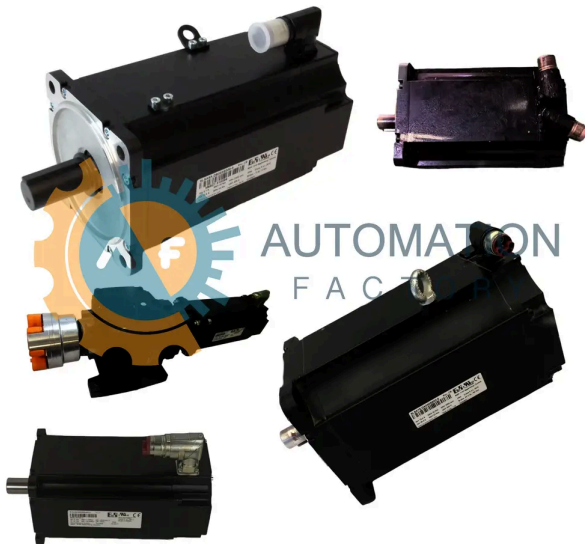


B & R Automation - 8LS Synchronous Motors

8LSA86.E1020D000-0

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The **8LSA86.E1020D000-0** 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 [ms]:	32.6ms
Encoder Technology:	Optical EnDat	EnDat Version:	2.1	Flange Dimension:	240 (mm)
Holding Brake:	Not Present	Length Code:	6	Maximum speed nmax [rpm]:	3600 RPM
Moment of inertia J [kgcm²]:	192 kgcm ²	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Oil Seal:	Not Present	Operating Temperature:	-25°C to +85°C	Protection Class:	IP65
Rated Speed:	2000 (rpm)	Resolution:	13/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft
Stator inductance L2ph [mH]:	4.9 mH	Stator resistance R2ph [?]:	0.15 Ohm	Thermal time constant ttherm [min]:	90 min
Torque constant KT [Nm/A]:	2.58Nm/A	Turn Capability:	Multi-turn (4096 revs)	Voltage constant KE [V/1000 rpm]:	156.03 V/1000 rpm

Contact Us

Last Verified: 05/19/2026 11:56 AM
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Shipping Options



Payment Methods

