

B & R Automation - 8LS Synchronous Motors

8LSA36.S1045C200-0



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The **8LSA36.S1045C200-0** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Straight (top connector)	Connection Hardware:	Connector
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Optical EnDat
EnDat Version:	2.2	Flange Dimension:	91.3 (mm)	Holding Brake:	Standard holding brake
Length Code:	6	Maximum Angular Acceleration without Brake:	100000 rad/s ²	Maximum Speed:	12000 min ⁻¹
Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange	Number of poles:	4
Oil Seal:	Not Present	Peak Current:	13.3 A	Peak Torque:	12 Nm
Rated Current:	2.27 A	Rated Power:	1.04 kW	Rated Speed:	4500 (rpm)
Rated Torque:	2.2 Nm	Resolution:	25/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft
Stall Torque:	3 Nm	Stalled Current:	3.09 A	Torque Constant:	0.97 Nm/A
Turn Capability:	Multi-turn (4096 revs)	Last Verified:	06/08/2026 10:36 PM		

Contact Us

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Shipping Options



Payment Methods

