



Quarry Duty

XT

**High
Torque
Design C**

Reliability *in motion*[®]

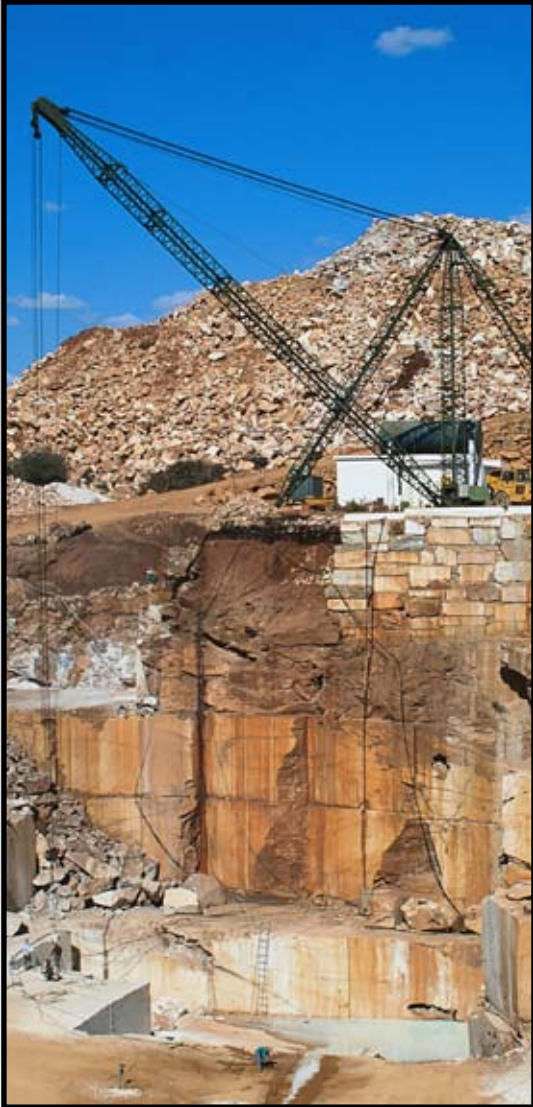
- High Efficiency Design
- NEMA Design-C High Torque
- Cast Iron Construction
- IP-54 Protection (TEFC)
- 4142 Shaft Steel
- Suitable for Vertical Applications

**Two Year
Warranty**

| PRODUCT SCOPE | |
|------------------------|---|
| Horsepower | 75 to 600 HP |
| RPM | 1800, 1200, or 900 RPM |
| Voltage | 230/460, 460, or 575 V |
| Enclosure | Totally-Enclosed Fan Cooled |
| Frames | 365T through 5810UZ |
| Insulation | Class-F, Meeting NEMA MG 1-Part 30 (Inverter Capable) |
| Vibration (Unfiltered) | Typically 0.10 Inches/Second or Less |

* See Back for Detail

DESIGNED FOR CEMENT AND AGGREGATE INDUSTRIES



Toshiba Quarry Duty motors have a proven track record of exceeding the difficult demands of the cement and aggregate industries. Our Quarry Duty line has exceptional Design-C torques and oversized superior-grade ball bearings and shafts built with high tensile strength 4142 steel. The motor contains roller bearings on the drive end for heavy radial loads of high inertia belt-driven applications. The Quarry Duty motor is designed for horizontal or vertical applications.

Standard Features

- Cast Iron Frame, End Bells, and Conduit Box
- High Efficiency Design
- Class-F Insulation System with Class-H Components
- Multiple Dips and Bakes in Class-H Varnish
- High Grade-25 Cast Iron Construction
- Bearing Lock Nut on 444T Frames and Larger and Roller Bearings
- High Strength 4142 Shaft Steel on 444T Frames and Larger
- Standard Features Corrosion-Resistant Grade-5 Hardware with Grade-8 on 440 Frame and Larger
- Premium Dynamically Balanced to 0.10 Inches/Second

Applications

- Jaw and Cone Crushers
- Cage Mills
- Vertical Impact Crushers
- Hammer Mills
- Belt Feeders
- Ball and Rolling Mills
- Chippers



MOTORS ADJUSTABLE SPEED DRIVES CONTROLS UPS INSTRUMENTATION PLC

TOSHIBA

Available Through:

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