

B & R Automation - 8LS Synchronous Motors

8LSA75.EB022D100-0

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The **8LSA75.EB022D100-0** 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 Tel:	15.48 ms
Encoder Technology:	Inductive EnDat	EnDat Version:	2.1	Flange Dimension:	190 (mm)
Holding Brake:	Not Present	Length Code:	5	Maximum Current I_{max}:	168.71 A
Maximum Speed N_{max}:	4500 rpm	Maximum Torque M_{max}:	187 Nm	Moment Of Inertia J:	74 kgcm ²
Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange	Nominal Current I_n:	18.4 A
Nominal Power P_n:	9425 W	Nominal Speed N_n:	3000 rpm	Oil Seal:	Not Present
Rated Speed:	2200 (rpm)	Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	With key
Stall Torque M₀:	43 Nm	Stator Inductance L_{2ph}:	3.9 mH	Stator Resistance R_{2ph}:	0.21 Ohm
Thermal Time Constant T_{therm}:	37 min	Torque Constant K_t:	1.63 Nm/A	Turn Capability:	Multi-turn (4096 revs)
Contact Us		Weight Without Brake:	28 kg	Last Verified:	05/18/2026 10:08 PM

Shipping Options



Payment Methods



 1620 Old Apex Road, Cary, NC 27513, USA

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