

Premium Efficient Motors



Hostile Duty Motors

- 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 and Brackets
- Ball and Roller Bearing Options



NEMA Premium

Open Dripproof Motors

- 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
- Close Coupled Ratings Available



NEMA Premium

CORRO-DUTY® Motors

- 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



NEMA Premium

UNIMOUNT® Motors

- Totally Enclosed Fan Cooled
- Three Phase, 60 Hertz
- 1.25 Service Factor
- 1/4 through 30 HP
- 2, 4, 6, and 8 Poles
- 50 through 286 Frame
- C-Face, Footed and Footless
- Removable Base 180 Frame and Above
- F2 Field Assembly
- Close Coupled Ratings Available



NEMA Premium

841 Plus® Motors

- 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*
- Footed and C-Face Footless



NEMA Premium

Hazardous Location Motors

- Totally Enclosed Fan Cooled
- Three Phase
- 1 to 200 HP
- 2, 4, and 6 Poles
- 143 to 447 Frame
- Single and Dual Label



Nidec
NIDEC MOTOR CORPORATION
8050 W. Florissant Avenue | St. Louis, MO 63136
Phone: 888-637-7333 | Fax: 314-653-2087

Premium Efficient Motors



ACCU-Torq[®] Motor

Used with inverters and vector drives. Used in applications requiring precise speed or position control such as machine tools, material handling, packaging machinery and other applications requiring serve-like performance.

- 1/4 – 20 HP
- Variable speeds: maximum operating speed: 3600 RPM
- Three Phase
- Design voltages: 230 – 575 volt
- 1.25 SF
- Constant torque operation from zero to base speed
- Constant power (HP) operation to 2x base speed
- Optimized for IGBT and Intelligent-power module drives
- NEMA[®] design A
- Normally closed thermostats
- Configuration: C-Face Footed, C-Face Footless



Product Overview and Options

UNIMOUNT[®] motors offer the widest range of electrical and mechanical features of any motor on the market today. UNIMOUNT can be used on pumps, fans, compressors, general industrial belt drive, direct drive and direct-connected equipment where 12-lead, wye-start/delta-run is required. UNIMOUNT is also available as an inverter duty motor, meeting both Parts 30 and 31 of NEMA MG-1 standards.

Product Features:

- EISA Compliant Motors
- 1.15 Service Factor
- Oversized diagonally split conduit box
- Rugged motor base
- Rolled steel frame
- 40°C ambient
- Usable up to 3,300 feet above sea level
- CE certified
- Dual voltage ratings suitable for Part Winding Start (PWS) on low voltage
- Lifting provisions 180 frame and up
- Agency recognitions: UL[®] and CSA[®] certified
- ALLGUARD[®] Motor Quality System
- Footed, C-Face Footed, C-Face Footless

Additional Footed Features:

- Shaft slinger on pulley end
- Regreasable shaft-end bearings



UNIMOUNT[®] Motors
Footed



UNIMOUNT[®] Motors
C-Face Footed

Additional Footless Features:

- Aluminum end shields with steel bearing inserts
- Oversized diagonally split conduit box
- Regreasable shaft-end bearings (180-210 frame)



UNIMOUNT[®] Motors
C-Face Footless