

B & R Automation - 8LS Synchronous Motors

8LSA53.DB030S800-3



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The **8LSA53.DB030S800-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

Configuration Summary:	8LSA: Standard, no reinforced bearing	Connection direction:	Single-cable solution (hybrid)	Connection Hardware:	Connector
Connection Type:	Plug connector	Cooling Principle:	Self-cooling, free circulation	Cooling Type:	Natural cooling
Designation:	8LSA	Encoder Technology:	Inductive EnDat	EnDat Version:	2.2
Feedback Device:	Digital Absolute Encoder	Flange Dimension:	142 (mm)	Flange Size:	80 mm
Holding Brake:	Standard holding brake	Length Code:	3	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Oil Seal:	Present	Product Revision:	3
Protection Class:	IP65	Rated Power:	800 W	Rated Speed:	3000 (rpm)
Rated Voltage:	230 V	Resolution:	19/12 (Single/Multi-turn bits)	Shaft End:	Smooth shaft
Turn Capability:	Multi-turn (4096 revs)	Weight:	Approx. 5.5 kg	Last Verified:	06/08/2026 9:33 PM

Contact Us

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Shipping Options



Payment Methods



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