

B & R Automation - 8LS Synchronous Motors

8LSA54.DB020S900-3

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The **8LSA54.DB020S900-3** 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:	4	Max. ambient temperature during operation:	+55°C	Max. flange temperature:	65 °C
Maximum installation elevation:	2000 m	Maximum speed:	9000 rpm	Maximum torque:	27.6 Nm
Moment of inertia:	6.04 kgcm ²	Motor encoder system:	Inductive EnDat encoder	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Number of pole pairs:	4	Oil Seal:	Present
Product Revision:	3	Rated speed:	2000 (rpm)	Rating class, operating mode per EN 60034-1:	S1 - Continuous operation
Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	With key	Shipping Options:	9 Nm
Thermal time constant:	37 min	Turn Capability:	Multi-turn (4096 rev)	Weight:	5.5 kg

Contact Us

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Payment Methods



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