

# HS-5565MH Servo



Dimensions	1.57" x 0.78" x 1.49" (39.8 x 19.8 x 37.8mm)
Product Weight	2.10oz (60g)
Output Shaft Style	24 tooth (C1) spline
Voltage Range	6.0V - 7.4V
No-Load Speed (6.0V)	0.11sec/60°
No-Load Speed (7.4V)	0.09sec/60°
Stall Torque (6.0V)	153 oz/in. (11 kg.cm)
Stall Torque (7.4V)	194 oz/in. (14 kg.cm)
Max PWM Signal Range (Standard)	750-2250µsec
Travel per µs (out of box)	.079°/µsec
Travel per µs (reprogrammed normal res)	.134°/µsec
Max Travel (out of box)	119°
Max Travel (reprogrammed normal res)	200.5°
Pulse Amplitude	3-5V
Operating Temperature	-20°C to +60°C
Continuous Rotation Modifiable	Yes
Direction w/ Increasing PWM Signal	Clockwise
Deadband Width	2µs
Motor Type	Coreless
Feedback Style	5KΩ Potentiometer
Output Shaft Support	Dual Ball Bearings
Gear Type	Straight Cut Spur
Gear Material	Metal
Wire Length	11.81" (300mm)
Wire Gauge	22AWG