



## Kollmorgen - AKM Synchronous Servo Motors

### AKM43K-SSCNEH-03



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The **AKM43K-SSCNEH-03** is a part of the **AKM Synchronous Servo Motors Series** by Kollmorgen.

## Specifications

|                                                    |                       |                                      |                                   |                                              |                |
|----------------------------------------------------|-----------------------|--------------------------------------|-----------------------------------|----------------------------------------------|----------------|
| <b>Brake System:</b>                               | Without brake         | <b>Connector Arrangement:</b>        | 2 SpeedTec<br>Ready connectors    | <b>Flange Configuration:</b>                 | Special Flange |
| <b>Frame Dimension:</b>                            | 84mm                  | <b>Product Family:</b>               | AKM<br>Synchronous<br>Servo Motor | <b>Rotor Length Index:</b>                   | 3              |
| <b>Rated Power Watts @ 240 Vac:</b>                | 1646                  | <b>Peak Stall Current (arms):</b>    | 38.3                              | <b>Number Of Poles:</b>                      | 10             |
| <b>Maximum Speed Rpm @ 120 Vac:</b>                | 3340                  | <b>Ambient Temp. (°c):</b>           | 40                                | <b>Torque Constant (n-m/arms):</b>           | 0.51           |
| <b>Continuous Stall Torque (n-m) @ 120 Vac:</b>    | 4.9                   | <b>Thermal Resistance (°c/watt):</b> | 0.7                               | <b>Cont. Stall Torque @ 60°c Rise (n-m):</b> | 3.92           |
| <b>Dc Resistance @ 25° C (ohms, Line To Line):</b> | 0.74                  | <b>Rotor Inertia (kg-m²):</b>        | 0.000209                          | <b>Back Emf Constant (vrms/krpm):</b>        | 33.2           |
| <b>Last Verified:</b>                              | 09/04/2025<br>7:40 PM |                                      |                                   |                                              |                |

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods



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