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HS-805BB Servo



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Price	\$39.99 Sign up for Price Alert
Part	31805S
Status	Out of stock

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Known as the “monster” servo, the HS-805BB uses a heavy duty nylon gear train and a strong 10mm, 15 tooth output shaft to generate oz./in. of torque that will easily move just about any large plane, car, truck or boat!

SPECS

TECH TIPS

2.6" (66mm)

2.24" (57mm)

Dimensions	2.59" x 1.18" x 2.26" (66 x 30 x 57.6mm)
Product Weight	5.36 oz. (152g)
Output Shaft Style	15 tooth (D1) spline
Voltage Range	4.8V - 6.0V
No-Load Speed (4.8V)	0.19sec/60°
No-Load Speed (6.0V)	0.14sec/60
Stall Torque (4.8V)	274.96 oz/in. (19.8kg.cm)
Stall Torque (6.0V)	343.01 oz/in. (24.7kg.cm)
Max PWM Signal Range (Standard)	556-2420µsec

Travel per μ s (out of box)	.105°/ μ sec
Max Travel (out of box)	199.5°
Pulse Amplitude	3-5V
Operating Temperature	-20°C to +60°C
Current Drain - idle (4.8V)	8mA
Current Drain - idle (6.0V)	8.7mA
Current Drain - no-load (4.8V)	700mA
Current Drain - no-load (6V)	830mA
Continuous Rotation Modifiable	Yes
Direction w/ Increasing PWM Signal	Clockwise
Deadband Width	8 μ s
Motor Type	3 Pole Ferrite
Potentiometer Drive	Indirect Drive
Feedback Style	5K Ω Potentiometer
Output Shaft Support	Dual Ball Bearings
Gear Type	Straight Cut Spur
Gear Material	Nylon
Wire Length	11.81" (300mm)
Wire Gauge	22AWG

Recommended Products



5805-ARM Giant Scale Aluminum Servo Arm



Servo Grease




56352 Hitec OEM Replacement Case Set



56350 Hitec OEM Replacement Gear Set



180° Servo Stretcher



OEM Hitec Male (Gold Pin)

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