

B & R Automation - 8LS Synchronous Motors

8LSC86.E1020D000-3



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The **8LSC86.E1020D000-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSC: Standard, no reinforced bearing	Connection direction:	Angled (swivel)	Connection Hardware:	Connector
Cooling Principle:	Built-in fan assembly	Designation:	8LSC	Encoder Technology:	Optical EnDat
EnDat Version:	2.1	Flange Dimension:	240 (mm)	Holding Brake:	Not Present
Length Code:	6	Maximum Torque:	30.6 Nm	Motor Length:	E
Motor Mass:	13.5 kg	Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange
Oil Seal:	Not Present	Product Revision:	3	Protection Class:	IP65
Rated Current:	12.6 A	Rated Power:	4.3 kW	Rated Speed:	2000 (rpm)
Rated Torque:	10.2 Nm	Resolution:	13/12 (Single/Multi-turn bits)	Rotor Inertia:	0.0068 kg-m ²
Shaft End:	Smooth shaft	Size:	8LSC86	Thermal Class:	F
Turn Capability:	Multi-turn (4096 revs)	Voltage:	400 V	Last Verified:	05/18/2026 9:49 AM

Contact Us

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Shipping Options



Payment Methods



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