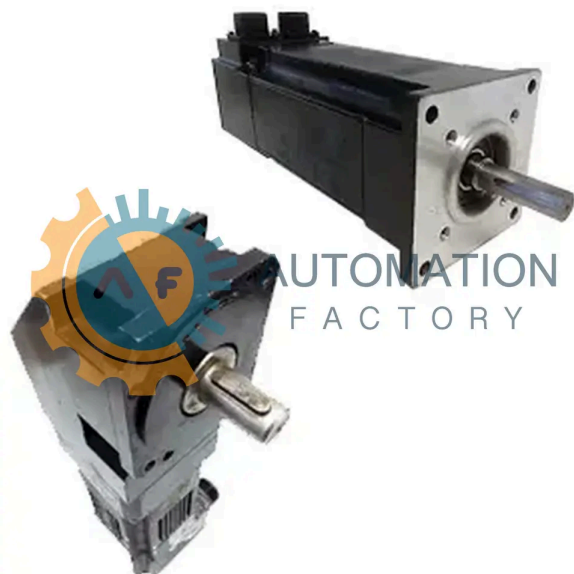




Pacific Scientific - R Servomotors

R8AGENA-R2-NG-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
Checkout



Free Ground
Shipping



One Year
Warranty

The **R8AGENA-R2-NG-NV-00** is a part of the **R Servomotors Series** by **Pacific Scientific**.

Specifications

Continuous Stall Current:	30 to 74 A	Continuous Stall Torque:	190 to 451 lb-in. (21 to 50 Nm)	Current At Peak Torque:	209 to 510 A
Inductance (line-line):	3.2 to 7.4 mH	Inertia (motor Only):	0.039 to 0.095 lb-in-second ² (4.4 to 10.7 kgm ² x 10 ³)	Peak Torque:	710 to 1757 lb-in. (80 to 198 Nm)
Resistance (line-line) (cold):	0.25 to 0.46 Ohms	Resistance (line-line) (hot):	0.37 to 0.69 Ohms	Static Friction (max.):	2.5 to 6.3 lb-in. (0.28 to 0.70 Nm)
Thermal Resistance:	0.30 to 0.21 °C/Watt	Thermal Time Constant:	40 to 63 minutes	Torque Constant (line-line):	6.7 to 17.7 lb-in./A (0.76 to 2.00 Nm/A)
Viscous Damping Coefficient:	0.96 to 2.2 lb-in./Krpm (0.11 to 0.25 Nm/Krpm)	Voltage Constant (line-line):	79 to 210 V/Krpm (0.76 to 2.00 V/rad/sec)	Weight (motor Only):	60 to 111 lbs (27 to 49 kg)
Last Verified:	06/01/2025 12:27 PM				

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.