Applied Motion Products, Inc.
404 Westridge Dr.
Watsonville, CA 95076, USA

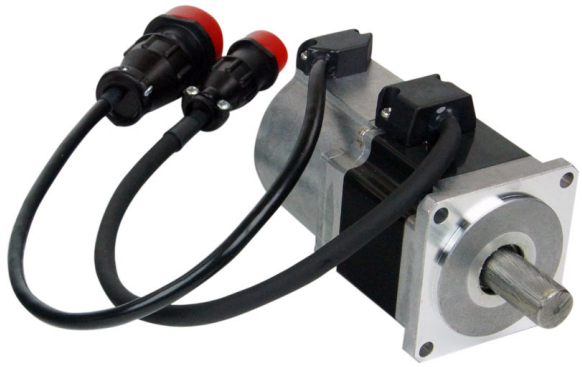
1-800-525-1609
Tel (831) 761-6555
Fax (831) 761-6544

Product Datasheet
www.Applied-Motion.com

M0200-102-4-000

60mm Servo Motor, 200W

1pc. - $708.00
50pc. - $531.00



Product **Features**

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

RoHS

Description

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

Specifications

Part Number	M0200-102-4-000
Frame Size	60 mm
Continuous Torque	5.7 in-lb
Peak Torque	17 in-lb
Rated Power	200 watts
Rated Voltage	200 volts
Rated Speed	3000 rpm
Peak Speed	5000 rpm
Rated Current	1.7 A rms
Peak Current	4.9 A rms
Torque Constant	3.45 in-lb/A
Voltage Constant	41 V/krpm
Armature Resistance	7.5 ohms
Armature Inductance	24 mH
Motor Length	4.04 inch
Rotor Inertia	2.55E-03 oz-in-sec^2
Weight	1.9 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	M0200-102-4-000_RevB.pdf
3D Drawing	M0200-102-4-000.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

	M0200-102-4-000 Part No. M0200-102-4-000
1pc.	$708.00
25pc.	$608.88
50pc.	$531.00
100pc.	Contact us for 100+ piece pricing.