

## M0100-103-4-000

60mm Servo Motor, 100W

1pc. - 220.00  
50pc. - 220.00



### ***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

<b>Part Number:</b>	M0100-103-4-000
<b>Frame Size:</b>	60 mm
<b>Continuous Torque:</b>	2.8 in-lb
<b>Peak Torque:</b>	8.4 in-lb
<b>Rated Power:</b>	100 watts
<b>Rated Voltage:</b>	24 volts
<b>Rated Speed:</b>	3000 rpm
<b>Peak Speed:</b>	5000 rpm
<b>Rated Current:</b>	7.7 A rms
<b>Peak Current:</b>	21.5 A rms
<b>Torque Constant:</b>	0.39 in-lb/A
<b>Voltage Constant:</b>	4.6 V/krpm
<b>Armature Resistance:</b>	0.26 ohms
<b>Armature Inductance:</b>	0.67 mH
<b>Motor Length:</b>	3.39 inch
<b>Rotor Inertia:</b>	1.27E-03 oz-in-sec <sup>2</sup>
<b>Weight:</b>	1.3 lbs
<b>Integral Holding Brake:</b>	No
<b>Storage Temperature:</b>	-10 to 85 °C
<b>Operating Temperature:</b>	0 to 40 °C
<b>Insulation Class:</b>	Class B (130 °C)
<b>Maximum Radial Load:</b>	17 lbs
<b>Maximum Thrust Load:</b>	8.8 lbs
<b>Shaft Run Out:</b>	0.0008 inch T.I.R. max
<b>End Play:</b>	0.008 inch max
<b>Perpendicularity:</b>	0.003 inches
<b>Concentricity:</b>	0.002 inches

## Downloads

<b>Datasheet:</b>	<a href="http://s3.amazonaws.com/applied-motion-pdf/M0100-103-4-000.pdf">http://s3.amazonaws.com/applied-motion-pdf/M0100-103-4-000.pdf</a>
<b>Family Datasheet:</b>	 <a href="#">Servo-Products-Datasheet-925-0008.pdf</a>
<b>2D Drawing:</b>	 <a href="#">M0100-103-4-000_RevB.pdf</a>
<b>3D Drawing:</b>	 <a href="#">M0100-103-4-000.igs</a>
<b>Speed-Torque Curves:</b>	 <a href="#">SV7_speed-torque.pdf</a>

## Pricing

	<b>M0100-103-4-000</b> Part No. M0100-103-4-000
<b>1pc.</b>	\$220.00
<b>25pc.</b>	
<b>50pc.</b>	
<b>100pc.</b>	<a href="#">Request a Quote</a> for 100+ piece pricing.