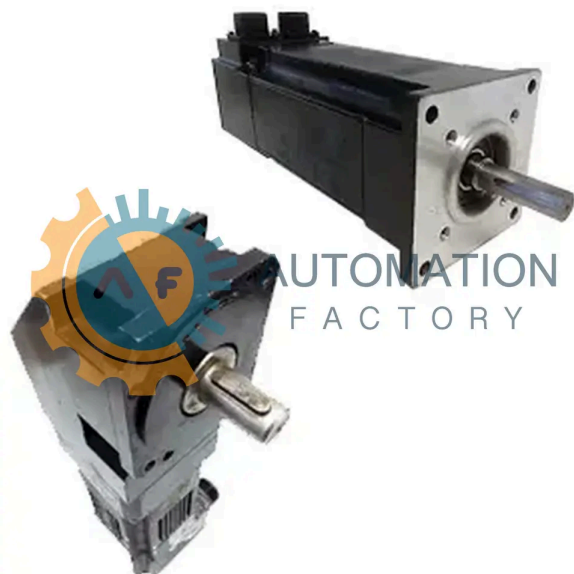




## Pacific Scientific - R Servomotors

### R32GENC-R2-NS-VS-01



 **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



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Free Ground  
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One Year  
Warranty

The **R32GENC-R2-NS-VS-01** is a part of the **R Servomotors Series** by **Pacific Scientific**.

## Specifications

<b>Continuous Stall Current:</b>	0.9 to 3.7 A	<b>Continuous Stall Torque:</b>	14 to 32 lb-in / 1.6 to 3.6 Nm	<b>Inductance (line-line):</b>	47 to 26 mH
<b>Inertia (motor Only):</b>	0.45 to 1.01 lb-in. sec <sup>2</sup> x 10 <sup>3</sup>	<b>Peak Torque:</b>	66 to 160 lb-in / 7.4 to 18.1 Nm	<b>Resistance (cold, Line-line):</b>	62 to 22 Ohms
<b>Resistance (hot, Line-line):</b>	86 to 33 Ohms	<b>Rotor Type:</b>	Samarium cobalt permanent magnets for high torque to inertia	<b>Static Friction (max):</b>	0.23 to 0.47 lb-in / 0.026 to 0.053 Nm
<b>Thermal Resistance:</b>	1.65 to 1.14 °C/Watt	<b>Thermal Time Constant:</b>	8 to 17 minutes	<b>Torque Constant (peak, Line-line):</b>	0.38 to 0.62 Nm/A
<b>Viscous Damping Coefficient:</b>	0.04 to 0.11 lb-in/Krpm	<b>Voltage Constant (peak, Line-line):</b>	40 to 65 V/Krpm	<b>Weight (motor Only):</b>	1.5 to 3.4 lbs / 0.68 to 1.5 kg
<b>Last Verified:</b>	06/02/2025 9:56 AM				

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## 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.