

Find the Right Motor

This form can help you find an appropriate replacement motor. Start with your current motor's nameplate to fill in the values in the right-hand column where applicable for each specification listed. Then you can get a little more specific based on the motor's application. The completed form will help you filter your selections on Grainger.com and narrow down your choices. You can also find a lot of helpful information about purchasing motors starting on [page 3 of the online Grainger Catalog](#).

Manufacturer and Model Number

Horsepower	
RPM	
Voltage	
Frame Size	
Phase	
Enclosure Type	
Is the Motor Thermally Protected?	

Questions Based on Motor Application

HVAC Motors

Direct Drive or Belt Drive?	
How Is the Motor Mounted?	
Shaft Dimension	
How Many Speeds?	
Rotation – CW or CCW – From Facing Lead End or Shaft End?	

Pump Motors

Motor Type (PSC, Capacitor Start, Cap Start/Run)	
Service Factor	
Mounting (Face, Face/Base, Square Flange or Stud)	
Shaft Dimensions and Thread Type (If Nonstandard Frame)	

Motors for Hazardous Locations

What is the Required NEC Class and Group Rating?	
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Unit Bearing (For Refrigeration)

Wattage	
Rotation (These Motors Are Nameplated from Lead End.)	
Is the Shaft Threaded?	

Gearmotors

Output RPM	
Output Torque	
Shaft Dimensions	
Mounting Dimensions	
Right Angle or Parallel Shaft?	

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