

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

**8LSA55.EB045D200-3**



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

- Get a Quote in 5 minutes
- Parts ship in as little as 24 hours
- Up to half the cost of the manufacturer



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The **8LSA55.EB045D200-3** 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>Cooling Principle:</b>	Self-cooling, free circulation	<b>Cooling Type:</b>	Natural	<b>Designation:</b>	8LSA
<b>Encoder Technology:</b>	Inductive EnDat	<b>Encoder Type:</b>	Absolute single-turn	<b>EnDat Version:</b>	2.1
<b>Flange Dimension:</b>	142 (mm)	<b>Frame Size:</b>	55 mm	<b>Holding Brake:</b>	Standard holding brake
<b>Length Code:</b>	5	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange
<b>Oil Seal:</b>	Not Present	<b>Peak Torque:</b>	6.5 Nm	<b>Product Revision:</b>	3
<b>Protection Class:</b>	IP65	<b>Rated Current:</b>	4.2 A	<b>Rated Power:</b>	0.94 kW
<b>Rated Speed:</b>	4500 (rpm)	<b>Rated Torque:</b>	2.0 Nm	<b>Rated Voltage:</b>	230 V
<b>Resolution:</b>	19/12 (Single/Multi-turn bits)	<b>Shaft Diameter:</b>	14 mm	<b>Shaft End:</b>	Smooth shaft
<b>Turn Capability:</b>	Multi-turn (4096 revs)	<b>Weight:</b>	3.2 kg	<b>Last Verified:</b>	05/18/2026 4:33 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**



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