

## Beckhoff - AM Synchronous Servo Motors

### AM8042-0F20-0000



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- Get a Quote in 5 minutes
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- Up to half the cost of the manufacturer



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Warranty

The **AM8042-0F20-0000** 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 Method:</b>	Convection
<b>Current:</b>	4.1 Nm	<b>Feedback Type:</b>	OCT multi-turn	<b>Flange Size:</b>	87 mm
<b>Holding Brake:</b>	Without holding brake	<b>Motor Series Type:</b>	Standard	<b>Nominal Voltage:</b>	400 V AC
<b>Overall Length Code:</b>	2	<b>Peak Current:</b>	22.7 A	<b>Peak Torque:</b>	18.9 Nm
<b>Product Series:</b>	Synchronous Servomotors	<b>Protection Class:</b>	IP54 / IC400	<b>Rated Power:</b>	1.94 kW
<b>Rated Speed:</b>	5000 min <sup>-1</sup>	<b>Rated Torque:</b>	3.70 Nm	<b>Rotor Moment Of Inertia:</b>	1.98 kg·cm <sup>2</sup>
<b>Shaft Design:</b>	Smooth shaft	<b>Standstill Current:</b>	4.10 A	<b>Standstill Torque:</b>	4.10 Nm
<b>Torque Constant:</b>	1.00 Nm/A	<b>Version:</b>	Standard	<b>Winding Code:</b>	F
<b>Last Verified:</b>	05/19/2026 1:23 PM				

## Contact Us

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## Shipping Options



## Payment Methods

