

When existing motors fall short of delivering the critical requirements that enable OEMs to outclass their competition, it's time to partner with Power Electric. Our clients save money, time, and resources with our proven ability to develop and deliver custom motors and gear motors optimized for each unique application.

Brushless DC Motors



Product Attributes

- 5 W – 2.2 kW Output Power
- 3 – 48 VDC Input Voltage
- Inner, Outer-rotor options
- 0 – 6.8 Nm (60 lb-in) Output Torque Range
- 480 – 26,000 RPM Output Speed
- 10 mm – 150 mm OD frame sizes
- Integrated gearing options
- IP20 to IP66
- UL, CSA, CE, RoHS available
- **Fully customizable**

DC Brushed Motors



Product Attributes

- <1 W – 2.2 kW Output Power
- 3 – 180 VDC Input Voltage
- Iron-core, Coreless options
- 0 – 6.5 Nm (57 lb-in) Output Torque Range
- 600 – 11,000 RPM Output Speed
- 22 mm – 151 mm OD frame sizes
- Integrated gearing, pumps options
- IP20 to IP66
- UL, CSA, CE, RoHS available
- **Fully customizable**

AC Induction Motors



Product Attributes

- 10 W – 2.2 kW Output Power
- 120, 240, 460 VAC Input Voltage
- 0.1 – 15 Nm (0.9 – 133 lb-in) Output Torque Range
- 1350 – 7200 RPM Output Speed
- 60 – 140 mm OD frame sizes
- Integrated In-line, Right-Angle, Offset Gearing available
- IP20 to IP54
- UL, CSA, CE available
- **Fully customizable**

Micro Motors



Product Attributes

- <1 – 10 W Output Power
- 3 – 48 VDC Input Voltage
- BLDC, PMDC, Stepper options
- 1 – 30,000 RPM
- 4 – 38 mm frame sizes
- Planetary, spur, worm and bevel gear options
- Integrated electronics option
- Metal, plastic housing, and gear options
- **Fully customizable**

Roller Motors



Product Attributes

- 15 – 3500 W Output Power
- 24 – 48 VDC, 110/220/380 VAC Versions
- Stainless or Mild Steel options
- 0 – 532 Nm (386 ft-lbs) Output Torque
- 7.6 (1.4m/min) to 821.9 RPM (822m/min) Output Speed
- IP40, IP54 options
- 50 (1.97") – 216 mm (8.5") OD frame sizes
- 260 (10.24") – 500 mm (19.69") length range

Planetary Gear Motors



Product Attributes

- 5 – 300 W Output Power
- 3 – 90 VDC Input Voltage
- Brushless, Brushed, Stepper motor options
- 0 – 120 Nm (0 – 1,062 lb-in) Output Torque Range
- 5 – 1,000 RPM Output Speed
- 3.4 mm – 82 mm OD frame sizes
- Steel and Plastic gear options
- IP20 to IP65
- UL, CSA, CE available
- **Fully customizable**

Offset Shaft Gear Motors



Product Attributes

- 3 W – 2.2 kW Output Power
- 12 – 48 VDC, 110/220/460 VAC Versions
- Brushless DC, Brushed DC, AC Induction Motor options
- Gear Ratios from 5:1 to >400:1
- Solid or Hollow Output Shaft Options
- 1 – 160 Nm (1,416 lb-in) Rated Output Torque
- 17 – 300 RPM Output Speed Range
- IP20 to IP67
- UL, CSA, CE Available
- **Fully customizable**

Hypoid Gear Motor



Product Attributes

- 15W – 2.2KW Output Power
- 24 – 180 VDC, 110/220/460 VAC Versions
- Brushless DC, Brushed DC, AC Induction motor options
- Gear ratios from 5:1 to 240:1
- 5 – 150 RPM Output Speed Range
- 1 – 360 Nm (3,100 lb-in) Rated Output Torque
- IP20 to IP54
- UL, CSA, CE available
- **Fully customizable**

Bevel Gear Motors



Product Attributes

- 25 – 250 W Output Power
- 12 – 120 VDC, 110/220/460 VAC Versions
- Brushless DC, Brushed DC, AC Induction motor options
- Gear Ratios from 3:1 to 180:1
- 0.5 – 60 Nm (531 lb-in) Rated Output Torque
- 10 – 1000 RPM Output Speed Range
- Electric brake option available
- IP20 to IP54
- UL, CSA, CE available
- **Fully customizable**

Spur Gear Motors



Product Attributes

- 5 – 2200 W Output Power
- 3 – 48 VDC, 100 – 460 VAC Input Voltage options
- Brushless DC, Brushed DC, AC Induction, Stepper motor options
- Gear ratios from 3:1 to 298:1
- 1 – 1,450 Nm (12,846 lb-in) Rated Output Torque
- 5 – 1,450 RPM Output Speed Range
- 14 mm – 213 mm OD frame sizes
- Steel and plastic gear options
- IP20 to IP54
- UL, CSA, CE available
- **Fully customizable**

Worm Gear Motors



Product Attributes

- 3 – 410 W Output Power
- 12 – 90 VDC, 120 – 460 VAC Versions
- Brushless DC, Brushed DC, AC Induction motor options
- Gear ratios from 10:1 to 350:1
- 5 – 132 Nm (1169 lb-in) Rated Output Torque
- 20 – 260 rpm rated Output Speed Range
- Single, dual extended, hollow output shaft options
- IP20 to IP65
- UL, CSA, CE available
- **Fully customizable**



Design. Sourcing. Quality. Logistics. Support.

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