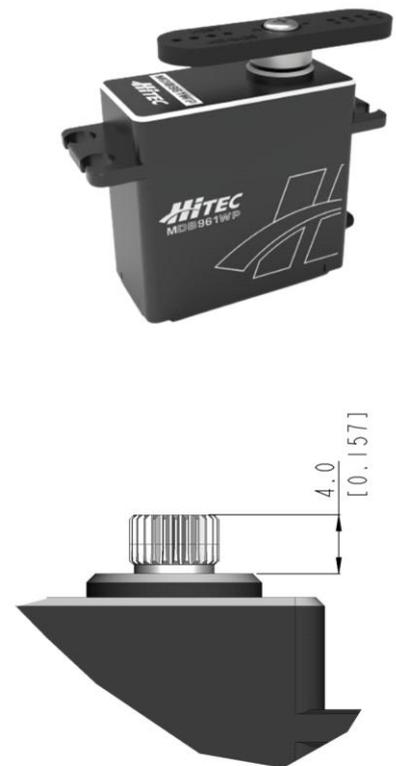
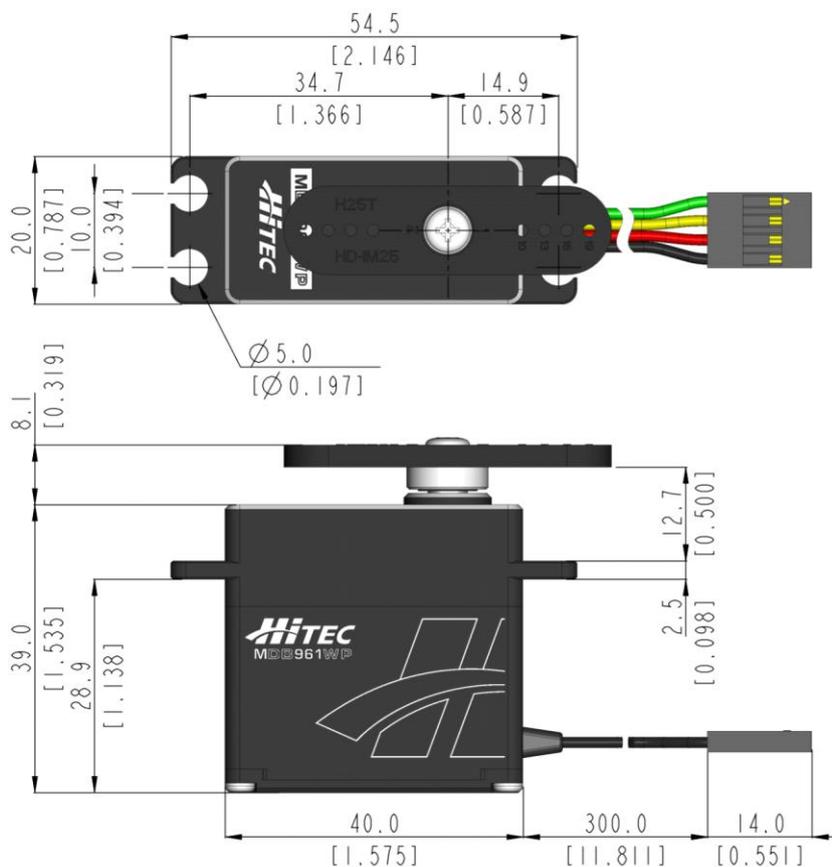


MDB951WP-CAN 28V General Specification.



Control System	CAN 2.0A,B			-	
Position Sensor Type	Contactless Magnetic Encoder			-	
Motor Type	BLDC			At the Max voltage, it is recommended to be used only for a short time duration.	
Operating Voltage Range	8.0 ~ 32.0V				
Voltage	12.0V	24.0V	28.0V	At 25°C(±10%), 45%RH(±10%) measurement environment	
No Load Speed	0.10sec/60°	0.10sec/60°	0.10sec/60°		
Stall Torque	45.0kgf-cm (624.93oz-in)	50.0kgf-cm (694.37oz-in)	50.0kgf-cm (694.37oz-in)		
Peak Efficiency Torque	9.0kgf-cm (124.99oz-in)	10.0kgf-cm (138.87oz-in)	10.0kgf-cm (138.87oz-in)		
Standing Current	20mA	12mA	11mA		
No Load Running Current	500mA	300mA	200mA		
Stall Current	6,700mA	3,400mA	3,000mA		
Deadband	n/a	n/a	n/a		
Operating Travel	Servo Mode : ±60°(Default), ±150°(Programmable) / Turn Mode : ±32760 Turns				F/W v1.5 or Higher version
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	300. mm (11.811inch)				
Connector Wire Gauge	20AWG				
Dimensions	40.0mm x 20.0mm x 39.0mm (1.575inch x 0.787inch x 1.535inch)			General Tolerance ±0.1mm	
Weight	90.0g (3.175oz)			Excluding the weight of Horn	
Bearing Type	2 Ball Bearing			-	
Case Material	Aluminum Alloy			-	
Gear Material	5 Hardened Steel Gears			-	
Gear Train Backlash	Max 0.5°			-	
Horn Gear Spline	25T(Ø6)			-	
IP-Rating	IP67			-	
Servo Amplifier Type	32bit programmable Digital			-	



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

- This TARGET spec sheet is intended for temporary reference purposes only.
- Be careful as strong magnetic fields may cause malfunction of the product.

