

## B & R Automation - 8LS Synchronous Motors

# 8LSA55.D0030D000-1

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The **8LSA55.D0030D000-1** 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>Connection Type:</b>	Plug	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>Cooling Type:</b>	Natural (uncooled / convection)
<b>Designation:</b>	8LSA	<b>Encoder Technology:</b>	Optical EnDat	<b>Encoder Type:</b>	Multi-turn absolute encoder
<b>EnDat Version:</b>	2.2	<b>Flange Dimension:</b>	142 (mm)	<b>Flange Type:</b>	Square
<b>Frame Size:</b>	55	<b>Holding Brake:</b>	Not Present	<b>Length Code:</b>	5
<b>Motor Length:</b>	D	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange
<b>Oil Seal:</b>	Not Present	<b>Rated Current:</b>	6.9 A	<b>Rated Power:</b>	1.20 kW
<b>Rated Speed:</b>	3000 (rpm)	<b>Rated Torque:</b>	3.8 Nm	<b>Rated Voltage:</b>	230 V
<b>Resolution:</b>	25/0 (Single/Multi-turn bits)	<b>Rotor Inertia:</b>	0.44 kg·cm <sup>2</sup> (rotor only)	<b>Shaft End:</b>	Smooth shaft
<b>Torque Constant:</b>	0.77 Nm/A	<b>Turn Capability:</b>	Single-turn	<b>Voltage Constant:</b>	38 V/1000 rpm
<b>Last Verified:</b>	05/18/2026 8:50 PM				

## Contact Us

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## Shipping Options



## Payment Methods

