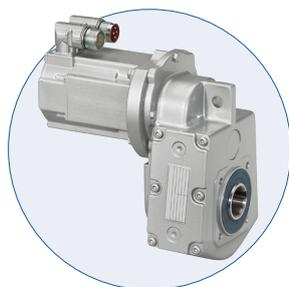


# From Special to Standard Solution Thanks to Co-Engineering

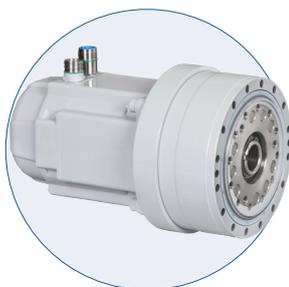
## Powerful, ready-to-install, washable: hygienic motor/gearhead combinations

Thanks to the Washdown, Washdown Food and Hygienic type AKM gearmotors, Kollmorgen has been able to realize most of the transport and rotary applications in the food and beverage industry, as well as downstream packaging using standardized drive solutions. This is based on combining an AKM servomotor with highly efficient gearheads.

The main advantages of the ready-to-install drive units with a consistent, hygienic design include: significantly reduced cleaning times due to smooth and water-repellant surfaces, low energy costs thanks to the highly efficient motor/gearhead combinations, as well as simplified design options for machines implemented by means of space-saving assembly without additional stainless steel casings. Thanks to the use of FDA-compliant materials and the specially rounded housing design, motor/gearhead combinations from Kollmorgen meet the highest hygiene standards and reduce the risk of product contaminations and recall campaigns.



AKM41E-BF06



AKM62L-F2CS-A35-59



AKM62K-BK17



AKMH65M-AQT-160-004

Type		AKM41E-BF06	AKM62L-F2CS-A35-59	AKM62K-BK17	AKMH65M-AQT-160-004
Version		Washdown, coated	Washdown, coated	Washdown-Food, coated	Hygienic, stainless steel
Rated output torque	Nm	51	668	175	64
Endurable acceleration torque	Nm	76	1390	400	876
Average output speed	rpm	75	28	181	675
Maximum output speed	rpm	95	67	200	1000
Gear ratio		31.5	59	19.39	4
Transmitter		Resolver	Resolver	Resolver	Digital resolver SFD3, Hiperface DSL
Special features			Circumferential backlash of less than 1 arcmin, holding brake	FDA-compliant coating, lubrication, and bearing grease	Circumferential backlash of 13 arcmin, single cable solution
Benefits		<ul style="list-style-type: none"> <li>Developed for regular cleaning with common cleaning products with pH2 of up to 12</li> <li>Space-saving motor/gearhead technology</li> <li>Increased service life in rough environmental conditions</li> </ul>	<ul style="list-style-type: none"> <li>High peak performance and minimal circumferential backlash</li> <li>Extremely compact design including highest torque efficiency</li> <li>Long service life thanks to washdown coating</li> </ul>	<ul style="list-style-type: none"> <li>Lower energy cost thanks to high efficiency of the servomotor and gearhead</li> <li>Suitable for indirect contact with food products</li> <li>Simple to clean thanks to rounded housing design</li> </ul>	<ul style="list-style-type: none"> <li>Fast to clean thanks to hygienic design and single cable solution</li> <li>Simple startup by means of electronic rating plate and single cable connection technology</li> <li>Reduced risk of food products having to be recalled thanks to hygienic design</li> </ul>