# TOSHIBA

Toshiba Q9 Series Brochure & Specs

Adjustable speed drives

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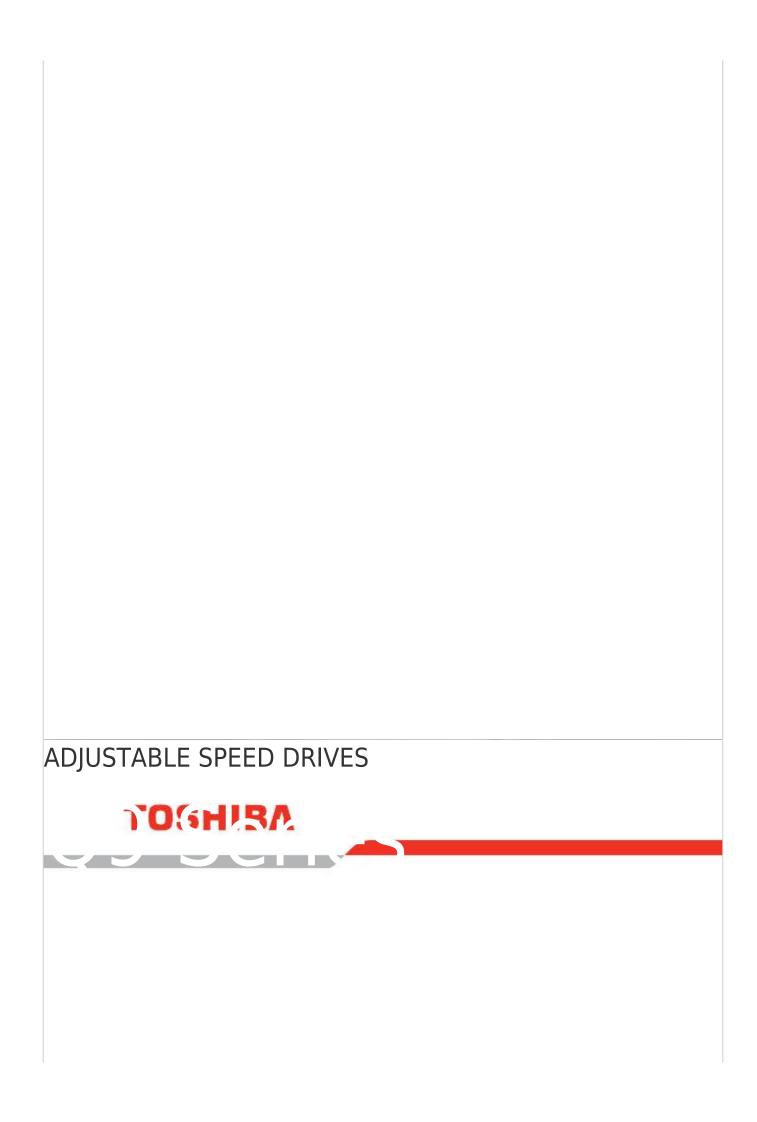


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## Related Manuals for Toshiba Q9 Series

Servo Drives Toshiba Q9 Installation And Operation Manual

Asd (233 pages)

Inverter Drive Toshiba Q9 Installation And Operation Manual

Flowsaver/bypass low voltage variable torque hvac inverter (53 pages)

Inverter Drive Toshiba tosvert VF-AS3 Instruction Manual

(19 pages)

# Summary of Contents for Toshiba Q9 Series

Page 1 ADJUSTABLE SPEED DRIVES Q9 Series...

Page 2 The Q9 is not only a monster in durability and dependability, but also simple to use. The electronic operator interface (EOI), with its LCD display and simple keypad layout, allows for quick and easy ® menu and parameter navigation. Toshiba even provides optional Windows - based software to help with Q9 programming and monitoring.

### Page 3: Pid Control

HVAC-Minded Designed for HVAC Systems The Q9 ASD is designed for HVAC systems offering many popular features needed in the industry. It comes equipped with a fire-speed circuit that forces the drive to run at a preset speed during a smoke purge. The Q9 also provides a damper-permissive function that can be used to protect from over-pressuring ductwork.

### Page 4: Alarms & Faults

"skipped" to avoid the negative effects of mechanical resonance. ASD Pro Software Toshiba offers downloadable software that can be used to interface with the Q9 at no additional cost. The software can be used to program and control the Q9, download parameter sets, and...

<u>Page 5</u> Integrated Enclosure Toshiba allows you to "build your own drive" by including many of the popular features requested by the HVAC market as choices for your own standard package. configurations you can choose include line reactors for input power-conditioning and harmonic mitigation, as well as the choice between two or three-contactor bypasses to allow for across-the-line motor operation.

Page 6 Layout & Enclosure LCD Display Displays Configuration Information, Performance Data, and Diagnostic Information Option Card Status LEDs Shows Stackable Option Card Status LEDs When Options are Installed LOCAL/REMOTE Key Toggles System to and from Local/Remote Modes; LOCAL/REMOTE Key Light Illuminates Green While in Local Mode RUN Key Issues Run Command...

<u>Page 7</u> Meets or Exceeds Your Specifications Input Voltage HP Rating Current Rating Input Voltage HP Rating Current Rating HP Rating Current Rating Input Voltage Range 200 to 240 V, 50/60 Hz, Three-Phase Power Terminals Input (L1/R, L2/S, L3/T), Output (T1/U, T2/V, T3/W), DCL (PO, PA), DC Bus (PA, PC) Voltage Tolerance ±10% Frequency Tolerance...

### Page 8: Product Warranty

North America Headquarters & Manufacturing Facilities (Houston, TX) TOSHIBA — Quality by Design Toshiba's culture and history are strongly rooted in quality. Our designs are technologically innovative, and our products are manufactured from start to end using only the highest quality domestic and foreign parts.