

B & R Automation - 8LS Synchronous Motors

8LSA86.E1020D100-0

 **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 **8LSA86.E1020D100-0** 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
Cooling Principle:	Self-cooling, free circulation	Designation:	8LSA	Encoder Technology:	Optical EnDat
EnDat Version:	2.1	Flange Dimension:	240 (mm)	Holding Brake:	Not Present
Length Code:	6	Maximum current I_{max} [A]:	182 A	Maximum torque M_{max} [Nm]:	345 Nm
Motor Type:	Three-phase synchronous	Mounting Availability:	Mounting flange	Nominal Current I_N [A]:	32.9 A
Nominal Power:	17802 W	Nominal Speed n_N [min-1]:	2000 RPM	Nominal Torque M_N [Nm]:	85 Nm
Number of Poles:	3	Oil Seal:	Not Present	Protection Class:	IP65
Rated Speed:	2000 (rpm)	Resolution:	13/12 (Single/Multi-turn bits)	Shaft End:	With key
Stall Torque M₀ [Nm]:	115 Nm	Stalled Current I₀ [A]:	44.6 A	Turn Capability:	Multi-turn (4096 revs)
Last Verified:	06/12/2026 3:30 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

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.