | 4.5 | 14 | 0.507 | 63 | 56 | 75.5 | 55 | 0 | 0 | 0 |
| PCE | 5 | 14 | 0.500 | 70 | 62.5 | 84.8 | 65 | 0 | 10 | 53 |
| PDC | 6 | 12 | 0.250 | 72 | 61 | 84.8 | 59 | 14 | 4 | 54 |
| PDE | 6 | 14 | 0.500 | 84 | 73 | 99.6 | 65 | 0 | 10 | 54 |



| | CODE | V1 | V2 | V3 | V4 | V5 | A | B | F | L | S | D | U |
|-------------|------|----|----|-------|-----|-----|----|---|----|----|---|-----|----|
| 300L1 | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 300L2 | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 300L3 | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 300L4 | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |
| 300R2-R3-R4 | V01A | 24 | 36 | 137.5 | 120 | 186 | 8 | 7 | 27 | 30 | 3 | M8 | 19 |
| | V01B | 38 | 58 | 158 | 120 | 186 | 10 | 8 | 41 | 50 | 4 | M12 | 28 |

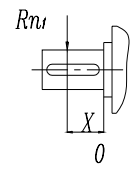
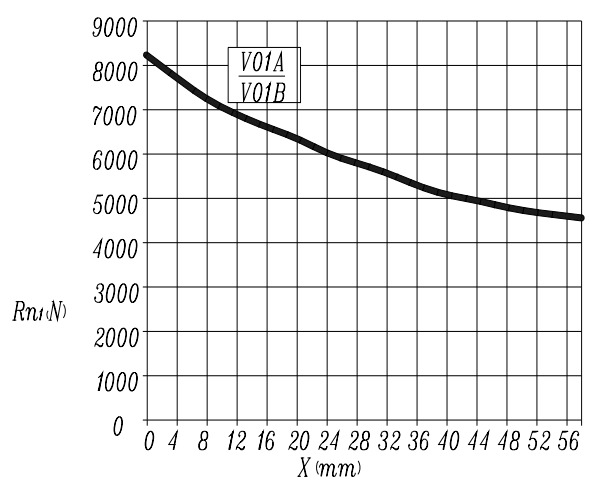
EP300L - EP300R

Permissible radial and axial loads on output shaft with Fh2 (n2 • h=10 000)

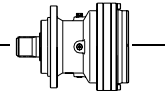


| Load corrective factor fh2 on shafts | fh2= n2 • h | | 10 000 | 25 000 | 50 000 | 100 000 | 500 000 | 1 000 000 |
|--------------------------------------|-------------|----------------|--------|--------|--------|---------|---------|-----------|
| | fh2 | MZ-MC-PC-PZ-FZ | | 1 | 0.74 | 0.58 | 0.46 | 0.27 |
| | HZ-HC | | 1 | 0.76 | 0.61 | 0.50 | 0.31 | 0.25 |

Permissible radial loads on input shaft with Fh1 (n1 • h=250 000)



| Load corrective factor fh1 on shafts | Fh1= n1 • h | | 250 000 | 500 000 | 1 000 000 | 2 00 000 | 5 000 000 | 10 000 000 |
|--------------------------------------|-------------|--|---------|---------|-----------|----------|-----------|------------|
| | fh1 | | | 1 | 0.79 | 0.63 | 0.50 | 0.37 |

