

**B & R Automation - 8JS Synchronous Motors**

**8JSA54.EB050D200-0**



 **In-Stock, Ships 3-5 Days**

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



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The **8JSA54.EB050D200-0** is a part of the **8JS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Connection Direction:</b>	Angled (swivel connector)	<b>Cooling Method:</b>	Self-cooling	<b>Electrical Time Constant:</b>	5.4 ms
<b>Encoder Precision:</b>	±180 arcsec	<b>Encoder Resolution:</b>	19/12 (bits S/M)	<b>Encoder Revolutions:</b>	4096
<b>Encoder System:</b>	Inductive EnDat 2.1	<b>Encoder Turn:</b>	Multi-turn	<b>Flange Size:</b>	58 mm
<b>Holding Brake Torque:</b>	14.5 Nm	<b>Holding Brake Type:</b>	Standard	<b>Housing Material:</b>	Aluminum
<b>Max Rotational Speed:</b>	6000 rpm	<b>Motor Length:</b>	4	<b>Motor Size:</b>	5
<b>Mounting Style:</b>	Flange mounting	<b>Nominal Speed:</b>	5000 RPM	<b>Oil Seal:</b>	No
<b>Operating Temperature Range:</b>	-40°C to +85°C	<b>Output Type:</b>	EtherCAT	<b>Power Supply:</b>	10 - 30 VDC
<b>Product Series:</b>	8JSA	<b>Product Type:</b>	8JS Series Synchronous Motor	<b>Protection Class:</b>	IP65
<b>Rated Voltage Constant:</b>	72.9 V/1000 rpm	<b>Shaft Diameter:</b>	10 mm	<b>Shaft End:</b>	Smooth shaft
<b>Stator Impedance:</b>	0.65 Ohms	<b>Last Verified:</b>	05/29/2026 6:54 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@wakeindustrial.com](mailto:sales@wakeindustrial.com)

**Shipping Options**



**Payment Methods**

