



MOTOR SELECTION GUIDE

PLEASE COMPLETE QUESTIONS 1 TO 7

1. WHAT MOTOR POWER IS REQUIRED?

NOTE: 1 HORSE POWER (HP) = 0.75kW ie 10 HP x 0.75 = 7.5 kW

- | | | |
|----------------------------------|----------------------------------|--------------------------------|
| 0.37 kW <input type="checkbox"/> | 4.0 kW <input type="checkbox"/> | 30 kW <input type="checkbox"/> |
| 0.55 kW <input type="checkbox"/> | 5.5 kW <input type="checkbox"/> | 37 kW <input type="checkbox"/> |
| 0.75 kW <input type="checkbox"/> | 7.5 kW <input type="checkbox"/> | 45 kW <input type="checkbox"/> |
| 1.1 kW <input type="checkbox"/> | 11 kW <input type="checkbox"/> | 55 kW <input type="checkbox"/> |
| 1.5 kW <input type="checkbox"/> | 15 kW <input type="checkbox"/> | 75 kW <input type="checkbox"/> |
| 2.2 kW <input type="checkbox"/> | 18.5 kW <input type="checkbox"/> | 90 kW <input type="checkbox"/> |
| 3.0 kW <input type="checkbox"/> | 22 kW <input type="checkbox"/> | |

Other (please specify) _____

2. WHAT SPEED (RPM) IS THE MOTOR REQUIRED TO DO?

- | | |
|--|--|
| 3000 RPM (2 pole) <input type="checkbox"/> | 1000 RPM (6 pole) <input type="checkbox"/> |
| 1500 RPM (4 pole) <input type="checkbox"/> | 750 RPM (8 pole) <input type="checkbox"/> |

Other (please specify) _____

3. WHAT MOTOR VOLTAGE IS REQUIRED?

- | |
|--|
| 240V domestic power (Single Phase) <input type="checkbox"/> |
| 415V industrial power (Three Phase) <input type="checkbox"/> |

Other (please specify) _____

4. HOW IS THE MOTOR MOUNTED?

- | |
|---|
| Foot mount (B3) <input type="checkbox"/> |
| Foot & flange mount (B35) <input type="checkbox"/> |
| Flange mount (B5) <input type="checkbox"/> (B14) <input type="checkbox"/> |

Other (please specify) _____

5. WHAT IS THE MOUNTING ORIENTATION?

- | |
|--|
| Horizontal <input type="checkbox"/> |
| Vertical shaft up <input type="checkbox"/> |
| Vertical shaft down <input type="checkbox"/> |

Other _____

6. WHAT IS THE MOTOR CONSTRUCTION OF?

- | |
|---------------------------------------|
| Rolled steel <input type="checkbox"/> |
| Cast alloy <input type="checkbox"/> |
| Cast iron <input type="checkbox"/> |

Other _____

7. WHAT APPLICATION IS THE MOTOR USED FOR?

- | | |
|-------------------------------------|-------------------------------|
| Compressor <input type="checkbox"/> | Pump <input type="checkbox"/> |
| Conveyor <input type="checkbox"/> | Fan <input type="checkbox"/> |

Other _____

8. WHAT ENVIRONMENT IS THE MOTOR USED IN?

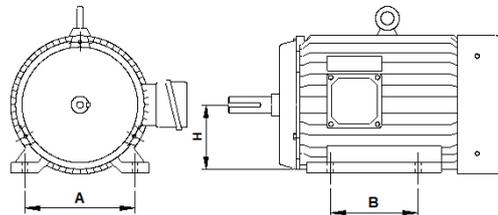
- | | |
|---|----------------------------------|
| Wet area <input type="checkbox"/> | Indoor <input type="checkbox"/> |
| Dust area <input type="checkbox"/> | Outdoor <input type="checkbox"/> |
| Hazardous location <input type="checkbox"/> | |
- Other _____

9. WHAT IS THE MOTOR SHAFT DIAMETER?

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| 14 mm <input type="checkbox"/> | 38 mm <input type="checkbox"/> | 60 mm <input type="checkbox"/> |
| 19 mm <input type="checkbox"/> | 42 mm <input type="checkbox"/> | 65 mm <input type="checkbox"/> |
| 24 mm <input type="checkbox"/> | 48 mm <input type="checkbox"/> | 75 mm <input type="checkbox"/> |
| 28 mm <input type="checkbox"/> | 55 mm <input type="checkbox"/> | 80 mm <input type="checkbox"/> |

