



Pacific Scientific - Low Inertia PMDC Servomotors

4VM81-220-6



[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
Checkout



Free Ground
Shipping



One Year
Warranty

The **4VM81-220-6** is a part of the **Low Inertia PMDC Servomotors Series** by **Pacific Scientific**.

Specifications

Back Emf Constant: 4.29 V/kRPM
Electrical Time Constant: 0.13 ms
Rated Current: 15.2 Amps
Rated Torque: 0.56 Nm
Thermal Resistance: 0.47 °C/W
Last Verified: 09/15/2025 6:11 AM

Continuous Power Dissipation: 275 Watts
Mechanical Time Constant: 1.7 ms
Rated Power Output: 181 Watts
Rated Voltage: 30 Volts
Torque Constant: 0.041 Nm/Amp

Continuous Stall Torque: 0.586 Nm
Pulse Current (max): 46 Amps
Rated Speed: 3100 RPM
Rotor Inductance: 110 microhenries
Viscous Damping Coefficient: 0.005 Nm/kRPM

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

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.