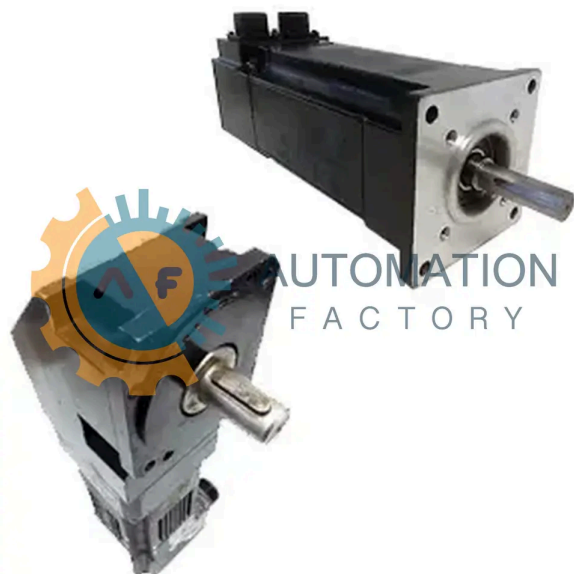


Pacific Scientific - R Servomotors

R45GMBA-R2-NS-NV-00



 **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
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One Year
Warranty

The **R45GMBA-R2-NS-NV-00** is a part of the **R Servomotors Series** by **Pacific Scientific**.

Specifications

Continuous Stall Current:	3.5 to 13.4 A	Continuous Stall Torque:	33 to 64 lb-in (3.7 to 7.2 Nm)	Current At Peak Torque:	27 to 106 A
	53 to 6.2 mH		0.0018 to 0.0034 lb-in.-sec ² (0.20 to 0.38 kgm ² x 10 ⁻³)		135 to 270 lb-in (15.2 to 30.5 Nm)
Inductance (line-line):		Inertia (motor Only):		Peak Torque:	0.26 to 0.39 lb-in (0.029 to 0.044 Nm)
Resistance (line-line, Cold):	10 to 0.81 Ohms	Resistance (line-line, Hot):	15.1 to 1.4 Ohms	Static Friction (max.):	Nm
Thermal Resistance:	0.52 to 0.72 °C/Watt	Thermal Time Constant:	19 to 35 minutes	Torque Constant (peak):	10.8 lb-in/A to 5.4 Nm/A
Viscous Damping Coefficient:	0.10 to 0.17 lb-in./Krpm (0.011 to 0.019 Nm/Krpm)	Voltage Constant (line-line, Peak):	128 to 64 V/Krpm or 1.22 to 0.61 V/rad/sec	Weight (motor Only):	15 to 25 lbs (6.8 to 11.3 kg)
Last Verified:	06/02/2025 4:08 AM				

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Shipping Options



Payment Methods



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