

## Kollmorgen - AKM Synchronous Servo Motors

### AKM42S-ANSN2-02



 **Request a Quote**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



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Warranty

The **AKM42S-ANSN2-02** is a part of the **AKM Synchronous Servo Motors Series** by **Kollmorgen**.

## Specifications

<b>Brake System:</b>	Without brake	<b>Connector Arrangement:</b>	Special Connector Arrangement	<b>Feedback Resolution:</b>	2048 lines/rev
<b>Feedback System:</b>	Comcoder	<b>Feedback Turns:</b>	Single turn, optical	<b>Feedback Type:</b>	EPC 15T
<b>Flange Configuration:</b>	IEC with accuracy N	<b>Frame Dimension:</b>	84mm	<b>Product Family:</b>	AKM Synchronous Servo Motor
<b>Rotor Length Index:</b>	2	<b>Shaft Detail:</b>	Smooth Shaft ODrive compatible within certain voltage limits (<56V)	<b>Winding Designation:</b>	Special Winding
<b>Back Emf Constant:</b>	27.5 V/krpm	<b>Drivability:</b>		<b>Encoder Compatibility:</b>	Requires encoder compatible with motor
<b>Maximum Inverter Rms Voltage:</b>	27 Vrms (assuming back emf constant in RMS units)	<b>Modulation Index:</b>	0.8 for ODrive currently	<b>No-load Speed:</b>	Approx. 1000 RPM
<b>Last Verified:</b>	06/05/2025 11:49 PM				

## Contact Us

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## Shipping Options



## Payment Methods

