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Toshiba Launches Totally Enclosed Water Cooled Severe Duty Motor Series

HOUSTON, TX — Sept. 28, 2017 — Toshiba International Corporation (TIC) now offers Totally Enclosed Water-Cooled (TEWC) severe duty motors in 75 to 800 horsepower and up to 7200 volts. Toshiba TEWC motors are manufactured to stringent specifications and are an ideal choice for use with mining applications, tunnel boring machines, and die-cast molding presses.

“These advanced design motors are built to minimize exhaust heat and produce higher horsepower within a smaller footprint,” said Walter Silva, Managing Director at Toshiba Industrial Products Canada.

Toshiba TEWC motors are ideal for environments with high ambient temperatures, low noise requirements, or minimal space for motor operations. The motor series can be used in indoor or outdoor applications and is CSA-approved for hazardous locations.

Benefits of Toshiba TEWC motors include reduced noise level, high performance and reliability with copper rotor construction, and a lower operating temperature for longer insulation life. Motor features include high ambient temperature level capabilities, constant torque and wide speed range operations, ingress protection up to IP67, and explosion proof available for certain models. For additional quality assurance, TEWC motor frames are designed using thermal analysis to determine optimal rigidity and reduce vibration by maintaining stator-to-frame concentricity.

The TEWC motor is the latest in a series of new product launches throughout 2017, marking the 50th anniversary of TIC. Visit www.toshiba.com/tic to learn about the newest motors and adjustable speed drives and to keep up with future product launches.

About Toshiba International Corporation

Toshiba International Corporation (TIC) is a Toshiba America Inc. (TAI) Group Company, a wholly owned subsidiary of Toshiba Corporation, and comprised of three divisions – Motors & Drives, Power Electronics, Automotive Systems, and Transmission & Distribution Systems. Headquartered in Houston, Texas, TIC provides application solutions to a wide range of industries including general industrial, oil and gas, utilities, datacenters, HVAC, water/wastewater, and mining. For more information about TIC, please visit www.toshiba.com/tic.

About the TIC Motors & Drives Division

The TIC Motors & Drives division, which offers a full range of low and medium voltage motors, adjustable speed drives, motor controls, and power apparatus & components, is anchored by a totally integrated manufacturing process; research and development, design, engineering, production and manufacturing, and aftermarket service and support are all commandeered under one roof. With the capability to test products together as a system before sending out into the field, TIC ensures the highest level of quality, performance, and reliability.