

B & R Automation - 8LS Synchronous Motors

8LSA75.DB030S000-3



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The **8LSA75.DB030S000-3** 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
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Inductive EnDat
Encoder Type:	Multiturn	EnDat Version:	2.2	Flange Dimension:	190 (mm)
Holding Brake:	Not Present	Length Code:	5	Maximum Current:	168.71 A
Maximum Torque:	187 Nm	Moment Of Inertia:	74 kgcm ²	Motor Type:	Three-phase synchronous
Mounting Availability:	Mounting flange	Nominal Current:	18.4 A	Nominal Power:	9425 W
Nominal Torque:	30 Nm	Number Of Pole Pairs:	5	Oil Seal:	Not Present
Peak Torque:	187 Nm	Product Revision:	3	Protection Class:	IP64
Rated Current:	18.4 A	Rated Power:	9.4 kW	Rated Speed:	3000 (rpm)
Rated Torque:	30 Nm	Rated Voltage:	400 V	Resolution:	19/12 (Single/Multi-turn bits)
Shaft End:	Smooth shaft	Stall Current:	26.38 A	Stall Torque:	43 Nm
Stator Inductance:	3.9 mH	Stator Resistance:	0.21 ?	Torque Constant:	1.63 Nm/A
Contact Us:	Multi-turn (4096 revs)	Voltage Constant:	98.41 V/1000 rpm	Weight Without Brake:	28 kg

Contact Us: 1620 Old Apex Road, Apex, NC 27513, USA
Last Verified: 05/18/2026 4:57 PM

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Shipping Options



Payment Methods



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