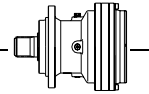


EP301L

M2'=2000N.m

| | I | Mn ₂ (N.m) | | | | | | P ₁ (KW) | P _t (KW) (ta=20°C) (n ₁ =1500) | n ₁ (min ⁻¹) | n _{1max} (min ⁻¹) | M _b (N.m) | Brake type |
|------|-------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------|--|--|---|-------------------------|---------------|
| | | n ₂ .h 10000 | n ₂ .h 25000 | n ₂ .h 50000 | n ₂ .h 100000 | n ₂ .h 500000 | n ₂ .h 1000000 | | | | | | |
| L1 | 3.4 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 30 | 7.5 | 1 750 | 3 500 | 440 | 4L |
| | 4.4 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 30 | 7.5 | 1 750 | 3 500 | 440 | 4L |
| | 5.8 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 28 | 7.5 | 1 750 | 3 500 | 400 | 4K |
| | 7.2 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 18 | 7.5 | 1 750 | 3 500 | 260 | 4F |
| L2 | 11.5 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 15 | 7.5 | 1 750 | 3 500 | 260 | 4F |
| | 15 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 12 | 7.5 | 1 750 | 3 500 | 260 | 4F |
| | 19.8 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 10 | 7.5 | 1 750 | 3 500 | 160 | 4D |
| | 25.6 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 8.2 | 7.5 | 1 750 | 3 500 | 160 | 4D |
| | 32 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 7.5 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 41.5 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 5.2 | 7.5 | 1 750 | 3 500 | 100 | 4B |
| | 51.8 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 3.6 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| | L3 | 38.8 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 6 | 7.5 | 1 750 | 3 500 | 100 |
| 50.9 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 4.9 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 66.1 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 3.8 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 87.8 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 3 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 108 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 2.5 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 114 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 2.4 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 142 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 2 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 185 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.6 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 230 | | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.3 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 299 | | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 1 | 7.5 | 1 750 | 3 500 | 50 | 4A |
| 373 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 0.55 | 7.5 | 1 750 | 3 500 | 50 | 4A | |
| L4 | 297 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 386 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.8 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 476 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.68 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 501 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.65 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 625 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.55 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 650 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.53 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 780 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.45 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 853 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.42 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1024 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.35 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1108 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 0.25 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1329 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.27 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1383 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 0.2 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1659 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.22 | 6 | 1 750 | 3 500 | 50 | 4A |
| | 1725 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 0.17 | 6 | 1 750 | 3 500 | 50 | 4A |
| 2153 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 0.14 | 6 | 1 750 | 3 500 | 50 | 4A | |
| 2687 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 0.08 | 6 | 1 750 | 3 500 | 50 | 4A | |

M_{2max}=1.2×Mn₂(n₂×h=10 000)

