

## Pacific Scientific - Permanent Magnet DC Motors

### YZ05070



 **Request a Quote**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



Secure Online  
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Free Ground  
Shipping



One Year  
Warranty

The **YZ05070** is a part of the **Permanent Magnet DC Motors Series** by **Pacific Scientific**.

## Specifications

<b>Brush Replacement:</b>	YP00565 (order 2 per motor)	<b>Continuous Current (a):</b>	4.7 A	<b>Continuous Torque (lb-in):</b>	18 lb-in
<b>Efficiency:</b>	78%	<b>Enclosure:</b>	TENV	<b>Hp:</b>	1/2
<b>Inductance (mh):</b>	3.8 mH	<b>Inertia (lb-in):</b>	6.5 lb-in	<b>Length (in):</b>	12.1 in
<b>Nema:</b>	56C	<b>Peak Current (a):</b>	74 A	<b>Resistance (?):</b>	0.9 ?
<b>Thermal Protection:</b>	Equipped with automatic thermal overload protection	<b>Torque Constant (lb-in/a):</b>	4.2 lb-in/A	<b>Weight (lbs):</b>	27 lbs
<b>Last Verified:</b>	08/11/2025 12:22 PM				

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.