

B & R Automation - 8LS Synchronous Motors

8LSA46.EA030D000-3

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The **8LSA46.EA030D000-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Angular Inertia:	4.39 kgxm ²	Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Angled (swivel)
Connection Hardware:	Connector	Connector Output:	Axial	Cooling Principle:	Self-cooling, free circulation
Designation:	8LSA	Encoder Technology:	Inductive EnDat	Encoder Type:	Single-turn, EnDat 2.2
EnDat Version:	2.1	Flange Dimension:	100 (mm)	Flange Size:	100 mm
Holding Brake:	Not Present	Length Code:	6	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Oil Seal:	Not Present	Precision:	120 arcseconds
Product Revision:	3	Protection Class:	IP65	Rated Power:	3.0 kW
Rated Speed:	3000 (rpm)	Rated Voltage:	400 V	Resolution:	19/0 (Single/Multi-turn bits)
Shaft End:	Smooth shaft	Stator Impedance:	1.92 ohm	Thermal Sensor:	PTC
Thermal Time Constant:	40 minutes	Turn Capability:	Single-turn	Last Verified:	05/18/2026 10:30 AM

Contact Us

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Shipping Options



Payment Methods



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