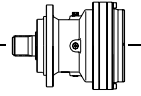


EP301R

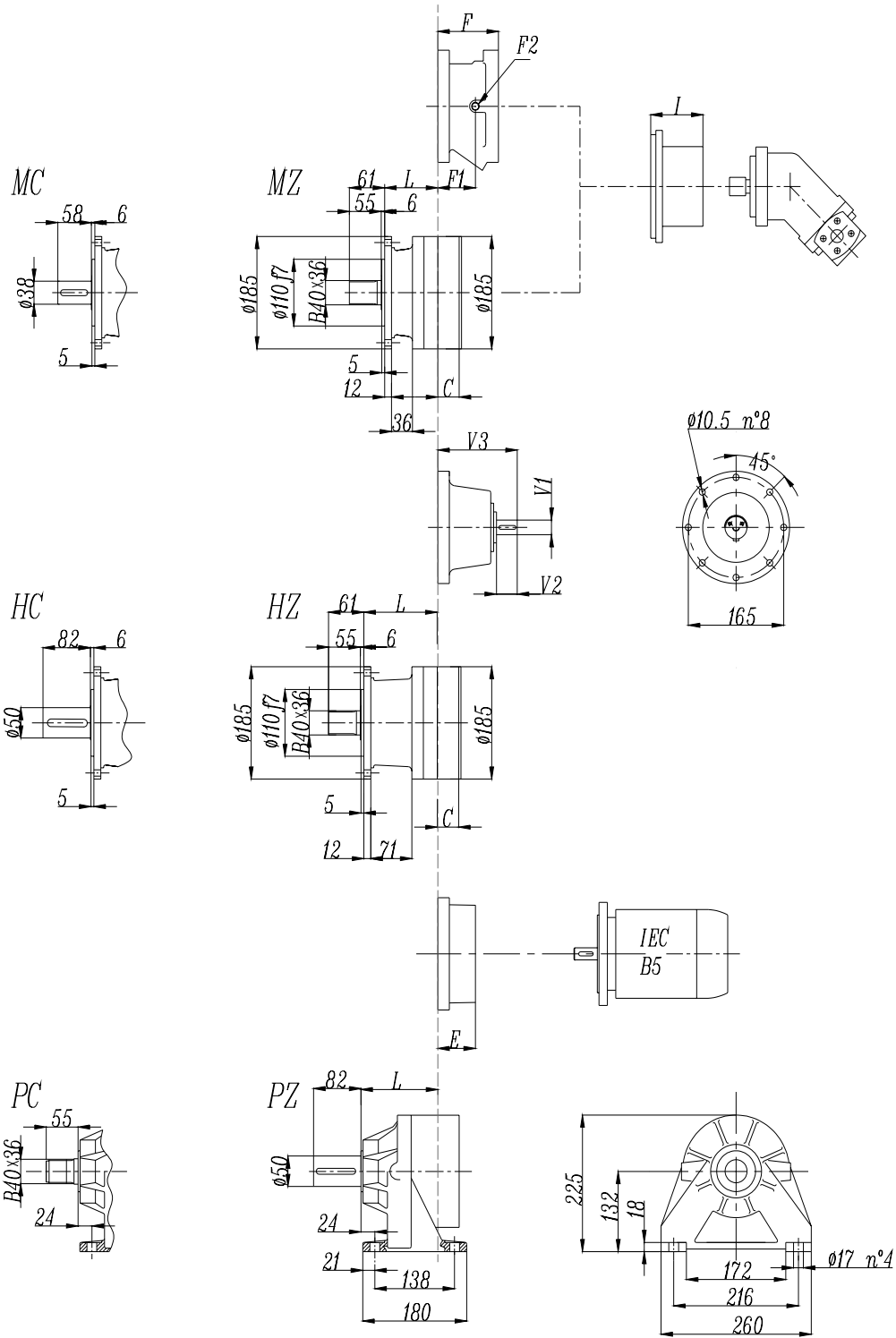
M2'=2000N.m

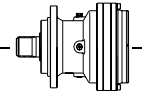
| | I 1: | Mn ₂ (N.m) | | | | | | P ₁ (KW) | P _t (KW) (ta=20°C) (n ₁ =1500) | n ₁ (min ⁻¹) | n _{1max} (min ⁻¹) | M _b (N.m) | Brake type |
|-----|---------|----------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|------------------------|--|--|---|-------------------------|---------------|
| | | n ₂ .h 10000 | n ₂ .h 25000 | n ₂ .h 50000 | n ₂ .h 100000 | n ₂ .h 500000 | n ₂ .h 1000000 | | | | | | |
| R2 | 6.9 | 1 200 | 1 200 | 1 200 | 1 200 | 1 100 | 930 | 15 | 12 | 1 750 | 3 500 | 260 | 4F |
| | 9.1 | 1 450 | 1 450 | 1 450 | 1 450 | 1 250 | 1 050 | 15 | 12 | 1 750 | 3 500 | 260 | 4F |
| | 11.8 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 14 | 12 | 1 750 | 3 500 | 260 | 4F |
| | 14.8 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 11 | 12 | 1 750 | 3 500 | 160 | 4D |
| R3 | 23.5 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 8 | 12 | 1 750 | 3 500 | 160 | 4D |
| | 30.8 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 7.7 | 12 | 1 750 | 3 500 | 100 | 4B |
| | 40.5 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 6.3 | 12 | 1 750 | 3 500 | 100 | 4B |
| | 52.6 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 5 | 12 | 1 750 | 3 500 | 100 | 4B |
| | 65.6 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 4.1 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 85.2 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 2.7 | 12 | 1 750 | 3 500 | 50 | 4A |
| | 106 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 1.9 | 12 | 1 750 | 3 500 | 50 | 4A |
| R4 | 79.5 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 3.5 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 104 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 2.7 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 136 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 2.2 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 180 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.7 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 222 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.4 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 234 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.3 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 292 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 1.1 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 378 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.85 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 472 | 2 000 | 2 000 | 1 750 | 1 700 | 1 350 | 1 100 | 0.67 | 10 | 1 750 | 3 500 | 50 | 4A |
| | 613 | 1 700 | 1 450 | 1 300 | 1 300 | 1 300 | 1 050 | 0.43 | 10 | 1 750 | 3 500 | 50 | 4A |
| 765 | 1 150 | 1 150 | 1 150 | 1 150 | 1 150 | 940 | 0.27 | 10 | 1 750 | 3 500 | 50 | 4A | |

