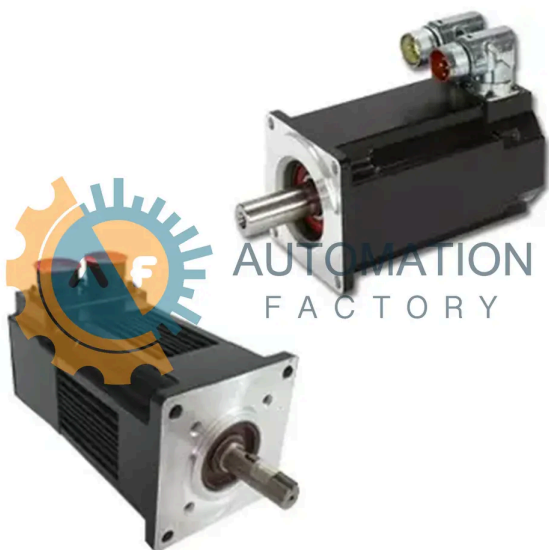




Pacific Scientific - PMB Brushless Servomotors

PMB31D-10Y14-10



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The **PMB31D-10Y14-10** is a part of the **PMB Brushless Servomotors Series** by **Pacific Scientific**.

Specifications

Motor Size:	NEMA Size 34	Product Type:	PMB Series Brushless Servomotor	Encoder Resolution:	2048 ppr
Shaft Design:	Round	Stack Length Multiple:	1	Input Voltage:	7.0 VRMS
Thermal Resistance:	1.5 °C/Watt	Weight (motor Only):	1.5 kg (3.3 lbs.)	Output Volts (max.):	DC Supply Volts
Typical Rated Torque @ 240v Ac, 320v Dc Bus:	10.1 Nm (89.7 lb.-in.)	Inductance (line-to-line):	3.2 mH ± 0.8	Continuous Stall Torque:	17.4 Nm (154 lb.-in.)
Resistance (line-to-line):	7.4 Ohms ± 1.9	Frequency:	10kHz	Typical Rated Speed @ 240v Ac, 320v Dc Bus:	3,300 RPM
Static Friction (max.):	0.04 Nm	Peak Torque:	23.5 Nm (208 lb.-in.)	No. Of Poles:	6
Last Verified:	06/01/2025 1:13 PM				

Contact Us

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Shipping Options



Payment Methods



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