

B & R Automation - 8LS Synchronous Motors

8LSA57.DB045S000-3



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The **8LSA57.DB045S000-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Bearing Type:	Grooved ball bearings, sealed and greased	Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Single-cable solution (hybrid)
Connection Hardware:	Connector	Connection Orientation:	Angled swivel connector	Cooling Method:	Natural Convection
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Embedded Parameter Chip:	Yes
Encoder Technology:	Inductive EnDat	EnDat Version:	2.2	Feedback Type:	Digital Encoder
Flange Dimension:	142 (mm)	Flange Size:	Square 70 mm	Frame Size:	57 mm
Holding Brake:	Not Present	Length Code:	7	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Number of Pole Pairs:	4	Oil Seal:	Not Present
Product Revision:	3	Protection Class:	IP65	Rated Power:	750 W
Rated Speed:	4500 (rpm)	Rated Torque:	2.4 Nm	Rated Voltage:	230 V
Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft	Stall Torque:	2.7 Nm
Turn Capability:	Multi-turn (4096 revs)	Last Verified:	05/18/2026 11:02 PM		

Contact Us

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Shipping Options



Payment Methods