$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$

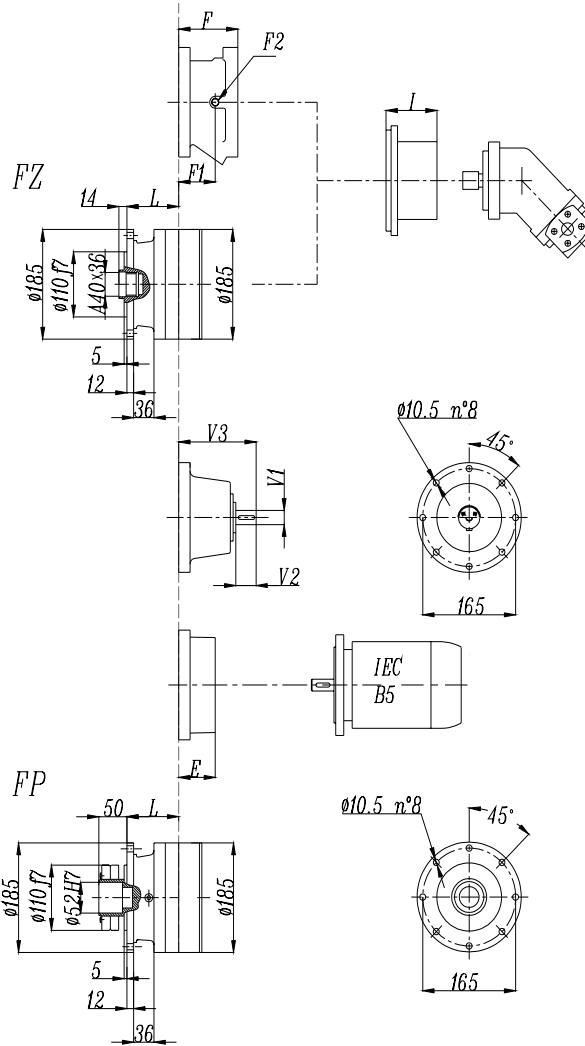


EP301L





EP301L



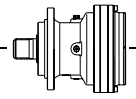
FP version

Max. transmissible

2400 N.m

| | L | | | | Ref. weight (without input) (Kg) | | | | C | I | Brake | | | | Ref. Weight 15 Kg |
|-------|----------|----------|----------|----------|----------------------------------|----------|----------|----------|----|------------------------------|-------|----|-------|------|----------------------|
| | MZ MC | FZ FP | HZ HC | PC PZ | MZ MC | FZ FP | HZ HC | PC PZ | | | F | F1 | F2 | Type | |
| 301L1 | 92 | 92 | 127 | 133 | 21 | 19 | 23 | 26 | 37 | According to hydraulic motor | 105 | 65 | 1/4 G | 4 | |
| 301L2 | 145 | 145 | 180 | 186 | 25 | 23 | 27 | 30 | 37 | | 105 | 65 | 1/4 G | 4 | |
| 301L3 | 198 | 198 | 233 | 239 | 29 | 27 | 31 | 34 | 37 | | 105 | 65 | 1/4 G | 4 | |
| 301L4 | 251 | 251 | 251 | 292 | 33 | 31 | 35 | 38 | 37 | | 105 | 65 | 1/4 G | 4 | |

| | E (IEC motor input) | | | | | | | |
|-------|---------------------|-------|-------|-------|--------|--------|--------|--------|
| | | IEC71 | IEC80 | IEC90 | IEC100 | IEC112 | IEC132 | IEC160 |
| 301L1 | | 65 | 84 | 84 | 94 | 94 | 114 | 144 |
| 301L2 | | 65 | 84 | 84 | 94 | 94 | 114 | 144 |
| 301L3 | | 65 | 84 | 84 | 94 | 94 | 114 | 144 |
| 301L4 | | 65 | 84 | 84 | 94 | 94 | 114 | 144 |



EP301R

