

## B & R Automation - 8LS Synchronous Motors

# 8LSA44.DB060S300-3

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The **8LSA44.DB060S300-3** 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>	Single-cable solution (hybrid)	<b>Connection Hardware:</b>	Connector
<b>Connection Type:</b>	Connector (rotatable)	<b>Cooling Principle:</b>	Self-cooling, free circulation	<b>Designation:</b>	8LSA
<b>Encoder Technology:</b>	Inductive EnDat	<b>EnDat Version:</b>	2.2	<b>Flange Dimension:</b>	100 (mm)
<b>Frame Size:</b>	44	<b>Holding Brake:</b>	Standard holding brake	<b>Length Code:</b>	4
<b>Maximum Speed:</b>	12000 rev/min	<b>Motor Type:</b>	Three-phase synchronous	<b>Mounting Availability:</b>	Mounting flange
<b>Oil Seal:</b>	Not Present	<b>Product Revision:</b>	3	<b>Protection Class:</b>	IP65
<b>Rated Current:</b>	4.8 A	<b>Rated Power:</b>	1.88 kW	<b>Rated Speed:</b>	6000 (rpm) 19/12 (Single/Multi-turn bits)
<b>Rated Torque:</b>	6.0 Nm	<b>Rated Voltage:</b>	400 V	<b>Resolution:</b>	3 x 400 to 480 V AC ~ 10%
<b>Shaft End:</b>	With key	<b>Stator Impedance:</b>	0.862 ohms	<b>Supply Voltage:</b>	
<b>Turn Capability:</b>	Multi-turn (4096 revs)	<b>Last Verified:</b>	05/19/2026 3:13 AM		

## Contact Us

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## Shipping Options



## Payment Methods

