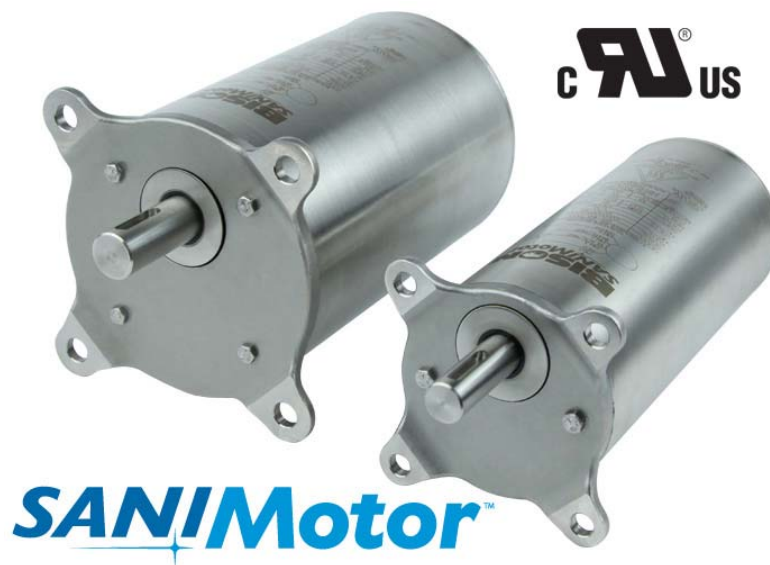


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Stainless Steel, Washdown-Safe SANIMotor™ is IP69K Rated

Exceptional gearmotor application for environments exposed to high pressure, high temperature water spray



St. Charles, IL - June 22, 2011 -- Bison's new IP69K rated stainless steel [SANIMotor™](#) uses state-of-the art technology to ensure long, maintenance-free gearmotor life.

This revolutionary gearmotor completely encapsulates all electrical components in thermally conductive epoxy resin, allowing use for up to 40°C (104°F) ambient temperatures. The encapsulated SANIMotor™ is completely enclosed with 304 stainless steel tubing, sealed with EDPM rubber o-rings and secured with hex bolts to guarantee against leaking. Electrical termination is completed with a removable IP69K ABS cordset with a modular, multi-pin power connector.

There are two frame sizes available in 34F (88.4 mm) and 49F (127.0 mm) for the three-phase, 230V [SANIMotor™](#). Each frame size is mated to 7 standard gearing ratios which offer output speeds from 345 RPM to 8 RPM with rated torques ranging from 7 to 500 in-lb (0.8 to 56.5 N-m). The SANIMotor™ was designed for use with variable frequency drives in constant torque configuration from 6 - 60 Hz and constant horsepower configuration from 60 - 90 Hz.

"The new SANIMotor™ is an exciting addition to the already vast Bison product line", says Todd Lucich; VP of Sales at Bison Gear. "We have listened to our customer's needs over the years and are proud to have developed a product that is energy efficient and offers superior performance."

SANIMotor™ is ideal for applications in food, chemical and pharmaceutical processing. High pressure, high temperature water spray industries would greatly benefit from the IP69K rated stainless steel SANIMotor™. Some of those industries include:

- Foodservice Equipment
- Packaging Machinery
- Factory Automation
- Car Wash Equipment
- Material Handling
- Specialty Machinery

SANIMotor™ products are part of Bison's [In-Stock, Instant-Ship \(ISIS\)](#) program that supports Bison's distribution partners and web customers offering same day shipment for orders received before noon (Central Time).

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[About Bison Gear & Engineering Corp.](#)

For over 50 years, Bison Gear & Engineering Corp. has designed and manufactured fractional horsepower electric motors, gearmotors and gear reducers used in industrial and commercial OEM applications worldwide. Bison's strong engineering tradition, based on Robusticity™ principles, offers products with up to twice as much torque in the same package size as competitors. Bison's St. Charles, Illinois integrated production facility manufactures gearmotors and reducers in parallel shaft and right angle configurations, as well as AC, DC and brushless DC electric motors, for applications where dependability and long lifetimes are important. www.BisonGear.com