

B & R Automation - 8LS Synchronous Motors

8LSN55.E3030D000-0



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The **8LSN55.E3030D000-0** 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)
Connection Type:	Rotatable connector	Cooling Principle:	Self-cooling, increased mass moment of inertia	Cooling Type:	Natural convection
Designation:	8LSN	Encoder Type:	Multi-turn absolute encoder	Flange Dimension:	142 (mm)
Holding Brake:	Not Present	Ip Rating:	IP65	Length Code:	5
Moment Of Inertia:	0.33 × 10 ²⁴ kg·m ²	Motor Type:	Three-phase synchronous	Nominal Power:	3.6 kW
Oil Seal:	Not Present	Pole Pairs:	4	Rated Power:	Depends on full datasheet (typically 1-4 kW for this frame size)
Rated Speed:	3000 (rpm)	Rated Voltage:	400 VAC	Shaft End:	Smooth shaft
Stator Resistance:	1.127 ? (approx.)	Stator Size (frame Size):	55	Top Speed (Max):	9000 rpm
Transport Temperature Range:	-20°C to +60°C	Last Verified:	05/18/2026 8:47 AM		

Contact Us

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Shipping Options



Payment Methods

