

B & R Automation - 8LS Synchronous Motors

8LSN56.EB030D300-0

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The **8LSN56.EB030D300-0** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Availability:	Mounting flange	Configuration Summary:	Standard Configuration	Connection direction:	Angled (swivel)
Cooling Principle:	Self-cooling, increased mass moment of inertia	Cooling Type:	Natural Convection (Self-cooled)	Designation:	8LSN
Encoder Technology:	Inductive EnDat	EnDat Version:	2.1	Feedback System:	Absolute encoder (EB030D300-0 encoding)
Flange Diameter:	115 mm	Flange Dimension:	142 (mm)	Frame Size:	56
Holding Brake:	Standard holding brake	Length Code:	6	Maximum Radial Shaft Load:	600 N at 20 mm from flange
Motor Type:	Three-phase synchronous	Oil Seal:	Not Present	Overall Motor Length:	Varies by feedback and options (typically ~220-250 mm for this frame)
Pole Pairs:	4	Protection Class:	IP65	Rated Power:	1.34 kW
Rated Speed:	3000 (rpm)	Rated Torque:	4.3 Nm	Resolution:	19/12 (Single/Multi-turn bits)
Shaft Diameter:	19 mm	Shaft End:	With key	Resolution:	20 Nm
Turn Capability:	Multi-turn (4096 revs)	Last Verified:	06/08/2026 1:53	Shipping Options:	

Contact Us

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Payment Methods

