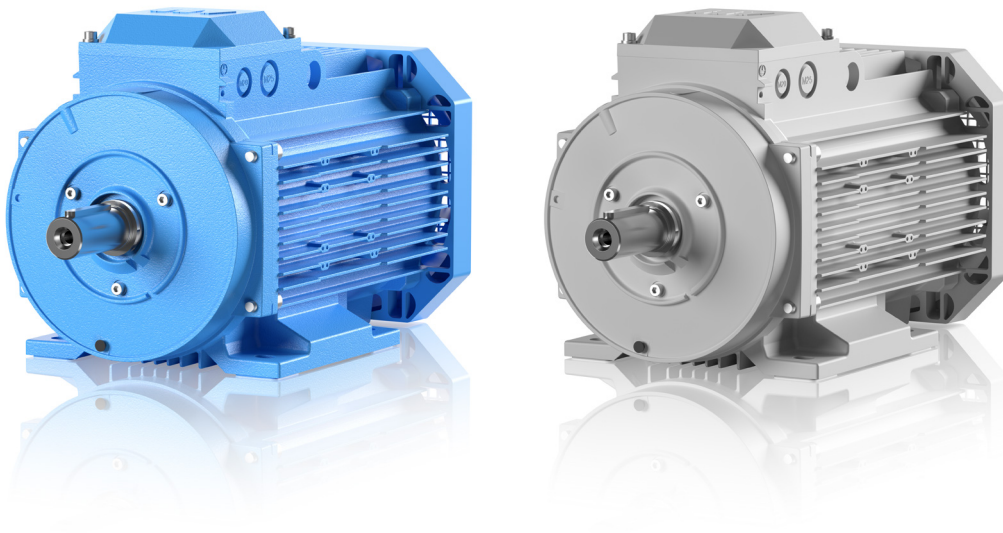


PRODUCT NOTE

# Flexible solutions for food and beverage

## IEC low voltage aluminum motors



### **Ideal for various food processing applications**

Standard Process performance aluminum motors can easily be modified to be used in many food processing applications where food safety and reliability is a concern.

### **Food safety and reliability**

Choosing H1 food grade grease, mandatory for many food producers, will lower the risk of food contamination. EHEDG guidelines clearly promote to use H1 food grade lubricants in all applications in food processing areas.

Aluminum motors with IP66 enclosures are rated as “dust tight” and protected against powerful jets of water. With the addition of stainless steel external hardware and shaft, this motor offers corrosion free and reliable performance.

Paintfree solution eliminates the risk of paint chipping off and causing a food safety hazard. Glass blasted aluminum surface without paint offers very smooth surface easy to wipe clean. This is ideal solution e.g. for freezer application with controlled environment.

For hygiene washdown areas ABB recommends to use [Stainless steel motors](#).

### **Flexibility and availability**

Make the most out of these motors by selecting just the features you need. Most of the features are available as modifications from our stocks closest to your location to ensure optimal availability and fast delivery times. You can count on our support to help you develop technically and commercially most optimized solution for your application.

Contact us to let us know how can we help in your application or machinery.

Aluminum low voltage motors for food and beverage

Food safety and reliability	
H1 food grade grease	H1 lubricants offer safe operation in food processing environments where there is possibility of incidental food contact.
IP66 protection	Increased reliability in moderate washdown or dusty environment
Stainless steel external hardware and shaft	No risk of food contamination due to corrosion
Corrosion protected interior	Preventing unexpected failures in humid and corrosive environment
Paintfree finish	Eliminates the risk of paint chipping off
Flexibility	
M3AA 71-280, IE2 / IE3	Paintfree up to frame size 132
Stock availability	Stock modifications enabling fast delivery times for the following features: H1 food grade grease, IP66 protection and stainless steel external hardware