

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

**8LSA44.R0045D000-0**



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The **8LSA44.R0045D000-0** 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 direction:</b>	Angled (swivel)	<b>Connection Hardware:</b>	Connector
<b>Continuous Current:</b>	3.92 A	<b>Continuous Stall Torque:</b>	2.9 Nm	<b>Cooling Principle:</b>	Self-cooling, free circulation
<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Resolver	<b>Family:</b>	8LSA
<b>Flange Dimension:</b>	100 (mm)	<b>Holding Brake:</b>	Not Present	<b>Length Code:</b>	4
<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present
<b>Peak Current:</b>	29.5 A	<b>Peak Stall Torque:</b>	24 Nm	<b>Precision:</b>	10 arcmin
<b>Rated Power:</b>	1.36 kW	<b>Rated Speed:</b>	4500 (rpm)	<b>Rotor Moment Of Inertia:</b>	0.41 kgcm <sup>2</sup>
<b>Shaft End:</b>	Smooth shaft	<b>Size:</b>	44	<b>Voltage Constant:</b>	69.9 V/1000rpm
<b>Weight:</b>	5.7 kg	<b>Last Verified:</b>	05/18/2026 9:40 AM		

**Contact Us**

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**Shipping Options**



**Payment Methods**

