

Gear Motor Selection Checklist

SELECTION FORM

Complete the items below to help us identify a suitable motor and gearbox for your application.

1. Application & Load

Machine / Application: _____ Quantity: _____

Load description: _____ *conveyor, pump, mixer, etc.*

☐ Constant load ☐ Variable load ☐ Shock / impact load ☐ Frequent start / stop

2. Electrical Requirements

☐ AC ☐ DC ☐ Brushless DC ☐ Servo ☐ Stepper ☐ Not sure

Voltage: _____ Phase: _____ *1-phase / 3-phase* Frequency: _____ *50 / 60 Hz*

Rated power: _____ *W / kW* Control requirement: _____ *fixed speed / variable speed*

3. Speed, Torque & Gear Ratio

Required output speed: _____ *rpm* Required output torque: _____ *N.m*

Gear ratio (if known): _____ Motor speed (if known): _____ *rpm*

☐ Continuous duty ☐ Intermittent duty ☐ Reversing required ☐ Brake required

4. Mounting & Mechanical Dimensions

Mounting type: _____ *flange / foot / right-angle / other* Flange size: _____ *mm*

Output shaft diameter: _____ *mm* Shaft length: _____ *mm*

☐ Round shaft ☐ Keyed shaft ☐ Hollow shaft ☐ Other

5. Operating Environment & Options

☐ Indoor ☐ Outdoor ☐ Wet / washdown ☐ Dusty ☐ High temperature

Ambient temperature: _____ *°C* Required IP rating: _____ *if known*

☐ Speed controller ☐ VFD ☐ Encoder ☐ Custom cable / connector

6. Reference Information to Send

☐ Motor nameplate photo ☐ Existing motor model ☐ Installation drawing
☐ Shaft / flange dimensions ☐ Machine photo ☐ Other reference file

Additional Notes
