

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

**8LSA44.EA030D100-3**

 **In-Stock, Ships 3-5 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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The **8LSA44.EA030D100-3** 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 Principle:</b>	Self-cooling, free circulation	<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Inductive EnDat
<b>EnDat Version:</b>	2.1	<b>Feedback:</b>	Single Turn Absolute Encoder	<b>Flange Dimension:</b>	100 (mm)
<b>Frame Size:</b>	44	<b>Holding Brake:</b>	Not Present	<b>Holding Torque:</b>	13.5 Nm
<b>Length Code:</b>	4	<b>Maximum Current:</b>	6.8 A (for peak torque)	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present	<b>Product Revision:</b>	3
<b>Protection Class:</b>	IP65	<b>Rated Power:</b>	3.16 kW	<b>Rated Power (PN):</b>	1.45 kW
<b>Rated Speed:</b>	3000 (rpm)	<b>Rated Torque:</b>	10.0 Nm	<b>Rated Torque (MN):</b>	4.62 Nm (at 3000 RPM)
<b>Rated Voltage:</b>	400 VAC	<b>Resolution:</b>	19/0 (Single/Multi-turn bits)	<b>Shaft End:</b>	With key
<b>Stall Current:</b>	2.77 A	<b>Stall Torque (M0):</b>	6.16 Nm	<b>Turn Capability:</b>	Single-turn
<b>Last Verified:</b>	05/19/2026 7:31 AM				

**Contact Us**

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**Shipping Options**



**Payment Methods**



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