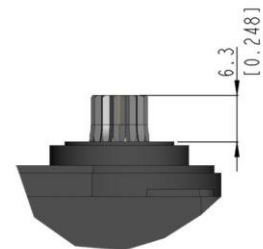
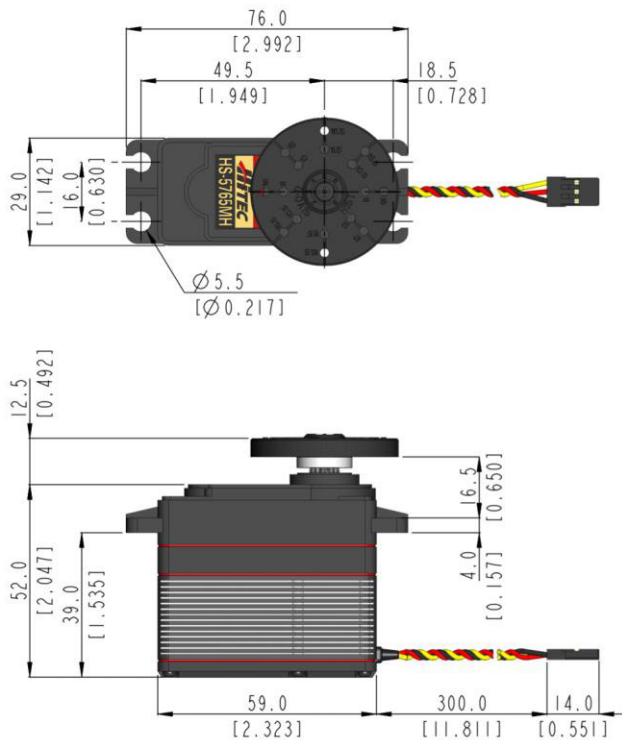


# HS-5765MH General Specification.



Control System	PWM		-
Position Sensor Type	Contact Analog Potentiometer		-
Motor Type	Cored Carbon Brush		At the Max voltage, it is recommended to be used only for a short time duration.
Operating Voltage Range	3.5 ~ 8.4V		
Voltage	-	6.0V	7.4V
No Load Speed	-	0.16sec/60°	0.13sec/60°
Stall Torque	-	20.0kgf-cm (277.7 oz-in)	25.0kgf-cm (347.2 oz-in)
Peak Efficiency Torque	-	4.0kgf-cm (55.5 oz-in)	5.0kgf-cm (69.4 oz-in)
Standing Current	-	3mA	3mA
No Load Running Current	-	840mA	1,100mA
Stall Current	-	4,700mA	5,800mA
Deadband	-	5μs	5μs
Operating Travel	Default: ±60°, Programmable: Max 175° / Pulse Width: 900~2100μs(Center:1500μs)		
Continuous Rotation	n/a		
Operating Temperature Range	-20°C ~ +60°C (-4°F ~ +140°F)		-
Storage Temperature Range	-30°C ~ +80°C (-22°F ~ +176°F)		-
Connector Wire Length	300mm (11.811inch)		
Connector Wire Gauge	22AWG		
Dimensions	59.0mm x 29.0mm x 52.0mm (2.323inch x 1.142inch x 2.047inch)		General Tolerance ±0.1mm
Weight	172.3g (6.078oz)		Excluding the weight of Horn
Bearing Type	3 Ball Bearing		-
Case Material	Engineering plastic & Aluminum Heat Sink		-
Gear Material	1 Metal-Plastic & 3 Metal Gears		-
Gear Train Backlash	Max 0.5°		-
Horn Gear Spline	15T(Ø8.0)		-
IP-Rating	IP54		-
Servo Amplifier Type	8bit Programmable Digital		-



1:1 scale (Unit : mm[inch])

- This product should not be used directly on the human body for medical purposes.
- All specifications are subject to change without notice.



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