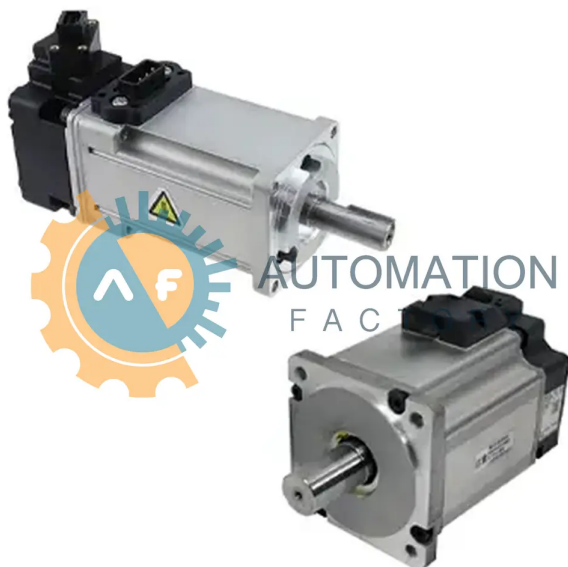


## Kollmorgen - MSM Brushless Servo Motors

### MSM215-407-304-M-2KA



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Warranty

The **MSM215-407-304-M-2KA** is a part of the **MSM Brushless Servo Motors Series** by Kollmorgen.

## Specifications

|                                            |                                                        |                                           |                 |                                                  |                                                        |
|--------------------------------------------|--------------------------------------------------------|-------------------------------------------|-----------------|--------------------------------------------------|--------------------------------------------------------|
| <b>Continuous Torque:</b>                  | 46 Nm / 407 in-lb                                      | <b>Ke Voltage Constant:</b>               | 170 V/KRPM      | <b>Kt (nm/amp):</b>                              | 1.4                                                    |
| <b>Maximum Current:</b>                    | 117.4 amps peak                                        | <b>Motor Net Weight:</b>                  | 40 kg / 88.2 lb | <b>Motor Net Weight With Brake:</b>              | 43 kg / 94.8 lb                                        |
| <b>Peak Torque:</b>                        | 128 Nm / 1133 in-lb                                    | <b>Poles:</b>                             | 6               | <b>Rotor Moment Of Inertia:</b>                  | 0.0141 kg-m <sup>2</sup> / 0.1248 lb-in-s <sup>2</sup> |
| <b>Rotor Moment Of Inertia With Brake:</b> | 0.0171 kg-m <sup>2</sup> / 0.1513 lb-in-s <sup>2</sup> | <b>Shaft Material:</b>                    | ST-60           | <b>Speed:</b>                                    | 3000 rpm                                               |
| <b>Stall Current:</b>                      | 36.6 amps peak                                         | <b>Winding Inductance Phase To Phase:</b> | 8.2 mH          | <b>Winding Resistance Phase To Phase @ 25°C:</b> | 0.28 Ohm                                               |
| <b>Last Verified:</b>                      | 09/04/2025 10:54 PM                                    |                                           |                 |                                                  |                                                        |

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## Shipping Options



## Payment Methods



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