

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

**8LSA44.R2045D100-3**

 **In-Stock, Ships 1-2 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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One Year  
Warranty

The **8LSA44.R2045D100-3** 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 Method:</b>	Natural convection	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>cUR:</b>	Approved
<b>Designation:</b>	8LSA	<b>Durable:</b>	Yes	<b>Encoder Technology:</b>	Resolver
<b>Flange Dimension:</b>	100 (mm)	<b>Flange Size:</b>	100 mm	<b>Heavy-Duty:</b>	Yes
<b>Holding Brake:</b>	Not Present	<b>Incremental Encoder:</b>	EnDat 2.2 / HIPERFACE	<b>Length Code:</b>	4
<b>Maximum Torque:</b>	27.6 Nm	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange
<b>Oil Seal:</b>	Not Present	<b>Output Shaft:</b>	Keyed shaft	<b>Precision:</b>	6 arcmin
<b>Product Revision:</b>	3	<b>Rated Power:</b>	2.8 kW	<b>Rated Speed:</b>	4500 (rpm)
<b>Rated Torque:</b>	9.2 Nm	<b>Rated Voltage:</b>	400 V	<b>Shaft End:</b>	With key
<b>Ucl:</b>	Approved	<b>Last Verified:</b>	05/19/2026 3:03 AM		

**Contact Us**

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**Shipping Options**



**Payment Methods**



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