



Pacific Scientific - PMA Brushless Motors

Pma53q-0100-00



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The **Pma53q-0100-00** is a part of the **PMA Brushless Motors Series** by **Pacific Scientific**.

Specifications

Brake:	24V Brake	Motor Body Square:	142 mm	Shaft Type:	Smooth Shaft
Continuous Stall Torque:	10.5 Nm	Peak Torque:	31.0 Nm	Rotor Inertia:	1.92 kgm ² x 10 ⁻³
Stack Length:	3	Weight:	11.0 kg	Frame Size:	21
No load speed:	3900 rpm	Protection class:	IP65	Static Friction (max.):	0.26 Nm (2.3 lb-in)
Thermal Resistance:	0.59 °C/Watt	Type:	Synchronous Servomotor	Typical Rated Speed @240v Ac, 320v Dc:	2,100 RPM
Voltage Constant (rms):	0.43 VRMS/rad/sec (45 VRMS/kRPM)	Voltage Max @ 240v Ac, 320v Dc Speed:	RPM: 1,500	Last Verified:	06/05/2025 9:47 PM

Contact Us

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Shipping Options



Payment Methods



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