

B & R Automation - 8MS Three Phase Synchronous Motors

8MSA3L.R0-W0



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The **8MSA3L.R0-W0** is a part of the **8MS Three Phase Synchronous Motors Series** by **B & R Automation**.

Specifications

| | | | | | |
|-------------------------------|------------------------------------|--------------------------------|-----------------------|--|---------------------|
| Connection Direction: | B Side | Cooling System: | Self-cooling | Encoder Technology: | Resolver |
| Encoder Type: | Resolver | Inertia (no Brake): | 1.5 kgcm ² | Mass (no Brake): | 3.65 kg |
| Motor Length: | L | Motor Size: | 3 | Oil Seal: | Yes |
| Peak Current: | 12.4 A | Peak Torque: | 10 Nm | Permitted Axial Force (Fa) during Installation: | 200 N |
| Product Type: | 8MS Three Phase Synchronous Motors | Protection Rating: | IP65 | Rated Current: | 2.1 A |
| Rated Power: | 0.99 kW | Rated Speed: | 4500 min-1 | Rated Torque: | 2.1 Nm |
| Relative Rated Torque: | Large | Resolver Non-linearity: | ±1 angular minute | Resolver Precision: | ±10 angular minutes |
| Resolver Type: | BRX | Stall Torque: | 2.5 Nm | Torque Constant: | 1.04 Nm/A |
| Last Verified: | 06/09/2026 12:55 AM | | | | |

Contact Us

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Shipping Options



Payment Methods

