

B & R Automation - 8LS Synchronous Motors

8LSA36.R2045D000-3

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The **8LSA36.R2045D000-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Back EMF Constant:	87.96 V/1000 RPM	Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Angled (swivel)
Connection Hardware:	Connector	Connection Type:	Rotatable connectors	Constant Torque:	1.45 Nm/A
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Electrical Time Constant:	5.5 ms
Encoder Technology:	Resolver	Feedback Type:	Singleturn Absolute Encoder	Flange Dimension:	91.3 (mm)
Frame Size:	36 (approx. 100 mm square)	Holding Brake:	Not Present	Length Code:	6
Maximum Speed:	9000 RPM	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Oil Seal:	Not Present	Peak Torque:	13.5 Nm	Precision:	6 arcmin
Product Revision:	3	Protection Class:	IP65	Rated Current:	6.4 A
Rated Power:	2.0 kW	Rated Speed:	4500 (rpm)	Rated Torque:	4.5 Nm
Shaft End:	Smooth shaft	Voltage:	400 V	Last Verified:	06/09/2026 11:08 AM

Contact Us

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Shipping Options



Payment Methods



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