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# ABB launches IEC Food Safe motors designed for easy cleaning and long life

ABB's new Food Safe stainless steel motors for food and beverage plants can withstand high pressure cleaning, helping to maintain hygiene standards while reducing downtime.

ABB has launched a full range of IEC Food Safe motors designed for applications in the food and beverage industry that need frequent sanitation. The new IEC Food Safe motors are part of ABB's Food Safe family that includes stainless steel NEMA motors, mounted ball bearings and gearing.

IEC Food Safe motors feature smooth stainless steel enclosures that are easy to clean and sanitise so customers can meet increasingly stringent hygiene standards. The motors' enclosures have an IP69 water protection rating, while encapsulated winding enable the motors to last much longer than general purpose products in tough washdown conditions.

The external surfaces of the motors are self-draining, with no crevices where particles can collect. The markings are laser etched onto the frame, avoiding channels and ridges where contaminants could accumulate. The motors can withstand high pressure sprays and are fully compatible with clean-in-place (CIP) methods. Food Safe motors also eliminate the need for motor shrouds, which can harbour food particles and allow bacteria to breed.

ABB IEC Food Safe motors are available in the power range 0.18-7.5 kilowatt, in 2-6 pole versions for 230-690 volt at 50 or 60 hertz. They feature IE3 premium efficiency to reduce energy consumption and emissions. Flexible mounting arrangements ensure they will fit almost any application. The motors come in frame sizes 71-132.

**ABB** (ABN: SIX Swiss Ex) is a pioneering technology leader in power grids, electrification products, industrial automation and robotics and motion, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner in ABB Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 147,000 employees. [www.abb.com](http://www.abb.com)



**Caption:** ABB's new Food Safe motors for food and beverage plants can withstand high pressure cleaning, helping to maintain hygiene standards while reducing downtime

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