

## Danaher - API Servo Drives

### PS-33061-R



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The **PS-33061-R** is a part of the **API Servo Drives Series** by **Danaher**.

## Specifications

<b>Analog Inputs:</b>	Differential $\pm 10$ VDC for velocity, current, or custom	<b>Command Formats:</b>	Step/Direction, Step-Up/Down, Quadrature, $\pm 10$ VDC analog	<b>Communication Interfaces:</b>	RS-232/422/485, digital control up to 31 axes
<b>Control Modes:</b>	Stored program and digital modes	<b>Cooling &amp; Heatsink:</b>	Integrated heatsink, supports forced air cooling	<b>Digital I/O:</b>	26-pin (J1), ENABLE/RESET inputs, 12 outputs
<b>DSP &amp; Processing:</b>	40-bit floating point DSP for motion control	<b>Feedback Device:</b>	Resolver, ratio 1.000, sensitivity $\sim 262$ mV/°	<b>Hardware Signals:</b>	ENABLE, RESET, DRIVE_OK
<b>High-Speed Inputs:</b>	2 inputs, 3.5 VDC for step/dir signals	<b>Integration Features:</b>	Master/slave & spline/CAM motion profiles	<b>Model Series:</b>	PS-33xxc (PS-3306c-R)
<b>Motor Compatibility:</b>	Brushless DC, brushed DC, 300 V induction motors	<b>Operating Voltage:</b>	Nominal 75 VAC bus voltage	<b>Resolver Input Current:</b>	Max 58 mA
<b>Resolver Input Voltage:</b>	7.5 V nominal	<b>Resolver Phase Shift:</b>	$\sim 6^\circ$ open-circuit	<b>Software Support:</b>	API Mate 2.0 programming/configuration

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA  
**Tuning & Control:** PID tuning with real-time adaptive load inertia estimation  
 Toll Free: [1-888-551-3082](tel:1-888-551-3082) **Last Verified:**

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## Shipping Options

07/26/2025  
12:33 AM



## Payment Methods

