

B & R Automation - 8LS Synchronous Motors

8LSA55.EB030D100-3



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The **8LSA55.EB030D100-3** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

Specifications

| | | | | | |
|-------------------------------|---------------------------------------|------------------------------|----------------------------------|-------------------------------|--|
| Configuration Summary: | 8LSA: Standard, no reinforced bearing | Connection direction: | Angled (swivel) | Connection Hardware: | Connector |
| Connection Type: | Rotatable connector | Cooling Principle: | Self-cooling, free circulation | Degree Of Protection: | IP65 |
| Designation: | 8LSA | Encoder Technology: | Inductive EnDat | EnDat Version: | 2.1 |
| Flange Dimension: | 142 (mm) | Flange Type: | A | Frame Size: | 55 |
| Holding Brake: | Not Present | Length Code: | 5 | Moment Of Inertia: | 0.82 x 10 ⁻⁴ kg·m ² |
| Motor Length: | EB | Motor Type: | Three-phase synchronous | Mounting Availability: | Mounting flange |
| Oil Seal: | Not Present | Product Revision: | 3 | Rated Speed: | 3000 (rpm) |
| Rated Torque: | 3.00 Nm | Rated Voltage: | 400 V | Resolution: | 19/12 (Single/Multi-turn bits) |
| Shaft End: | With key | Stall Torque: | 2.5 Nm (at stall current ~7.7 A) | Thermal Time Constant: | 40 min (time to reach 63% thermal equilibrium) |
| Turn Capability: | Multi-turn (4096 revs) | Winding Code: | E | Is Verified: | 06/09/2026 1:05 PM |

Contact Us

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Shipping Options



Payment Methods



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