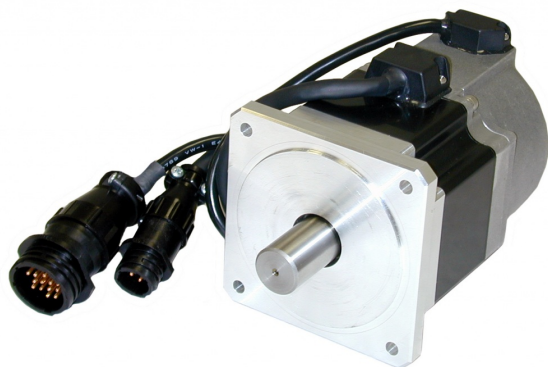


M0400-102-5-000

80mm Servo Motor, 400W

1pc. - \$975.00
50pc. - \$731.25



Product Features

- *High torque density*
- *Low rotor inertia*
- *Compact size*
- *High-resolution, incremental encoders (2000 lines, 8000 counts)*



Description

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

Specifications

Part Number	M0400-102-5-000
Frame Size	80 mm
Continuous Torque	11 in-lb
Peak Torque	34 in-lb
Rated Power	400 watts
Rated Voltage	200 volts
Rated Speed	3000 rpm
Peak Speed	5000 rpm
Rated Current	2.8 A rms
Peak Current	8.0 A rms
Torque Constant	4.3 in-lb/A
Voltage Constant	50.8 V/krpm
Armature Resistance	2.7 ohms
Armature Inductance	13 mH
Motor Length	4.06 inch
Rotor Inertia	7.93E-03 oz-in-sec ²
Weight	3.5 lbs
Integral Holding Brake	No
Storage Temperature	-10 to 85 °C
Operating Temperature	0 to 40 °C
Insulation Class	Class B (130 °C)
Maximum Radial Load	44 lbs
Maximum Thrust Load	15.4 lbs
Shaft Run Out	0.0008 inch T.I.R. max
Radial Play	NA
End Play	0.008 inch max
Perpendicularity	0.003 inches
Concentricity	0.002 inches

Downloads

Datasheet	 Servo-Products-Datasheet-925-0008.pdf
2D Drawing	 M0400-102-5-000_RevC.pdf
3D Drawing	 M0400-102-5-000.igs
Speed-Torque Curves	 SVAC3_speed-torque.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

	M0400-102-5-000 Part No. M0400-102-5-000
1pc.	\$975.00
25pc.	\$838.50
50pc.	\$731.25
100pc.	Contact us for 100+ piece pricing.