

## B & R Automation - 8LS Synchronous Motors

# 8LSA54.R0030D000-0

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The **8LSA54.R0030D000-0** 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>Cooling Principle:</b>     | Self-cooling, free circulation        | <b>Designation:</b>          | 8LSA            | <b>Encoder Technology:</b>  | Resolver                |
| <b>Flange Dimension:</b>      | 142 (mm)                              | <b>Frame Size:</b>           | 54              | <b>Holding Brake:</b>       | Not Present             |
| <b>Length Code:</b>           | 4                                     | <b>Motor Series:</b>         | 8LSA54          | <b>Motor Type:</b>          | Three-phase synchronous |
| <b>Mounting Availability:</b> | Mounting flange                       | <b>Oil Seal:</b>             | Not Present     | <b>Peak Current:</b>        | 7.9 A                   |
| <b>Peak Torque:</b>           | 9 Nm                                  | <b>Precision:</b>            | 10 arcmin       | <b>Protection Class:</b>    | IP65                    |
| <b>Rated Current:</b>         | 2.6 A                                 | <b>Rated Power:</b>          | Approx. 940 W   | <b>Rated Speed:</b>         | 3000 (rpm)              |
| <b>Rated Torque:</b>          | 3 Nm                                  | <b>Rated Voltage:</b>        | 400 V           | <b>Shaft End:</b>           | Smooth shaft            |
| <b>Last Verified:</b>         | 05/19/2026<br>3:32 AM                 |                              |                 |                             |                         |

## Contact Us

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## Shipping Options



## Payment Methods

