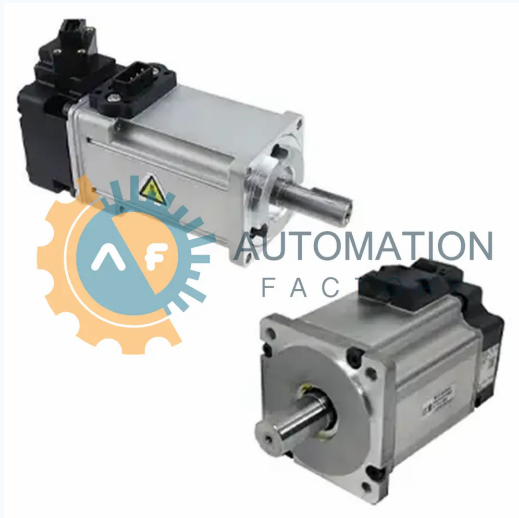


## Kollmorgen — MSM Brushless Servo Motors

# MSM215-221-304-M-0KA


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The Kollmorgen MSM215-221-304-M-0KA is part of the MSM Brushless Servo Motors series and delivers 25 Nm continuous torque. It achieves 70 Nm peak torque, reaches speeds up to 3000 rpm, and operates with a 65.1 A peak current. Weighing 26 kg, it features an ST-60 shaft for durable performance.

## Specifications

|                                            |                                                        |                                           |                 |                                           |                                                         |
|--------------------------------------------|--------------------------------------------------------|-------------------------------------------|-----------------|-------------------------------------------|---------------------------------------------------------|
| <b>Continuous Torque:</b>                  | 25 Nm (221 in-lb)                                      | <b>Ke Voltage Constant:</b>               | 164 V/KRPM      | <b>Kt (nm/amp):</b>                       | 1.36                                                    |
| <b>Maximum Current (amps Peak):</b>        | 65.1                                                   | <b>Motor Net Weight:</b>                  | 26 kg (57.3 lb) | <b>Motor Net Weight With Brake:</b>       | 29 kg (63.9 lb)                                         |
| <b>Peak Torque:</b>                        | 70 Nm (620 in-lb)                                      | <b>Poles:</b>                             | 6               | <b>Rotor Moment Of Inertia:</b>           | 0.0074 kg-m <sup>2</sup> (0.0655 lb-in-s <sup>2</sup> ) |
| <b>Rotor Moment Of Inertia With Brake:</b> | 0.0104 kg-m <sup>2</sup> (0.092 lb-in-s <sup>2</sup> ) | <b>Shaft Material:</b>                    | ST-60           | <b>Speed:</b>                             | 3000 rpm                                                |
| <b>Stall Current (amps Peak):</b>          | 20.5                                                   | <b>Winding Inductance Phase To Phase:</b> | 15.8 mH         | <b>Winding Resistance Phase To Phase:</b> | 0.76 Ohms                                               |
| <b>Last Verified:</b>                      | 10/24/2026 9:33 AM                                     |                                           |                 |                                           |                                                         |

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## Shipping Options



## Payment Methods



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