

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

**8LSA25.D4045D000-0**



 **In-Stock, Ships 3-5 Days**

- 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 **8LSA25.D4045D000-0** is a part of the **8LS Synchronous Motors Series** by **B & R Automation**.

**Specifications**

<b>Configuration Summary:</b>	8LSA: Standard, no reinforced bearing	<b>Connection direction:</b>	Angled (swivel)	<b>Connection Hardware:</b>	Connector
<b>Connection Type:</b>	Plug connector	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>Cooling Type:</b>	Natural (self-cooled)
<b>Designation:</b>	8LSA	<b>Electrical time constant:</b>	1.4 ms	<b>Encoder Technology:</b>	Optical EnDat
<b>Encoder Type:</b>	Absolute multturn encoder	<b>EnDat Version:</b>	2.12.1	<b>Flange Dimension:</b>	58 (mm)
<b>Frame Size:</b>	25	<b>Holding Brake:</b>	Not Present	<b>Length Code:</b>	5
<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange	<b>Oil Seal:</b>	Not Present
<b>Part Series:</b>	8LS	<b>Protection Class:</b>	IP65	<b>Rated Power:</b>	4.5 kW
<b>Rated Speed:</b>	4500 (rpm)	<b>Rated Torque:</b>	14.3 Nm	<b>Rated Voltage:</b>	400 V
<b>Resolution:</b>	23/0 (Single/Multi-turn bits)	<b>Shaft End:</b>	Smooth shaft	<b>Stall torque:</b>	0.6 Nm
<b>Stator Length:</b>	D	<b>Turn Capability:</b>	Single-turn	<b>Last Verified:</b>	05/18/2026 1:49 PM

**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.