

B & R Automation - 8LS Synchronous Motors

8LSA57.E1045D000-0

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The **8LSA57.E1045D000-0** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Angled (swivel)	Connection Hardware:	Connector
Connection Type:	Circular connector	Continuous Torque:	2.4 Nm	Cooling Method:	Self-cooled
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Switching Frequency:	>60 kHz
Encoder Technology:	Optical EnDat	Encoder Type:	Single-turn absolute encoder	EnDat Version:	2.1
Flange Dimension:	142 (mm)	Holding Brake:	Not Present	Length Code:	7
Motor Frame Size:	57 mm	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Nominal Voltage:	400 V	Number of Pole Pairs:	4	Oil Seal:	Not Present
Peak Torque:	5.0 Nm	Protection Class:	IP65	Rated Current:	3.2 A
Rated Power:	0.75 kW	Rated Speed:	4500 (rpm)	Resolution:	13/12 (Single/Multi-turn bits)
Shaft End:	Smooth shaft	Stator Impedance:	0.29 ?	Turn Capability:	Multi-turn (4096 revs)
Type Code:	E1045D000-0	Last Verified:	05/19/2026 9:26 AM		

Contact Us

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Shipping Options



Payment Methods

