

B & R Automation - 8LS Synchronous Motors

8LSA35.EA060D000-3



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The **8LSA35.EA060D000-3** 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:	5.1 ms
Encoder Technology:	Inductive EnDat	EnDat Version:	2.1	Flange Dimension:	91.3 (mm)
Holding Brake:	Not Present	Length Code:	5	Maximum speed:	9000 RPM
Maximum torque:	9.2 Nm	Motor moment of inertia:	0.9 kg·cm ²	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Nominal current:	2.2 A	Nominal power:	1005 W
Oil Seal:	Not Present	Product Revision:	3	Rated Speed:	6000 (rpm)
Resolution:	19/0 (Single/Multi-turn bits)	Shaft End:	Smooth shaft	Stall current:	3.2 A
Stall torque:	2.3 Nm	Stator inductance:	15.6 mH	Stator resistance:	3.02 ?
Thermal time constant:	34 min	Torque constant:	0.73 Nm/A	Turn Capability:	Single-turn
Voltage constant:	43.98 V/1000 RPM	Weight without brake:	4.4 kg	Last Verified:	05/18/2026 5:04 AM

Contact Us

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Shipping Options



Payment Methods



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