

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

**8LSA44.DA045S200-3**



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- Up to half the cost of the manufacturer



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The **8LSA44.DA045S200-3** 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>	Single-cable solution (hybrid)	<b>Connection Hardware:</b>	Connector
<b>Cooling Method:</b>	Self-cooled (convection)	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>Current:</b>	Nominal current estimate: 9.5 A
<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Inductive EnDat	<b>EnDat Version:</b>	2.2
<b>Feedback:</b>	Digital Encoder (DA = digital absolute)	<b>Flange Dimension:</b>	100 (mm)	<b>Flange Size:</b>	100 mm
<b>Frame Size:</b>	44 (approx. 100 mm)	<b>Holding Brake:</b>	Standard holding brake	<b>Ip Rating:</b>	IP65
<b>Length Code:</b>	4	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange
<b>Nominal Speed:</b>	4500 rpm	<b>Nominal Voltage:</b>	400 V	<b>Oil Seal:</b>	Not Present
<b>Product Revision:</b>	3	<b>Rated Power:</b>	Approx. 4.5 kW	<b>Rated Speed:</b>	4500 (rpm)
<b>Rated Torque:</b>	Synchronous torque typically around 21 Nm	<b>Resolution:</b>	19/0 (Single/Multi-turn bits)	<b>Shaft End:</b>	Smooth shaft
<b>Turn Capability:</b>	Single-turn	<b>Voltage:</b>	400 V AC	<b>Last Verified:</b>	06/09/2026 11:47 AM

**Contact Us**

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: [sales@wakeindustrial.com](mailto:sales@wakeindustrial.com)

**Shipping Options**



**Payment Methods**

