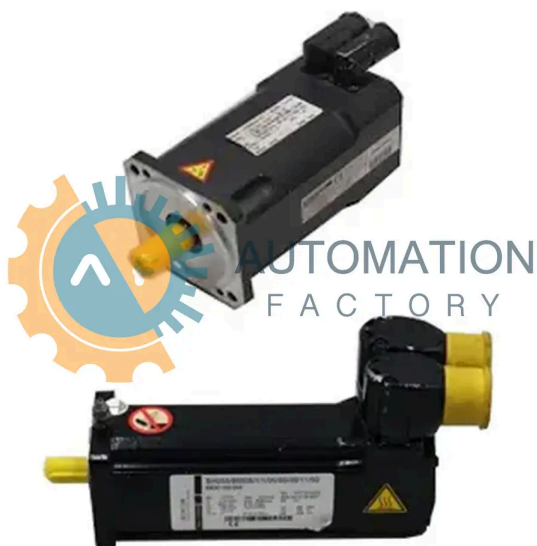




## Kollmorgen - LSM Brushless Servo Motors

### LSM100-22-454-M-2KA



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The **LSM100-22-454-M-2KA** is a part of the **LSM Brushless Servo Motors Series** by Kollmorgen.

## Specifications

|                            |                                                   |                                     |                                     |                                   |                               |
|----------------------------|---------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-------------------------------|
| <b>Brake Weight:</b>       | Additional 1.9 kg<br>(6.1 kg total with<br>brake) | <b>Continuous Torque:</b>           | 2.5 Nm (22 In-lb)                   | <b>Length With Brake:</b>         | +67mm (total<br>length 235mm) |
| <b>Maximum Current:</b>    | 16.3 Amps (peak)                                  | <b>Motor Net Weight:</b>            | 4.2 kg (9.3 lb)                     | <b>Peak Torque:</b>               | 11 Nm / 97 In-lb              |
| <b>Poles:</b>              | 8                                                 | <b>Rotor Moment Of<br/>Inertia:</b> | 0.000149 kg-m2<br>(0.0013 lb-in-s2) | <b>Shaft Material:</b>            | ST-60 Steel                   |
| <b>Stall Current:</b>      | 3.3 Amps (peak)                                   | <b>Torque Constant (kt):</b>        | 0.82 Nm/Amp                         | <b>Voltage Constant<br/>(ke):</b> | 99 V/kRPM                     |
| <b>Winding Inductance:</b> | 25.8 mH                                           | <b>Winding Resistance:</b>          | 10.7 Ohm at<br>25°C                 | <b>Last Verified:</b>             | 07/27/2025<br>10:39 AM        |

## Contact Us

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## Shipping Options



## Payment Methods



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