Other _____

10. IF THE MOTOR IS FOOT MOUNT, PLEASE FILL IN THE DIMENSIONS OF THE FOOT.

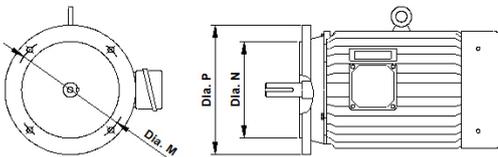


A = _____ mm

B = _____ mm

H = _____ mm

11. IF THE MOTOR IS FLANGE MOUNT, PLEASE FILL IN THE DIMENSIONS OF THE FLANGE.



Dia. M (Mounting hole PCD) = _____ mm

Dia. N (Spigot diameter) = _____ mm

Dia. P (Flange diameter) = _____ mm

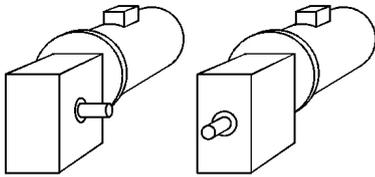
12. LIST ANY SPECIAL OR ADDITIONAL REQUIREMENTS?



GEARBOX SELECTION GUIDE

PLEASE COMPLETE QUESTIONS 1 TO 7 ON MOTOR SELECTION GUIDE
PLEASE COMPLETE QUESTIONS 8 TO 11 IF REPLACING AN OLD UNIT

1. WHAT IS THE GEARBOX CONFIGURATION?

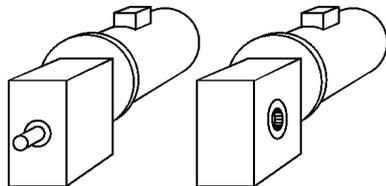


- Right angle In line
Foot mount Flange mount

2. WHAT GEARBOX OUTPUT SPEED (RPM) IS REQUIRED?

Speed _____rpm

3. IS THE GEARBOX REQUIRED TO HAVE A SOLID OR HOLLOW SHAFT?



- Solid shaft Hollow shaft

4. WHAT APPLICATION IS THE GEARBOX USED FOR?

- Mixer Belt conveyor
Screw conveyor Press
Agitator
Other (please specify) _____

5. HOW MANY HOURS A DAY WILL THIS UNIT RUN?

- 3 to 4 hours 8 to 19 hours
10 to 24 hours

6. HOW MANY TIMES AN HOUR WILL A UNIT BE STARTING / STOPPING?

- 6 times 60 times
120 times
Other (please specify) _____

7. WHAT TYPE OF LOAD WILL THE GEARBOX BE RUNNING?

- Uniform load Variable load
Shock load
Other _____

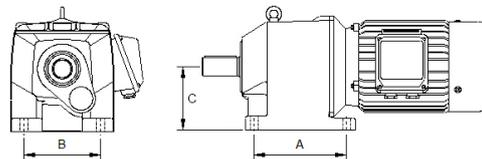
8. PLEASE PROVIDE ANY DETAILS OFF THE EXISTING NAMEPLATE IF AVAILABLE.

Brand _____
Type _____
Ratio _____
Serial No. _____
Torque _____

9. WHAT IS THE GEARBOX OUTPUT SHAFT DIAMETER?

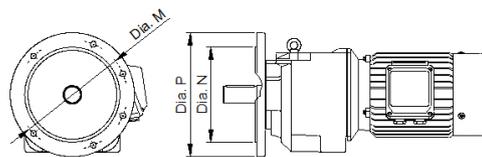
Diameter _____mm

10. IF THE GEARBOX IS FOOT MOUNT, PLEASE FILL IN THE DIMENSIONS OF THE FOOT?



A = _____mm B = _____mm C = _____mm

11. IF THE GEARBOX IS FLANGE MOUNT, PLEASE FILL IN THE DIMENSIONS OF THE FLANGE?



Dia. M (Mounting hold PCD) = _____ mm
Dia. N (Spigot diameter) = _____ mm
Dia. P (Flange diameter) = _____ mm

12. LIST ANY SPECIAL OR ADDITIONAL REQUIREMENTS?

