

B & R Automation - 8LS Synchronous Motors

8LSA65.EB045D200-1



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The **8LSA65.EB045D200-1** 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
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Inductive EnDat
EnDat Version:	2.1	Feedback:	EnDat 2.2 / Singleturn	Flange Design:	Standard
Flange Dimension:	190 (mm)	Frame Size:	65	Holding Brake:	Standard holding brake
Length Code:	5	Max Speed:	6000 rpm	Motor Length:	EB
Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange	Oil Seal:	Not Present
Protection Class:	IP65	Rated Power:	4.5 kW	Rated Speed:	4500 (rpm)
Rated Torque:	13.5 Nm	Rated Voltage:	400 V	Recommended Cable Cross-Section:	1.5mm ² B&R motor cable
Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft	Thermal Time Constant:	30 minutes
Torque Constant (Kt):	0.98Nm/A	Turn Capability:	Multi-turn (4096 revs)	Warranty:	One-year

Contact Us

Last Verified: 06/08/2026 8:47 PM
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Shipping Options



Payment Methods

