



**XT**

**Kiln  
Duty**

# Dry Kiln

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

- Cast Iron Construction
- Inverter Duty; Exceeds Insulation
- Requirements of NEMA MG1 Part 31
- Designs Available for 90°C, 115°C, & 135°C Ambient Temperatures

### PRODUCT SCOPE

Horsepower	3 to 25 HP
Speed	1800, 1200, & 900 RPM
Voltage	460 & 575 V
Enclosure	Open Drip Proof
Frame Size	184T through 365T
Construction	Cast Iron
Vibration (Unfiltered)	Typically 0.10 Inches/Second or Less
Insulation	Class H, Exceeds NEMA MG1 Part 31 (Inverter Duty)

# DRY KILN MOTORS

Toshiba's Dry Kiln motor series incorporates a new and improved insulation system into the premium open drip proof design. This allows for running the motor in higher ambient temperatures (90°, 115°, and 135°C), and meets the ever-increasing demands of the lumber industry. The Dry Kiln motor series is designed for indoor and outdoor use in even the harshest dry kiln environments. High ambient temperatures, high humidity, and chemicals present no problem to this motor series due to its corrosion-resistance and high-structural rigidity. As with other Toshiba designs, reliability and durability are critical factors that differentiate this product from competitors' offerings.



## Standard Features

- Three-Phase, Open Drip Proof
- Cast Iron Frame & Bearing Brackets for Corrosion Resistance
- NEMA Design B
- 90°, 115°, and 135°C Designs
- Special Windings for High Humidity and Corrosive Atmospheres
- Class H Insulation
- Inverter Duty; Exceeds Insulation Requirements of NEMA MG1 Part 31
- High Temperature Bearing Grease
- One-Year Warranty

## Applications

- Soft Wood Dry Kilns
- Hard Wood Dry Kilns
- High Temperature Fans
- Oven Conveyors



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

# TOSHIBA

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