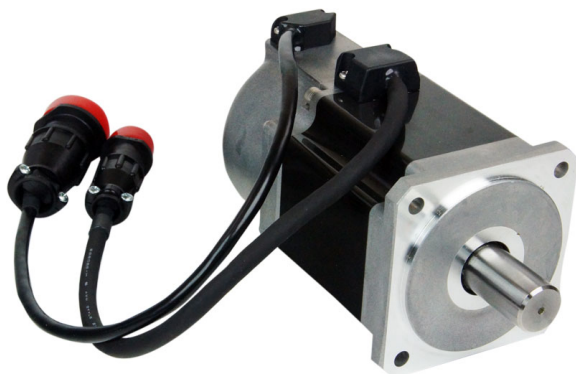


M0750-102-5-000

80mm Servo Motor, 750W

1pc. - \$1126.00
50pc. - \$844.50



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.

Please note that a VL series gearhead purchased for this motor will require a special mounting adaptor and 2 weeks lead time. Please contact customer service for the price of this adaptor.

Specifications

Part Number	M0750-102-5-000
Frame Size	80 mm
Continuous Torque	21 in-lb
Peak Torque	64 in-lb
Rated Power	750 watts
Rated Voltage	200 volts
Rated Speed	3000 rpm
Peak Speed	5000 rpm
Rated Current	5.0 A rms
Peak Current	14.5 A rms
Torque Constant	4.4 in-lb/A
Voltage Constant	52.2 V/krpm
Armature Resistance	1.3 ohms
Armature Inductance	6.3 mH
Motor Length	5.32 inch
Rotor Inertia	1.53E-02 oz-in-sec ²
Weight	5.5 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	77 lbs
Maximum Thrust Load	22 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	 M0750-102-5-000_RevC.pdf
3D Drawing	 M0750-102-5-000.igs
Speed-Torque Curves	There are currently no Speed-Torque Curves documents available for this product.
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

	M0750-102-5-000 Part No. M0750-102-5-000
1pc.	\$1126.00
25pc.	\$968.36
50pc.	\$844.50
100pc.	Contact us for 100+ piece pricing.