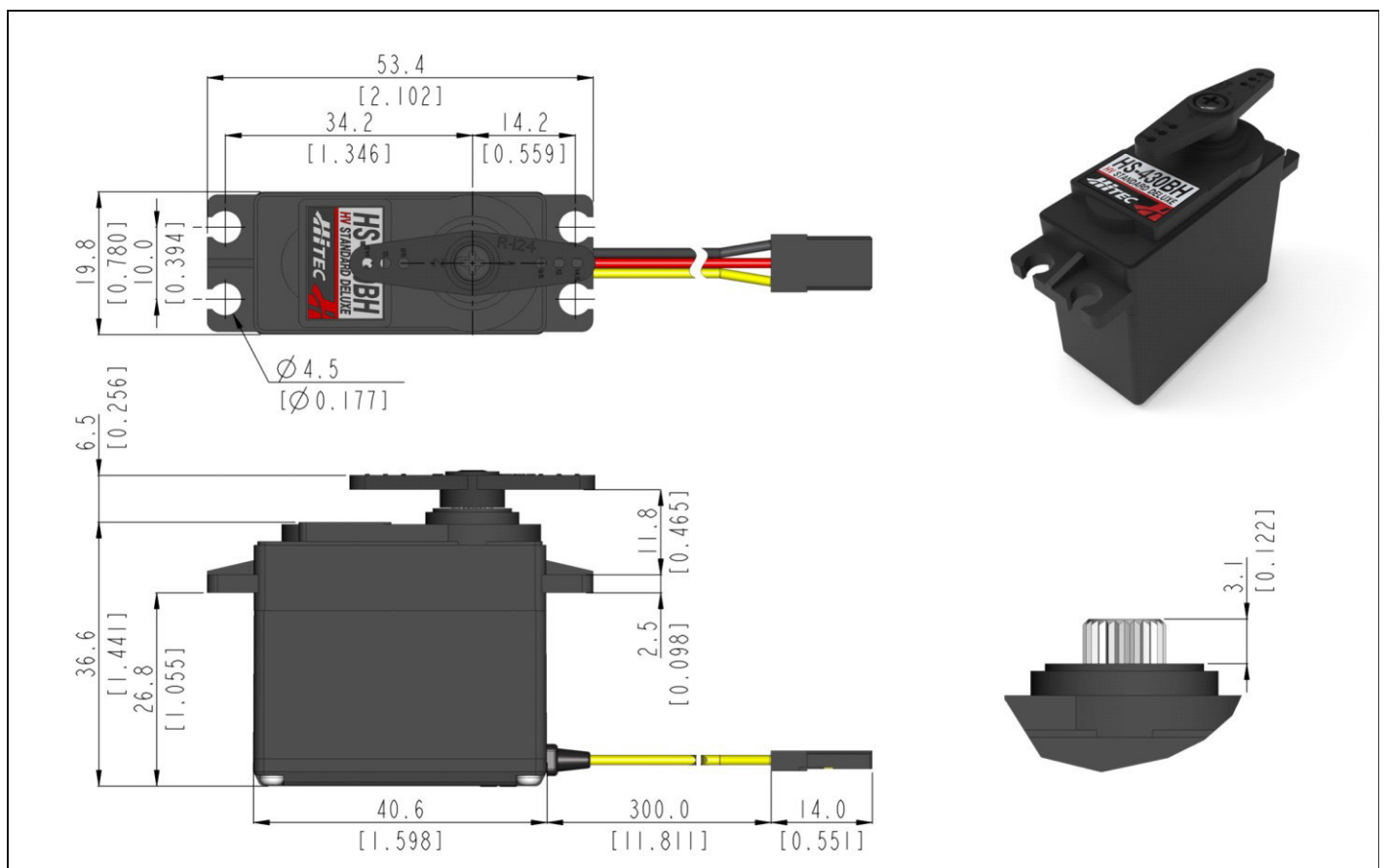


HS-430BH General Specification.



Control System	PWM		-	
Position Sensor Type	Contact Analog Potentiometer		-	
Motor Type	Cored Metal Brush		At 25°C(±10%), 45%RH(±10%) <u>measurement environment</u>	
Operating Voltage Range	6.0 ~ 7.4V			
Voltage	-	6.0V		7.4V
No Load Speed	-	0.16sec/60°		0.14sec/60°
Stall Torque	-	4.1kgf-cm (56.94oz-in)		5.0kgf-cm (69.44oz-in)
Peak Efficiency Torque	-	0.8kgf-cm (11.1 oz-in)		1.0kgf-cm (13.9 oz-in)
Standing Current	-	8mA		10mA
No Load Running Current	-	150mA		190mA
Stall Current	-	750mA		930mA
Deadband	-	5μs		5μs
Operating Travel	Default: ±60°, Non-programmable / 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	24WAG			
Dimensions	40.6mm x 19.8mm x 36.5mm (1.598inch x 0.780inch x 1.437inch)		General Tolerance ±0.1mm	
Weight	45.5g (1.605oz)		Excluding the weight of Horn	
Bearing Type	2 Ball Bearing		-	
Case Material	Engineering Plastic		-	
Gear Material	4 Resin Gears		-	
Gear Train Backlash	Max 0.5°		-	
Horn Gear Spline	24T(Ø6)		-	
IP-Rating	IP4X		-	
Servo Amplifier Type	Analog Contorller		-	



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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