

**LOW VOLTAGE MOTORS**



**Premium**

**Reliability in motion<sup>®</sup>**

- Exceeds US Energy Policy Act
- Cast Iron Construction
- Inverter Duty; 4:1 Constant Torque
- Footed, C-Face Footed, & C-Face Footless Designs Available

**2** Year  
Warranty

**PRODUCT SCOPE**

|                        |   |
|------------------------|---|
| Horsepower             | 1 to 75 HP  |
| Speed                  | 3600, 1800, or 1200 RPM                           |
| Voltage                | 230/460 or 575 V                                  |
| Enclosure              | Open Drip Proof & Totally Enclosed Fan Cooled     |
| Frame Size             | 143T through 365T                                 |
| Construction           | Cast Iron   |
| Vibration (Unfiltered) | Typically 0.12 Inches/Second or Less              |
| Insulation             | Class F, Exceeds NEMA MG1 Part 30 (Inverter Duty) |

# PREMIUM MOTORS

Toshiba's Premium motor series is available in open drip proof and totally enclosed fan cooled designs. Both designs take the energy efficiency found in the basic EPACT CT motor product to the next level. The Premium motor line encompasses popular motor features and delivers the quality design, performance, and reliability the motor industry has come to expect from Toshiba, all at a competitive price. The Premium motor series also exceeds the NEMA energy efficiency requirements as listed in NEMA MG1 Table 12-11.



## Standard Features

- Cast Iron Frame & Brackets
- NEMA Design B
- Class F Insulation
- 1.15 Service Factor
- Ball Bearings on All 143T through 365T
- Stamped Steel Gasketed Conduit Box
- V-Ring Shaft Slinger on the Drive End (TEFC Only)
- 304 Stainless Steel Nameplate

## Enclosure Types

- Open Drip Proof
- Totally Enclosed Fan Cooled

## Applications

- Pumps
- Fans
- Compressors
- Conveyors
- Material Handling
- General Applications



*\*Motors are not NAFTA qualified.*

**MOTORS    ADJUSTABLE SPEED DRIVES    CONTROLS    UPS    INSTRUMENTATION    PLC**

# TOSHIBA

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