

B & R Automation - 8LS Synchronous Motors

8LSA24.D5060S200-3



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The **8LSA24.D5060S200-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Back EMF Constant:	43.98 V/1000 rpm	Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Single-cable solution (hybrid)
Connection Hardware:	Connector	Connector Position:	Right	Cooling Method:	Natural Convection
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Electrical Time Constant:	1.3 ms
Encoder Technology:	Optical EnDat	Encoder Type:	Multiturn Absolute	EnDat Version:	2.1
Flange Dimension:	58 (mm)	Frame Size:	24	Holding Brake:	Standard holding brake
Ip Rating:	IP65	Length Code:	4	Max Speed:	8000 rpm
Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange	Nominal Voltage:	400 V
Oil Seal:	Not Present	Peak Torque:	9.6 Nm	Product Revision:	3
Rated Power:	2.0 kW	Rated Speed:	6000 (rpm)	Rated Torque:	3.2 Nm
Resolution:	23/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft	Stator Resistance:	52.3 Ohm
Turn Capability:	Multi-turn (4096 revs)	Last Verified:	06/09/2026 11:17 AM		

Contact Us

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Shipping Options



Payment Methods

