

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

**8LSA46.EB030D100-3**



 **In-Stock, Ships 3-5 Days**

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- Up to half the cost of the manufacturer



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The **8LSA46.EB030D100-3** 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>Flange Dimension:</b>	100 (mm)	<b>Frame Size:</b>	46
<b>Holding Brake:</b>	Not Present	<b>Length Code:</b>	6	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present	<b>Peak Torque:</b>	28 Nm
<b>Product Revision:</b>	3	<b>Protection Class:</b>	IP65	<b>Rated Current:</b>	11.2 A
<b>Rated Power:</b>	3.0 kW	<b>Rated Speed:</b>	3000 (rpm) 19/12 (Single/Multi-turn bits)	<b>Rated Torque:</b>	9.5 Nm
<b>Rated Voltage:</b>	320 V	<b>Resolution:</b>		<b>Shaft End:</b>	With key
<b>Turn Capability:</b>	Multi-turn (4096 revs)	<b>Winding Code:</b>	EB	<b>Last Verified:</b>	05/19/2026 1:07 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**



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