

B & R Automation - 8LS Synchronous Motors

8LSA54.E0022D000-0



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The **8LSA54.E0022D000-0** 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:	Rotatable connectors	Cooling Principle:	Self-cooling, free circulation	Cooling Type:	Self-cooling
Designation:	8LSA	Encoder Technology:	Optical EnDat	Encoder Type:	EnDat 2.2 absolute multiturn
EnDat Version:	2.1	Flange Dimension:	142 (mm)	Frame Size:	54
Holding Brake:	Not Present	Length Code:	4	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Oil Seal:	Not Present	Peak Torque:	21.5 Nm
Protection Class:	IP65	Rated Power:	2.2 kW	Rated Speed:	2200 (rpm)
Rated Torque:	7.15 Nm	Rated Voltage:	400 V	Resolution:	13/0 (Single/Multi-turn bits)
Shaft End:	Smooth shaft	Stall Torque:	7.2 Nm	Turn Capability:	Single-turn
Last Verified:	05/18/2026 7:52 AM				

Contact Us

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Shipping Options



Payment Methods

