

AKM[®] Washdown and Food Grade

These motor variants are used in applications that are subject to strict hygiene regulations in which it is essential that the formation of nuclei and corrosion are avoided and in which machines must be cleaned cyclically. These motors are based on the standard types AKM2 – AKM6 with special modifications for use in the food-processing industry, in the packaging industry, or even outdoors. An option for AKM Washdown and Washdown Food motors is to coat the flange.

AKM Washdown

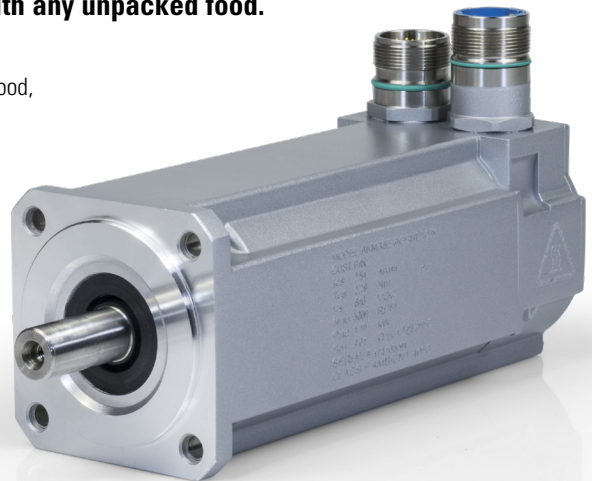
Part Numbers:

AKMxxx-xxxx-0W: Washdown with unpainted flange

AKMxxx-Wxxxx-0W: Washdown with painted flange

Note: The AKM Washdown motors must not come into contact with any unpacked food.

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| Application Area: | Harsh Environments, Outdoors |
| Application Examples: | Transport in the food and packaging area without contact with food, radar stations, and wind turbines |
| Standards: | UL, CE, RoHS |
| Surface: | Gray 2K paint |
| Immunity: | Against tested industrial cleaning agents*, corrosion-resistant |
| Degree of Protection: | IP67 |
| Shaft: | 303 Stainless steel (CSN417029) |
| Rotary Shaft Seal: | PTFE |
| Lubricant: | Industrial bearing grease, non-food-grade |
| Connector: | Stainless steel, smooth surface |
| Screws: | Stainless steel |
| Name Plate: | Engraved, additional name plate in the package |



AKM Washdown Food Grade

Part Numbers:

AKMxxx-xxxx-0F: Washdown with unpainted flange

AKMxxx-Wxxxx-0F: Washdown with painted flange

Note: The surface of the washdown food motor has passed all tests as per FDA Global Migration for indirect contact with food. Any direct contact with unpacked food is not permitted.

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| Application Examples: | Food and beverages industries; cutting, packing, and filling without direct contact with food; motor positioned laterally or below the food. |
| Standards: | UL, CE, RoHS, FDA |
| Surface: | White 2K FDA compliant paint** |
| Immunity: | Against tested industrial cleaning agents*, corrosion-resistant |
| Degree of Protection: | IP67 |
| Shaft: | 303 Stainless steel (CSN417029) |
| Rotary Shaft Seal: | PTFE as per FDA |
| Lubricant: | Food grade as per FDA |
| Connector: | Stainless steel, smooth surface |
| Screws: | Stainless steel |
| Name Plate: | Engraved, additional name plate in the package |



* Resistance of the AKM Washdown and AKM Washdown Food Grade surfaces to the following industrial cleaning agents has been tested: P3-topactive DES, P3-topactive LA, P3-topax56, P3-topax 66, P3-topax 91

**Meets FDA global migration standards