



## Kollmorgen - LSM Brushless Servo Motors

### LSM100-46-454-M-0KA



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The **LSM100-46-454-M-0KA** is a part of the **LSM Brushless Servo Motors Series** by Kollmorgen.

## Specifications

|                                                |                        |                                     |      |                                                        |     |
|------------------------------------------------|------------------------|-------------------------------------|------|--------------------------------------------------------|-----|
| <b>Continuous Torque (in-lb):</b>              | 46                     | <b>Continuous Torque (nm):</b>      | 5.2  | <b>Ke Voltage Constant (v/krpm):</b>                   | 106 |
| <b>Kt (nm/amp):</b>                            | 0.88                   | <b>Maximum Current (amps Peak):</b> | 21.2 | <b>Motor Net Weight (kg):</b>                          | 6.3 |
| <b>Motor Net Weight (lb):</b>                  | 13.9                   | <b>Peak Torque (in-lb):</b>         | 142  | <b>Peak Torque (nm):</b>                               | 16  |
| <b>Shaft Material:</b>                         | ST-60                  | <b>Speed (rpm):</b>                 | 4500 | <b>Stall Current (amps Peak):</b>                      | 6.4 |
| <b>Winding Inductance Phase To Phase (mh):</b> | 12.44                  | <b>Winding Poles:</b>               | 8    | <b>Winding Resistance Phase To Phase @ 25°C (ohm):</b> | 3.9 |
| <b>Last Verified:</b>                          | 09/04/2025<br>11:04 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@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods



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