

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

**8LSA45.ea045d000-0**



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- Up to half the cost of the manufacturer



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The **8LSA45.ea045d000-0** 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 Hardware:</b>	Connector	<b>Cooling Principle:</b>	Self-cooling, free circulation
<b>Designation:</b>	8LSA	<b>Encoder Type:</b>	Absolute multiturn, EnDAT	<b>Flange Dimension:</b>	100 (mm)
<b>Flange Size:</b>	74 mm	<b>Length Code:</b>	5	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Peak Current:</b>	6.7 A	<b>Peak Torque:</b>	3.7 Nm
<b>Rated Current:</b>	1.7 A	<b>Rated Power:</b>	0.38 kW	<b>Rated Speed:</b>	4500 (rpm)
<b>Rated Torque:</b>	1.2 Nm	<b>Torque Constant:</b>	0.72 Nm/A	<b>Voltage Constant:</b>	53.2 V/1000rpm
<b>Winding Inductance:</b>	12.5 mH	<b>Winding Resistance:</b>	2.93 Ohm	<b>Last Verified:</b>	06/09/2026 6:18 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**



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