

Toshiba Motors and Drives

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Did you know?

Toshiba has designed motors and drives specifically for the aggregate and cement industries. Toshiba's Design C and Quarry Duty motors are designed for applications that require high starting torque and are built in Totally Enclosed Fan Cooled enclosures to keep out dust, dirt, and water from severe environments. A few examples of these applications: Conveyors, Crushers, Grinding & Hammer Mills, Shakers.



Toshiba's Quarry Duty motor has a proven track record of exceeding the extreme demands of the aggregate & cement industries.

Major features include:

- IP54
- 4142 Shaft Steel
- Bearing Lock Nuts for Vertical Mounting
- Cast Iron Construction
- 125-600HP
- Inverter Duty, Exceeds NEMA MG1 Part 31
- Roller Bearing

Toshiba's Design C motor series is specifically designed for applications that require high starting torque.

Major features include:

- 1-200HP
- IP44 or IP54
- Cast Iron Construction
- NEMA Design C Torques
- Inverter Duty 4:1 Constant Torque
- Roller Bearing on 360 Frame and larger

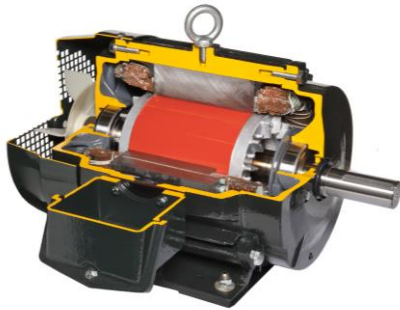


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I've looked at the Toshiba Motor Catalog and there are a lot of different motors to choose from. What should I buy?

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EQP Global® SD is our TEFC general purpose motor. Major features include:

- All Cast Iron Construction
- Oversized 300 Series Bearings on All Frames (DE & ODE)
- Ingress Protection IP54
- NEMA Premium® Efficiency
- Inverter Duty: 20:1 Constant Torque through 200 HP (1800 & 1200 RPM)
- Insulation System Exceeds NEMA MG1 Part 31 with Voltage Withstand Capability of 2,000 V with 0.1 microsecond rise time
- .75-700HP

Need a higher degree of protection? Choose the EQP Global® 840 or 841 motor.

Major features include all of the features of the EQP Global® SD motor, plus IP56 protection on all frame sizes for the 841 and IP56 for 320 frame & larger on the 840. All 840 and 841 motors come with an additional internal coating that provides protection against corrosion for all internal machined surfaces

840 is available .75-500HP. 841 is available .75-300HP.



Have a Division 1 Hazardous Location? Choose the EQP Global® XP explosion proof motor. Major features include:

- Dual Label with 1.15 Service Factor
 - Class I, Division 1, Group D
 - Class II, Division 1, Groups E, F, & G
 - T3B Operating Temperature
- Thermal Protection
- .75HP-350HP

If you have any questions or need additional information, please contact your Alliance Sales Team at: alliancesales@tic.toshiba.com. Also, please visit our website at www.toshiba.com/tic for more information.