



# Brake Motor

**XT**

Footed or  
C-Face  
Footless

## Reliability *in motion*<sup>®</sup>

- High Efficiency & NEMA Premium<sup>®</sup> Efficiency **NEMA Premium**
- Cast Iron Construction
- IP54 Protection (EQPIII-840)
- Suitable for Horizontal & Vertical Applications

### PRODUCT SCOPE

Horsepower	1/2 to 10 HP (15, 20, & 25 Available Upon Application Review)
Speed	1800 & 1200 RPM
Voltage	230/460, 460, or 575 V
Enclosure	Totally Enclosed Fan Cooled
Frame Size	143T through 286T
Construction	Cast Iron
Vibration (Unfiltered)	Typically 0.10 Inches/Second or Less
Insulation	Class F, Exceeds NEMA MG1 Part 31 (Inverter Duty)

# BRAKE MOTORS

Toshiba's Brake Motor series is designed to meet the needs of general holding applications. This product line is built to withstand the toughest conditions and offers some of the highest efficiency and torque ratings while producing some of the lowest vibration ratings in the industry — leading to a longer life and greater reliability. The Brake Motor, with its totally enclosed fan cooled design, is suitable for indoor and outdoor use and is available in high efficiency and NEMA Premium® efficiency options.



## Standard Features

- Three-Phase, Totally Enclosed Fan Cooled
- Cast Iron Frames, Bearing Brackets, & Fan Cover as Standard; EQPIII-840 Includes Addition of Cast Iron Conduit Box
- C-Face Footed & Footless Designs Available
- Class F Insulation
- 1.15 Service Factor
- One-Year Warranty on Standard Efficiency Motors; Three-Year Warranty on Premium Efficiency Motors

## Brake Options

- Solenoid Actuated Spring-Set Brakes
- NEMA 2 (IP23), NEMA 4 (IP54), and NEMA 4X (IP55) Enclosures
- Multiple Options for Brake Voltages
- Manual Release Lever on Rear of Brake Housing
- Wear Adjustment
- Static Torque Ratings from 3 to 125 lb. ft.
- Production Designs from 15 to 25 HP  
(2,4, and 6-Pole Available Upon Application Review)

## Applications

- Conveyors
- Gear Reducers
- Door Lift Operators
- Material Handling
- Baggage Handling
- Carousels and Palletizing
- Holding Applications

High  
Efficiency:



NEMA®  
Premium:



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

# TOSHIBA

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