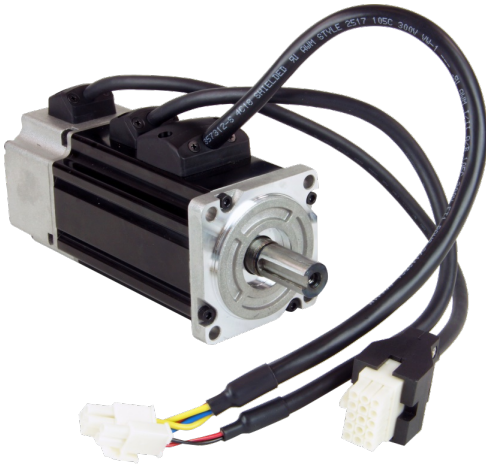


J0200-354-4-000

60mm Servo Motor, 200W, with Brake

1pc. - \$505.00
50pc. - \$378.75



Product Features

- High torque density
- Low rotor inertia
- Compact size
- High-resolution, incremental encoders (2500 lines, 10000 counts)
- Brake
- IP65 rated for harsh environments






Description

High performance brushless AC servo motor with brake.
Standard configuration includes high-resolution, incremental encoder feedback.

Specifications

| | |
|-------------------------------|--------------------------------|
| Part Number | J0200-354-4-000 |
| Frame Size | 60 mm |
| Continuous Torque | 5.66 in-lb |
| Peak Torque | 15 in-lb |
| Rated Power | 200 watts |
| Rated Voltage | 48 DC volts |
| Rated Speed | 3000 rpm |
| Peak Speed | 6000 rpm |
| Rated Current | 4.9 A rms |
| Peak Current | 14.7 A rms |
| Torque Constant | 1.78 in-lb/A |
| Voltage Constant | 7.6 V/krpm |
| Armature Resistance | 0.57 Line-to-Line ohms |
| Armature Inductance | 2 Line-to-Line mH |
| Motor Length | 5.45 inch |
| Rotor Inertia | 0.00134 oz-in-sec ² |
| Weight | 3.3 lbs |
| Integral Holding Brake | Yes |
| Storage Temperature | -20 to 80 °C |
| Operating Temperature | 0 to 40 °C |
| Insulation Class | Class B (130 °C) |
| Maximum Radial Load | 45 lbs |
| Maximum Thrust Load | 15 lbs |
| Shaft Run Out | NA |
| Radial Play | NA |
| End Play | NA |
| Perpendicularity | 0.0015 inches |
| Concentricity | 0.0015 inches |

Downloads

| | |
|----------------------------|--|
| Datasheet | No datasheets available for this product. |
| 2D Drawing |  J0200-354-4-000_RevB.pdf |
| 3D Drawing |  J0200-354-4-000A.igs |
| Speed-Torque Curves |  speed torque J0200-304-4-000 sv7.pdf |
| Agency Approvals | There are no related agency approval documents at this time. |
| Application Notes | There are currently no Application Notes available for this product. |

Pricing

| J0200-354-4-000 Part No. J0200-354-4-000 | |
|--|--|
| 1pc. | \$505.00 |
| 25pc. | \$434.30 |
| 50pc. | \$378.75 |
| 100pc. | Contact us for 100+ piece pricing. |

Products in the Series J Series Servo Motors

* Closeout priced products are highlighted in green.

* Items with web only pricing are highlighted in yellow.

| Part Number | Frame Size | Continuous Torque (in-lb) | Peak Torque (in-lb) | Motor Length (inch) | Rated Power (W) | Rotor Inertia (oz-in-sec ²) | 1pc./50pc. |
|---------------------------------|------------|---------------------------|---------------------|---------------------|-----------------|---|---------------------|
| J0100-301-3-000 | 40 mm | 2.8 | 8.1 | 4.33 | 100 | 0.00059 | \$296.00 / \$222.00 |
| J0100-303-3-000 | 40 mm | 2.83 | 8.5 | 4.33 | 100 | 0.00059 | \$338.00 / \$253.50 |
| J0100-351-3-000 | 40 mm | 2.83 | 8.14 | 5.82 | 100 | 0.00073 | \$464.00 / \$348.00 |
| J0100-353-3-000 | 40 mm | 2.83 | 8.5 | 5.82 | 100 | 0.00066 | \$464.00 / \$348.00 |
| J0200-301-4-000 | 60 mm | 5.66 | 15 | 4.17 | 200 | 0.00133 | \$354.00 / \$265.50 |
| J0200-302-4-000 | 60 mm | 5.66 | 15.04 | 4.17 | 200 | 0.00133 | \$354.00 / \$265.50 |
| J0200-304-4-000 | 60 mm | 5.66 | 15 | 4.17 | 200 | 0.00133 | \$354.00 / \$265.50 |
| J0200-351-4-000 | 60 mm | 5.66 | 15 | 5.45 | 200 | 0.00133 | \$505.00 / \$378.75 |
| J0200-352-4-000 | 60 mm | 5.66 | 15.04 | 5.45 | 200 | 0.00133 | \$505.00 / \$378.75 |
| J0200-354-4-000 | 60 mm | 5.66 | 15 | 5.45 | 200 | 0.00134 | \$505.00 / \$378.75 |
| J0400-301-4-000 | 60 mm | 11.23 | 30.95 | 4.68 | 400 | 0.00269 | \$411.00 / \$308.25 |
| J0400-302-4-000 | 60 mm | 11.24 | 30.97 | 4.68 | 400 | 0.00269 | \$411.00 / \$308.25 |
| J0400-305-4-000 | 60 mm | 11.24 | 30.97 | 4.68 | 400 | 0.00269 | \$411.00 / \$308.25 |
| J0400-351-4-000 | 60 mm | 11.24 | 30.95 | 6.24 | 400 | 0.00211 | \$555.00 / \$416.25 |
| J0400-352-4-000 | 60 mm | 11.24 | 30.97 | 6.24 | 400 | .00211 | \$555.00 / \$416.25 |
| J0400-355-4-000 | 60 mm | 11.24 | 30.97 | 6.24 | 400 | 0.00269 | \$555.00 / \$416.25 |
| J0750-302-5-000 | 80 mm | 21.24 | 61.95 | 5.19 | 750 | 0.01316 | \$495.00 / \$371.25 |
| J0750-352-5-000 | 80 mm | 21.24 | 61.95 | 7.04 | 750 | 0.01373 | \$710.00 / \$532.50 |