

## B & R Automation - 8LS Synchronous Motors

# 8LSA45.E0030D100-0

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The **8LSA45.E0030D100-0** 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 Method:</b>	Self-cooled	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>Designation:</b>	8LSA
<b>Encoder Technology:</b>	Optical EnDat	<b>Encoder Type:</b>	Single-turn absolute encoder	<b>EnDat Version:</b>	2.1
<b>Flange Dimension:</b>	100 (mm)	<b>Flange Size:</b>	100 mm	<b>Holding Brake:</b>	Not Present
<b>Length Code:</b>	5	<b>Max Torque:</b>	9.6 Nm	<b>Motor Type:</b>	Three-phase synchronous
<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present	<b>Protection Class:</b>	IP65
<b>Rated Power:</b>	1.0 kW	<b>Rated Speed:</b>	3000 (rpm)	<b>Rated Torque:</b>	3.2 Nm
<b>Rated Voltage:</b>	230 V	<b>Resolution:</b>	13/0 (Single/Multi-turn bits)	<b>Shaft Diameter:</b>	19 mm
<b>Shaft End:</b>	With key	<b>Thermal Class:</b>	F	<b>Turn Capability:</b>	Single-turn
<b>Last Verified:</b>	05/19/2026 1:16 AM				

## Contact Us

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## Shipping Options



## Payment Methods

