

B & R Automation - 8LS Synchronous Motors

8LSA44.EB022D000-3

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The **8LSA44.EB022D000-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Angled (swivel)	Connection Hardware:	Connector
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Inductive EnDat
EnDat Version:	2.1	Flange Dimension:	100 (mm)	Holding Brake:	Not Present
Length Code:	4	Maximum current:	21.9 A	Maximum speed:	12000 rpm
Maximum torque:	22.8 Nm	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
nominal power:	1451 W	Nominal speed nN:	3000 RPM	Nominal Torque:	4.62 Nm
Number of pole pairs:	5	Oil Seal:	Not Present	Product Revision:	3
Rated Speed:	2200 (rpm)	Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft
Stall current:	6 Nm	Stall torque:	2.8 A	Stator resistance:	3.6 Ohm
Torque constant:	1.63 Nm/A	Turn Capability:	Multi-turn (4096 revs)	Voltage constant:	98.44V/1000 rpm
Last Verified:	05/19/2026 12:09 PM				

Contact Us

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Shipping Options



Payment Methods



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