

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

**8LSN55.EB030D000-0**

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The **8LSN55.EB030D000-0** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Availability:</b>	Mounting flange	<b>Configuration Summary:</b>	Standard Configuration	<b>Connection direction:</b>	Angled (swivel)
<b>Cooling Principle:</b>	Self-cooling, increased mass moment of inertia	<b>Designation:</b>	8LSN	<b>Encoder Technology:</b>	Inductive EnDat
<b>Encoder Type:</b>	Singleturn absolute encoder	<b>EnDat Version:</b>	2.1	<b>Flange Dimension:</b>	142 (mm)
<b>Frame Size:</b>	55	<b>Holding Brake:</b>	Not Present	<b>Length Code:</b>	5
<b>Max Speed:</b>	Up to 6000 rpm (varies by configuration)	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Type:</b>	Flange mounting
<b>Oil Seal:</b>	Not Present	<b>Protection Class:</b>	IP65	<b>Rated Power:</b>	Typically between 0.5 kW - 2.5 kW (varies by sub-variant)
<b>Rated Speed:</b>	3000 (rpm)	<b>Rated Torque:</b>	Typically 1.7 Nm (exact value may vary)	<b>Resolution:</b>	19/12 (Single/Multi-turn bits)
<b>Shaft End:</b>	Smooth shaft	<b>Shaft Version:</b>	000	<b>Stack Length:</b>	030
<b>Turn Capability:</b>	Multi-turn (4096 revs)	<b>Winding Type:</b>	D	<b>Resolution:</b>	05/19/2026 10:13 AM

**Contact Us**

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**Shipping Options**



**Payment Methods**

