

## Beckhoff - AM Synchronous Servo Motors

### AM8033-0EH0-0000



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The **AM8033-0EH0-0000** is a part of the **AM Synchronous Servo Motors Series** by **Beckhoff**.

## Specifications

<b>Ambient Temperature (operation):</b> 5...40°C	<b>Connection:</b> Rotatable angular connector or terminal box	<b>Cooling:</b> Convection
<b>Feedback Resolution:</b> 24-bit	<b>Feedback Type:</b> OCT multi-turn Resolver, Single-turn or multi-turn absolute encoder with electronic nameplate	<b>Flange Size:</b> 72 mm
<b>Holding Brake:</b> Without holding brake	<b>Motor Feedback:</b> Synchronous Servomotors	<b>Motor Series Type:</b> Standard
<b>Nominal Voltage:</b> 100...480 V AC	<b>Overall Length Code:</b> 3	<b>Peak Current:</b> 12.9 A RMS
<b>Peak Torque:</b> 17.19 Nm	<b>Product Series:</b> 3000 min <sup>±1</sup>	<b>Protection Rating:</b> IP54, IP65 (with shaft seal)
<b>Rated Power:</b> 0.94 kW	<b>Rated Speed:</b> 3000 min <sup>±1</sup>	<b>Rated Torque:</b> 2.98 Nm
<b>Rotor Moment Of Inertia:</b> 1.23 kg·cm <sup>2</sup>	<b>Safety Integrity Level:</b> SIL 2	<b>Shaft Design:</b> Smooth shaft
<b>Standstill Current:</b> 2.10 A RMS	<b>Standstill Torque:</b> 3.20 Nm	<b>Torque Constant:</b> 1.52 Nm/A
<b>Version:</b> Standard	<b>Winding Code:</b> E	<b>Last Verified:</b> 05/18/2026 7:36 PM

## Contact Us

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## Shipping Options



## Payment Methods

