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SV1272SG High Voltage Coreless Digital Servo

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Price

\$89.99

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Part

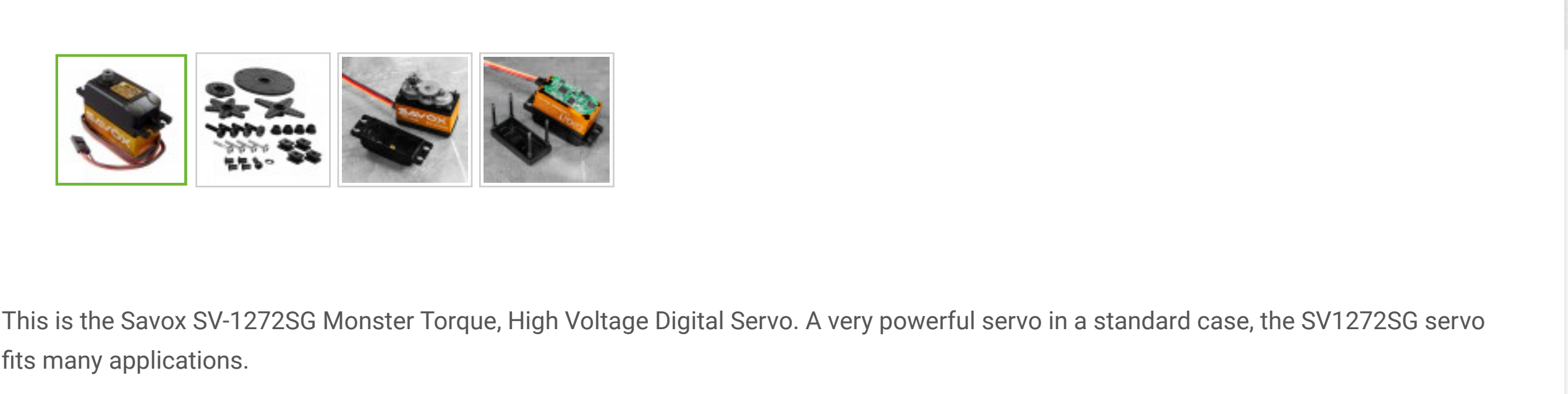
SV1272SG

Status

In stock

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This is the Savox SV-1272SG Monster Torque, High Voltage Digital Servo. A very powerful servo in a standard case, the SV1272SG servo fits many applications.

SPECS

RESOURCES

TECH TIPS

M3 x .5mm Thread  
7mm Depth

[0.657 in]  
16.7mm

[0.181 in]  
Ø4.6mm

[0.394 in]  
10mm

[1.575 in]  
40mm

[1.89 in]  
48mm

[2.126 in]  
54mm

[0.098 in]  
2.5mm

25 Tooth Spline

[0.413 in]  
10.5mm

[0.083 in]  
2.1mm

[1.587 in]  
40.3mm

[0.157 in]  
4mm

[1.463 in]  
37.2mm

[0.795 in]  
20.2mm

Dimensions	1.58" x 0.79" x 1.46" (40.3mm x 20.2mm x 37.2mm)
Product Weight	2.2oz (63g)
Output Shaft Style	25 tooth <a href="#">H25T</a> spline
Voltage Range	6.0V ~ 7.4V
No-Load Speed (6.0V)	0.13 sec/60°
No-Load Speed (7.4V)	0.10 sec/60°
Stall Torque (6.0V)	319.4 oz-in (23.0 kg.cm)
Stall Torque (7.4V)	416.6 oz-in (30.0 kg.cm)
Max PWM Signal Range (Standard)	800-2200µsec
Pulse Amplitude	3-5V
Operating Temperature	-10°C to 50°C
Current Drain - idle (6.0V)	5mA
Current Drain - idle (7.4V)	5mA
Current Drain - no-load (6V)	120mA
Current Drain - no-load (7.4V)	150mA
Current Drain - stall (6V)	4000mA (4.0A)
Current Drain - stall (7.4V)	5000mA (5.0A)
Direction w/ Increasing PWM Signal	Clockwise
Motor Type	Coreless
Output Shaft Support	Dual Ball Bearings
Gear Type	Straight Cut Spur
Gear Material	Steel
Wire Length	11.0" (279.4mm)
Wire Gauge	22 AWG

### Recommended Products

Standard Hub Shaft ServoBlock™ (25T Spline)

Standard Servo Plate C

0.1227" Pitch, Nylon Servo Sprockets

Vertical Aluminum Servo Mount

25 Tooth 0.500" Servo Shaft

Standard Futaba Hub Horn

Standard Gripper Kit A

Actobotics® Servo Controller (Unassembled)

0.250" Pitch, 10 Tooth Aluminum Servo Sprocket with 25 Tooth Spline

DDT500 Tilt Kit-25 Tooth Spline

25 Tooth 0.375" x 0.280" Servo Shaft

50.0' Super Duty Twisted Hitec Standard Wire

Dual Servo Driver (Unassembled)

Hitec Super-Duty Y-Harnesses

DDP125 Standard Pan-25 Tooth Spline

3F/H25T Spline Servo to 1/4" Shaft Coupler (Set Screw)

48P 25T 3F Spline Servo Mount Gears (Brass)

DDT560 6" Tilt-25 Tooth Spline

25 Tooth Spline Servo to Shaft Couplers

H25T/3F Servo Horns

Standard Plain Shaft ServoBlock™ (25T Spline)

Standard Servo Plate D

48P 25T 3F Spline Servo Mount Gears (Acetyl)

Standard Servo Plate A

Servo Rotary Driver

25T Lightweight Hub Horn

Standard Gripper Kit B

4 Servo Recorder

0.250" Pitch, Acetal Servo Sprockets with 25 Tooth Spline

DDT540 4" Tilt-25 Tooth Spline

25 Tooth 0.375" x 1.00" Servo Shaft

Servo Grease

Actobotics® Servo Controller

OEM Hitec Male (Gold Pin)

DDP155 Base Pan-25 Tooth Spline

3mm Socket Head Servo Screw 8mm long

32P 25T 3F Spline Servo Mount Gears (Metal)

Dual Servo Driver

Hitec Super-Duty Extensions

SPT100 Pan & Tilt Kit-25 Tooth Spline

2 Servo Joystick

32P 25T 3F Spline Servo Mount Gears (Acetyl)

Standard Servo Plate B

25 Tooth Servo Shaft Hub (0.500")

25 Tooth (3F/H25T) Spline, Servo to Shaft Clamping Coupler

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