

NEMA Premium® Motors



Emerson offers an extensive line of industrial, commercial and HVAC electric motors that meet or exceed the new National Electrical Manufacturers Association (NEMA) premium efficiency standards. NEMA sets standards for temperature, torque, inrush current, power factor and overall design parameters. Emerson premium electric motors are built to these standards and facilities can use Emerson's premium products without the addition of new starters or wiring to an existing system. Using Emerson electric motors built to NEMA Premium standards also allow facilities to maintain existing compliance to local electric codes and safety regulations.

Three complete lines of Emerson® electric motors are designed and manufactured according to latest NEMA Premium standards, the most comprehensive efficiency standards in the industry.



- Industrial cast iron motors for hostile, severe environments
 - Hostile Duty Motors
 - CORRO-DUTY®
 - 841 PLUS®
- Commercial duty motors used in office buildings, schools and other federal facilities
 - Open Dripproof Motors
 - UNIMOUNT®
- HVAC motors for air moving and conditioning applications
 - Cooling Tower Duty Motors
 - Open Dripproof Motors
 - UNIMOUNT®



Product Overview

Open Dripproof



Features

- Three Phase, 60 Hertz
- 1.0 and 1.15 Service Factor
- 1/4 through 400 HP
- 2, 4, 6, and 8 Poles
- 48 through 449 Frame

UNIMOUNT®



Features

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1.25 Service Factor
- 1/4 through 30 HP
- 2, 4, 6, and 8 Poles
- 56 through 286 Frame
- C-Face, Footed and Footless
- Removable Base Options
- F2 Field Assembly

Hostile Duty Motors



Features

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1.00 and 1.15 Service Factor
- 1 through 350 HP
- 2, 4, 6, and 8 Poles
- 143 through 286 Frame
- Cast Iron Frame & Brackets
- Ball and Roller Bearing Options

Cooling Tower Duty Motors



Features

- Totally Enclosed Fan Cooled and Totally Enclosed Air Oven Options
- Three Phase, 60 Hertz
- 2 through 100 HP
- 4, 6, 4/8 Poles
- 145 through 449 Frame
- Single Speed and Two Speed Options
- Meets Specifications for Baltimore Air Coil, Evapco and Marley Cooling Technologies

Product Overview

CORRO-DUTY®



Features

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1 through 200 HP
- 2, 4, and 6 Poles
- 143 through 447 Frame
- All Cast Iron Construction

841 PLUS®



Features

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1.0 or 1.15 Service Factor
- 1 through 400 HP
- 2, 4, 6, and 8 Poles
- 143 through 447 Frame
- VBBX® Bearing Isolators by Inpro/Seal
- Meets IEEE 841 GM7E-TA Specifications
- Five Year Warranty

Vertical Pump Motors



Features

- NEMA Premium design available as custom design, contact your Emerson Motor Technologies representative for more information.

Automotive Duty U Frame Motors



Features

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1/4 through 300 HP
- 2, 4, 6, 8 Poles
- 56 through 5008 Frame
- Meets GM-7EQ, GM-7EH, Ford EM1 and Chrysler NPEM-105 specifications