

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

**8LSA57.S1045D200-1**

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

- Get a Quote in 5 minutes
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- Up to half the cost of the manufacturer



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The **8LSA57.S1045D200-1** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Ambient Operating Temperature:</b>	0...+40°C	<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>	Optical EnDat Standard holding brake	<b>EnDat Version:</b>	2.2	<b>Flange Dimension:</b>	142 (mm) Three-phase synchronous
<b>Holding Brake:</b>	Standard holding brake	<b>Length Code:</b>	7	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Number of poles:</b>	8	<b>Oil Seal:</b>	Not Present
<b>Operating Temperature:</b>	-40°C to +100°C	<b>Peak Current:</b>	79.7 A	<b>Peak Torque:</b>	60 Nm
<b>Rated Current:</b>	13.64A	<b>rated power:</b>	7.07kW	<b>Rated Speed:</b>	4500 (rpm)
<b>rated torque:</b>	15 Nm	<b>Resolution:</b>	25/12 (Single/Multi-turn bits)	<b>Shaft End:</b>	Smooth shaft
<b>Stall Torque:</b>	20 Nm	<b>Stalled Current:</b>	18.18 A	<b>Turn Capability:</b>	Multi-turn (4096 revs)
<b>Weight:</b>	1.5 kg	<b>Last Verified:</b>	05/19/2026 2:26 AM		

**Contact Us**

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**Shipping Options**



**Payment Methods**



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