



For Immediate Release

MEDIA
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Regal® Motor Line Achieves Highest Ingress Protection Rating

LEESON® Extreme Duck® Ultra motors rated at most durable, resistant level available

BELOIT, Wis., Oct. 12, 2017 — Regal Beloit Corporation, a leading manufacturer of electric motors, electrical motion controls, power generation and power transmission components, announced that its LEESON Extreme Duck Ultra motors have achieved UL Ingress Protection (IP) 69K certification (File #E185163 – Enclosure IEC 60529). IP69K certification is the highest certification available, with 6 being the highest rating against solids and 9K being the highest rating against liquids.

The Extreme Duck Ultra motor features a revolutionary design that is completely impenetrable to liquids and dust in any mounting position. Made entirely of stainless steel, the FDA-approved, food-grade model is manufactured with materials and lubrication that are safe in sanitary environments and tough against moisture, humidity and chemicals that cause corrosion.

“The next generation design of the Extreme Duck Ultra motor withstands the conditions that are common in the food processing industry,” said Steve Bernhardt, lead application engineer. “The all-stainless steel motor was researched, designed and tested specifically for use in wet environments, and we’re thrilled that it is now IP69K rated.”

A proprietary shaft seal that underwent a year of testing — 8,760 hours — is one of the motor’s unique features. Other features include non-wicking lead wires, installation-ready for all mounting positions, standard dual voltage and rotation, and a new encapsulation process with better materials. Benefits of the motor design include:

- Numbered lead wires enable easier readability and identification, reducing installation time and costs
- Pressure testing guarantees liquids don’t penetrate the motor, increasing motor life and reducing plant downtime
- Eliminating corrosion ensures longer motor life and lessens operating costs
- Washdown motors enhance flexibility and durability, decreasing operating expenses while increasing uptime



The Extreme Duck® Ultra motor won a 2016 Engineers' Choice Award, sponsored by *Control Engineering*, and a *Plant Engineering* 2015 Product of the Year award. The motor was recognized in the motion – motors and electric motors and drives categories, respectively. For more information on the LEESON® Extreme Duck Ultra motors, click <http://www.leeson.com/Products/products/ACMotors/1Phase/ExtremeDuckUltra.html>.

About Regal Beloit Corporation

Regal Beloit Corporation (NYSE: RBC) is a leading manufacturer of electric motors, electrical motion controls, power generation and power transmission products serving markets throughout the world. The company is comprised of three business segments: Commercial and Industrial Systems, Climate Solutions and Power Transmission Solutions. Regal is headquartered in Beloit, Wisconsin, and has manufacturing, sales and service facilities throughout the United States, Canada, Latin America, Europe and Asia. For more information, visit RegalBeloit.com

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