

## **NEW ENERGY EFFICIENT STAINLESS STEEL SERVO MOTORS ARE DESIGNED FOR STERILE & HIGH PRESSURE WASH DOWN ENVIRONMENTS**

Inmoco has extended its high performance servo motor range into hygienic processing environments, with the introduction of the S-Series of stainless steel servo motors from Cleveland Motion Controls, Inc. (CMC). The energy efficient S-Series is designed specifically for sterile or high pressure wash-down environments found in food processing, beverage and pharmaceutical applications.

The design of the new motors follows extensive research by CMC; the company having worked closely with key customers and engineers in hygienic industries to develop and introduce the 300-series stainless steel housings and other external components to ensure maximum protection (full IP 67 compliance with associated shaft seals for food grade application) and corrosion resistance for sterile and wash-down applications.

The S-Series units are competitively priced, compact motors that incorporate CMC's MDM high-energy brushless servo technology. Manufactured in standard Metric frame sizes, the motors are designed to deliver the industry's highest available torque density, with stall torque 35% to 40% higher than conventional designs. This is realised due to a design that integrates cut-core, segmented stator lamination technology in a high efficiency heat transfer capsule, with high slot-fill windings, and a high flux neodymium magnet array.

In addition to their performance features, the S-Series servo motors are easy to install: they feature strain relieved cables with stripped ends – ready to install connectors of the user's choice. Feedback options are also very straightforward, with optional encoder line counts up to 5,000 ppr available for all configurations, and also optional resolver feedback on all configurations.

Thermostats on the motor windings are a standard feature on the S-Series motors, and a standard motor-brake is also available across the entire product line. In addition, as an added benefit, customised mounting and shaft options are available for all supported configurations. Last but not least, the S-Series units offer users and OEMs the benefit of complete conformance to UL/CUL and CE standards across the entire product line.

In support of the S-Series range, easy-to-access and easy-to-use cross-reference tables, outline drawings, and torque-speed curves are viewable online at [www.cmccontrols.com](http://www.cmccontrols.com).

## **About INMOCO**

Established in 1987, INMOCO now offers an extensive range of motion control equipment including: compact servo amplifiers, position controllers, stepper motors, PLC controllers, linear motors, sensors, electric actuators and gearheads. INMOCO's product portfolio is supported by extensive applications and technical expertise, in addition to customer-specified electro-mechanical development and sub-assembly services; including calibrating and testing in a class 10,000 clean room facility.

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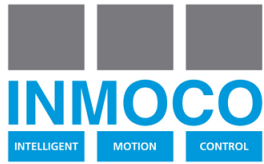
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