



Pacific Scientific - SC450 Brushless Servo Controllers

SC453-001-03



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The **SC453-001-03** is a part of the **SC450 Brushless Servo Controllers Series** by **Pacific Scientific**.

Specifications

Acceleration/deceleration Range:	3 to 1,000,000 rpm/second	Continuous (stall) Output Power (230 Vac, 3-phase Input):	2250 W	Continuous Output Current (230 Vac Input):	7.5 A
Efficiency At Rated Continuous Power:	> 90%	Input Voltage:	115/230 VAC (+10%, -15%)	Non-volatile Memory Write Cycles:	10,000 operations
Operating Temperature Range:	0°C to 50°C for full rating	Peak Output Current:	15.0 A	Peak Output Power (230 Vac Input):	4500 W
Position Accuracy:	15 arcmin	Position Control Range:	0 to + 100,000,000 steps	Position Resolution:	4096 steps per rev (5.3 arcmin/step)
Speed Control Range:	0 to + 10,000 rpm	Torque (current) Limit Control Range:	0% to 100% of peak rating	Weight:	11 lbs (5.0 kg)
Last Verified:	05/31/2025 11:19 PM				

Contact Us

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Shipping Options



Payment Methods



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