

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

**8LSA44.E2030D100-0**



 **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.E2030D100-0** 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>Cooling Principle:</b>	Self-cooling, free circulation	<b>Designation:</b>	8LSA	<b>Electrical Time Constant te:</b>	3.45 ms
<b>Feedback Type:</b>	Singleturn absolute encoder	<b>Flange Dimension:</b>	100 (mm)	<b>Holding Brake:</b>	Not Present
<b>Ip Rating:</b>	IP65	<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>	15.92 A
<b>Rated Current:</b>	2.84 A	<b>Rated Power:</b>	1.45 kW	<b>Rated Speed:</b>	3000 (rpm)
<b>Rated Torque:</b>	4.62 Nm	<b>Shaft End:</b>	With key	<b>Stalled Current:</b>	3.69 A
<b>Stator Inductance:</b>	24 mH	<b>Stator resistance:</b>	3.45 Ohm	<b>Torque Constant KT:</b>	1.63 NmVA
<b>Voltage Constant KE:</b>	98.43 VV/1000 min1	<b>Weight:</b>	Approx. 7.9 kg	<b>Last Verified:</b>	06/09/2026 2:06 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**



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