

B & R Automation - 8LS Synchronous Motors

8LSA54.R2030D100-3

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The **8LSA54.R2030D100-3** 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	Electrical time constant:	10.6 ms
Encoder Technology:	Resolver	Flange Dimension:	142 (mm)	Holding Brake:	Not Present
Insulation class of the isolation system per EN 60034-1:	F	Length Code:	4	Maximum current:	20.9 A
Maximum winding temperature:	155 °C	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Nominal power:	2419 W	Oil Seal:	Not Present	Precision:	6 arcmin
Product Revision:	3	Rated Speed:	3000 (rpm)	Shaft End:	With key
Stall current:	5.5 A	Stator inductance:	21.52 mH	Stator resistance:	2.16 ?
Torque constant:	1.63 Nm/A	Voltage constant:	98.44 V/1000 rpm	Last Verified:	05/18/2026 7:17 AM

Contact Us

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Shipping Options



Payment Methods



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