

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

**8LSA46.R0030D000-0**



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The **8LSA46.R0030D000-0** 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>Connection Type:</b>	Connector	<b>Cooling Method:</b>	Natural cooling	<b>Cooling Principle:</b>	Self-cooling, free circulation
<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Resolver	<b>Feedback:</b>	Absolute Encoder
<b>Flange Dimension:</b>	100 (mm)	<b>Flange Size:</b>	70 mm	<b>Holding Brake:</b>	Not Present
<b>Length Code:</b>	6	<b>Moment Of Inertia:</b>	0.0030 kgm <sup>2</sup> (typical)	<b>Motor Length:</b>	46
<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present
<b>Precision:</b>	10 arcmin	<b>Protection Class:</b>	IP65	<b>Rated Speed:</b>	3000 (rpm)
<b>Rated Torque:</b>	3.0 Nm	<b>Rated Voltage:</b>	400 V	<b>Shaft Diameter:</b>	14 mm
<b>Shaft End:</b>	Smooth shaft	<b>Weight:</b>	Approx. 3.5 kg	<b>Last Verified:</b>	05/19/2026 9:38 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**

