

AKD Technical Demos.

Duplicate Most Setups In Minutes.

This demo consists of an AKD (120/240 Vac, 3 Arms/9A peak) and an AKM31E built in a compact package that easily fits on a desktop, workbench or rolling cart. With I/O switches, potentiometer for analog input and an encoder wheel for electronic gearing, this demo has everything you need to step the AKD through it's paces. Note demo does not come with case.



Part Number: AKD-DEMO-004
AKD Demo with "CN" CanOpen Drive
\$5,300 List

Part Number: AKD-DEMO-005
AKD Demo with AKD "T-NB" AKD BASIC drive
\$5,400 List

Part Number: AKD-DEMO-006
AKD Demo with "EC" AKD EtherCAT drive
\$5,300 List

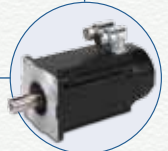
Part Number: AKD-DEMO-007
AKD Demo with AKD "EI" Ethernet IP drive
\$5,300 List

Part Number: AKD-DEMO-008
AKD Demo with AKD "CC" CANopen/EtherCAT drive
\$5,300 List

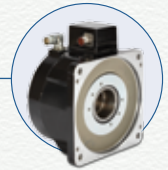
Part Number: AKD-DEMO-009
AKD Demo with AKD "T-IC" BASIC I/O drive
\$5,960 List



Micron™ Gearheads



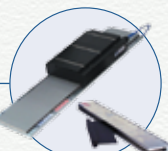
AKM™ Servomotors



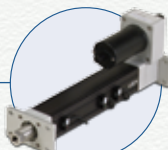
Kollmorgen Cartridge DDR™ Motors



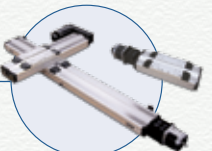
Housed Direct Drive Rotary Motors



Direct Drive Linear Motors



Linear Positioners



Multi-Axis Precision Tables

Powerful Performance. Effortless Flexibility. Simple Integration.

KOLLMORGEN®

Because Motion Matters™

AKD is specifically designed with the versatility, communications, and power you need to expand machine performance and increase integration speeds. Motor set-up is plug-and-play and multiple Ethernet connectivity options provide both open and closed protocols. Online troubleshooting and data verification enable faster, bug-proof programming. And a broad power range in a smaller, compact design allows you to use these robust drives with a single interface.

Easy to Use

- Plug-and-play compatibility with Kollmorgen motors
- Graphical User Interface (GUI) with intuitive icons and screen flow makes navigation, set-up, and programming quick and easy
- Digital signal processor control supports reliable, repeatable steps
- Screw terminal connectors on I/O allow for fast and easy installation. Optically-isolated I/O reduces noise, and eliminates need for additional hardware

Fast

- Accommodates changing load conditions immediately. Current loop updates in 0.67 μ s. Velocity and position loops lead the market at 62.5 μ s and 250 μ s, respectively
- Optimizes efficiency at the click of a button with auto-tuning and wizard-based tuning. Guided manual tuning also standard
- Fast data acquisition with PC-compatible TCP/IP Ethernet service channel
- Real-time performance feedback

Flexible

- Supports a variety of feedback devices—Smart Feedback Device (SFD), EnDat2.2, 01, BiSS, Analog Sine/Cos encoder, incremental encoder, HIPERFACE®, and resolver
- No additional hardware needed for additional programming intelligence
- Multiple bus choices for system optimization, including EtherCAT®, Ethernet/IP®, Profinet®, SynqNet®, CANopen®, and Modbus/TCP.
- Common interface and hardware for 0.5 kW to 16 kW
- SIL-qualified, over-voltage, current, and temperature detection provided for added dependability
- Option cards that increase available I/O, add NVRAM and processing power providing multi-axis machine control capability



General Specifications

120 / 240 Vac 1 & 3 ϕ (85-265 V)	Continuous Current (Arms)	Peak Current (Arms)	Drive Continuous Output Power (watts)	H mm (inches)	W mm (inches)	D mm (inches)	Depth with Cable Bend Radius mm (inches)
AKD-000306	3	9	1100	168 (6.61)	57 (2.24)	153 (6.02)	184 (7.24)
AKD-000606	6	18	2000	168 (6.61)	57 (2.24)	153 (6.02)	184 (7.24)
AKD-001206	12	30	4000	195 (7.68)	76 (2.99)	186 (7.32)	215 (8.46)
AKD-002406	24	48	8000	250 (9.84)	100 (3.94)	230 (9.06)	265 (10.43)
480 Vac 3 ϕ (187-528 V)	Continuous Current (Arms)	Peak Current (Arms)	Drive Continuous Output Power (watts)	H mm (inches)	W mm (inches)	D mm (inches)	Depth with Cable Bend Radius mm (inches)
AKD-000307	3	9	2000	256 (10.08)	70 (2.76)	186 (7.32)	221 (8.70)
AKD-000607	6	18	4000	256 (10.08)	70 (2.76)	186 (7.32)	221 (8.70)
AKD-001207	12	30	8000	256 (10.08)	70 (2.76)	186 (7.32)	221 (8.70)
AKD-002407	24	48	16,000	310 (12.20)	105 (4.13)	229 (9.02)	264 (10.39)



K O L L M O R G E N

| www.kollmorgen.com