

B & R Automation - 8LS Synchronous Motors

8LSAA4.D9045S000-3

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The **8LSAA4.D9045S000-3** 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	Cooling Type:	Natural convection	Designation:	8LSA
Encoder Technology:	Inductive EnDat	EnDat Version:	2.2	Flange Dimension:	70 (mm)
Holding Brake:	Not Present	Housing Material:	Aluminum	Length Code:	4
Moment of inertia:	1.1 kgcm ²	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Nominal Power:	1319 W	Nominal Speed:	4500 RPM	Nominal Torque:	2.8 Nm
Number of Pole pairs:	5	Oil Seal:	Not Present	Product Revision:	3
Protection Class:	IP65	Rated Speed:	4500 (rpm)	Resolution:	19/12 (Single/Multi-turn bits)
Shaft End:	Smooth shaft	stall Current:	2.89 A	Stator Inductance:	12.4 mH
Stator resistance:	5.3 Ohm	Thermal Time Constant:	38 m	Turn Capability:	Multi-turn (4096 revs)
Last Verified:	05/18/2026 7:18 PM				

Contact Us

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Shipping Options



Payment Methods



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