

B & R Automation - 8LS Synchronous Motors

8LSA44.DA030S000-3



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The **8LSA44.DA030S000-3** 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	Electrical Time Constant:	6.7 ms
Encoder Technology:	Inductive EnDat	EnDat Version:	2.2	Flange Dimension:	100 (mm)
Holding Brake:	Not Present	Length Code:	4	Maximum Current:	21.9 A
Maximum Torque:	22.8 Nm	Moment Of Inertia:	2.73 kgcm ²	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Nominal Current:	2.8 A	Nominal Power:	1451 W
Nominal Torque:	4.62 Nm	Oil Seal:	Not Present	Product Revision:	3
Rated Speed:	3000 (rpm)	Resolution:	19/0 (Single/Multi-turn bits)	Shaft End:	Smooth shaft
Stall Torque:	6 Nm	Stator Inductance:	24 mH	Stator Resistance:	3.6 ?
Thermal Time Constant:	30 min	Torque Constant:	1.63 Nm/A	Turn Capability:	Single-turn
Voltage Constant:	98.44 V/1000 rpm	Weight Without Brake:	5.4 kg	Last Verified:	05/18/2026 3:52 PM

Contact Us

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Shipping Options



Payment Methods



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