

## Kollmorgen - AKM Synchronous Servo Motors

### AKM21C-ESDNC-02



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The **AKM21C-ESDNC-02** is a part of the **AKM Synchronous Servo Motors Series** by Kollmorgen.

## Specifications

|                                              |               |                                       |                                                   |                                                   |                                 |
|----------------------------------------------|---------------|---------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------|
| <b>Brake System:</b>                         | Without brake | <b>Connector Arrangement:</b>         | 1 i-tec Hybrid or SpeedTec Ready Hybrid connector | <b>Feedback Turns:</b>                            | Single turn, inductive          |
| <b>Frame Dimension:</b>                      | 58mm          | <b>Product Family:</b>                | AKM Synchronous Servo Motor                       | <b>Rotor Length Index:</b>                        | 1                               |
| <b>Shaft Detail:</b>                         | Special       | <b>Winding Designation:</b>           | C                                                 | <b>Motor Weight (kg):</b>                         | 0.82                            |
| <b>Torque Constant (n-m/arms):</b>           | 0.3           | <b>Rated Power Watts:</b>             | 120 (120 VAC) / 320 (240 VAC)                     | <b>Maximum Speed Rpm:</b>                         | 5630 (120 VAC) / 8000 (240 VAC) |
| <b>Peak Stall Torque (n-m):</b>              | 1.47          | <b>Back Emf Constant (vrms/krpm):</b> | 19.5                                              | <b>Dc Resistance @ 25° C Ohms (line To Line):</b> | 13                              |
| <b>Cont. Stall Torque @ 60°c Rise (n-m):</b> | 0.38          | <b>Continuous Stall Torque (n-m):</b> | 0.48                                              | <b>Last Verified:</b>                             | 07/25/2025 11:53 AM             |

## Contact Us

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## Shipping Options



## Payment Methods



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