



## Pacific Scientific - Low Inertia PMDC Servomotors

### 4VM82-220-6



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The **4VM82-220-6** is a part of the **Low Inertia PMDC Servomotors Series** by **Pacific Scientific**.

## Specifications

**Continuous Stall Torque:** 19 oz-in / 0.134 Nm

**Motor Terminal Resistance (155°C):** 2.3 Ohms

**Pulse Current (max):** 22 Amps

**Rated Torque:** 18 oz-in / 0.127 Nm

**Static Friction Torque (max):** 1.8 oz-in / 0.013 Nm

**Last Verified:** 09/16/2025 1:38 AM

**Electrical Time Constant (25°C):** 0.17 mS

**Motor Terminal Resistance (25°C):** 1.59 Ohms

**Rated Power Output:** 52 watts

**Rated Voltage:** 24 Volts

**Thermal Resistance:** 2.41 °C/Watt

**Mechanical Time Constant (25°C):** 5.0 mS

**No-load Speed At Rated Voltage:** 6680 RPM

**Rated Speed:** 3900 RPM

0.00047 oz-in-S<sup>2</sup> / 3.3 x 10<sup>-6</sup> kg-m<sup>2</sup>

**Rotor Inertia:** 0.4 oz-in/kRPM / 0.003 Nm/kRPM

## Contact Us

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## Shipping Options



## Payment Methods



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