



**B & R Automation - 8LS Synchronous Motors**

**8LSN43.DB030S300-1**



 **Available, Ships in 1-2 weeks**

- Get a Quote in 5 minutes
- Parts ship in as little as 24 hours
- Up to half the cost of the manufacturer

		
Secure Online Checkout	Free Ground Shipping	One Year Warranty

The **8LSN43.DB030S300-1** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Availability:</b>	Mounting flange	<b>Configuration Summary:</b>	Standard Configuration	<b>Connection direction:</b>	Single-cable solution (hybrid)
<b>Connection Type:</b>	Rotatable plug	<b>Cooling Principle:</b>	Self-cooling, increased mass moment of inertia	<b>Designation:</b>	8LSN
<b>Encoder Technology:</b>	Inductive EnDat	<b>EnDat Version:</b>	2.2	<b>Feedback System:</b>	Single-turn Absolute Encoder, 18 bit
<b>Flange Dimension:</b>	100 (mm)	<b>Holding Brake:</b>	Standard holding brake	<b>Length Code:</b>	3
<b>Max Speed:</b>	6000 rpm	<b>Motor Length:</b>	030	<b>Motor Series:</b>	8LSN
<b>Motor Type:</b>	Three-phase synchronous	<b>Oil Seal:</b>	Not Present	<b>Protection Class:</b>	IP65
<b>Rated Current:</b>	3.3 A	<b>Rated Speed:</b>	3000 (rpm)	<b>Rated Torque:</b>	3.0 Nm
<b>Resolution:</b>	19/12 (Single/Multi-turn bits)	<b>Shaft End:</b>	With key	<b>Shaft Height:</b>	43 mm
<b>Thermal Class:</b>	F (155°C)	<b>Turn Capability:</b>	Multi-turn (4096 revs)	<b>Voltage Class:</b>	400 V
<b>Cast Verified:</b>					
05/18/2026 11:19 AM					

**Contact Us**

-  1620 Old Apex Road, Cary, NC 27513, USA
-  Toll Free: [1-888-551-3082](tel:1-888-551-3082)
-  International: [1-919-443-0207](tel:1-919-443-0207)
-  Fax: [1-919-867-6204](tel:1-919-867-6204)
-  Email: [sales@wakeindustrial.com](mailto:sales@wakeindustrial.com)

**Shipping Options**



**Payment Methods**



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.