

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

**8LSA56.S0045D200-1**

 **In-Stock, Ships 1-2 Days**



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- Up to half the cost of the manufacturer



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The **8LSA56.S0045D200-1** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Configuration Summary:</b>	8LSA: Standard, no reinforced bearing	<b>Connection direction:</b>	Angled (swivel)	<b>Connection Hardware:</b>	Connector
<b>Connection Type:</b>	Angular connector	<b>Continuous Stall Torque:</b>	2.00 Nm	<b>Cooling Principle:</b>	Self-cooling, free circulation
<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Optical EnDat	<b>EnDat Version:</b>	2.2
<b>Feedback Type:</b>	Single turn EnDAT 2.2	<b>Flange Dimension:</b>	142 (mm)	<b>Holding Brake:</b>	Standard holding brake
<b>Ip Rating:</b>	IP65	<b>Length Code:</b>	6	<b>Maximum installation height without derating:</b>	1000m
<b>Motor Series:</b>	8LS	<b>Motor Size:</b>	56	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present	<b>Outdoor operation:</b>	Not allowed
<b>Peak Current:</b>	7.7 A	<b>Rated Current:</b>	2.6 A	<b>Rated Speed:</b>	4500 (rpm)
<b>Rated Voltage:</b>	400 V	<b>Resolution:</b>	25/0 (Single/Multi-turn bits)	<b>Rotor Moment Of Inertia:</b>	0.31 x 10 <sup>-4</sup> kgm <sup>2</sup>
<b>Shaft End:</b>	Smooth shaft	<b>Thermal Time Constant:</b>	18 min	<b>Turn Capability:</b>	Single-turn
<b>Weight:</b>	2.1 kg	<b>Last Verified:</b>	05/18/2026 11:52 PM		

**Contact Us**

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**Shipping Options**



**Payment Methods**



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