

B & R Automation - 8LS Synchronous Motors

8LSA53.DB022S900-3

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The **8LSA53.DB022S900-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Single-cable solution (hybrid)	Connection Hardware:	Connector
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Inductive EnDat
EnDat Version:	2.2	Flange Dimension:	142 (mm)	Holding Brake:	Standard holding brake
Length Code:	3	Maximum current:	8 A	Maximum speed:	9000 rpm
Maximum torque:	13.8 Nm	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Nominal current:	1.9 A	Nominal power:	968 W	Nominal speed:	2200 rpm
Number of poles pairs:	4	Oil Seal:	Present	Operating torque:	4.2 Nm
Product Revision:	3	Rated Speed:	2200 (rpm)	Resolution:	19/12 (Single/Multi-turn bits)
Shaft End:	With key	Stall current:	2 A	Stall torque:	4.5 Nm
Torque constant:	2.22 Nm/A	Turn Capability:	Multi-turn (4096 revs)	Last Verified:	05/18/2026 9:25 AM

Contact Us

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Shipping Options



Payment Methods



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