

## M0030-153-3-000

40mm Servo Motor, 30W

1pc. - 180.00  
50pc. - 180.00



### **Product Features**

- *High torque density*
- *Low rotor inertia*
- *Compact size*
- *High-resolution, incremental encoder (2000 lines, 8000 counts)*
- *Integral holding brake*



### Description



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

## Specifications

<b>Part Number:</b>	M0030-153-3-000
<b>Frame Size:</b>	40 mm
<b>Continuous Torque:</b>	0.84 in-lb
<b>Peak Torque:</b>	2.6 in-lb
<b>Rated Power:</b>	30 watts
<b>Rated Voltage:</b>	24 volts
<b>Rated Speed:</b>	3000 rpm
<b>Peak Speed:</b>	5000 rpm
<b>Rated Current:</b>	2.8 A rms
<b>Peak Current:</b>	6.9 A rms
<b>Torque Constant:</b>	0.36 in-lb/A
<b>Voltage Constant:</b>	4.3 V/krpm
<b>Armature Resistance:</b>	1.8 ohms
<b>Armature Inductance:</b>	1.6 mH
<b>Motor Length:</b>	4.55 inch
<b>Rotor Inertia:</b>	5.66E-04 oz-in-sec <sup>2</sup>
<b>Weight:</b>	1.1 lbs
<b>Integral Holding Brake:</b>	Yes
<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

**Datasheet:** <http://s3.amazonaws.com/applied-motion-pdf/M0030-153-3-000.pdf>

**2D Drawing:**  [M0030-153-3-000\\_RevB.pdf](#)  
 [30-24-40-17\\_RevB.pdf](#)

## Pricing

	<b>M0030-153-3-000</b> Part No. M0030-153-3-000
<b>1pc.</b>	\$180.00
<b>25pc.</b>	
<b>50pc.</b>	
<b>100pc.</b>	<a href="#">Request a Quote</a> for 100+ piece pricing.