
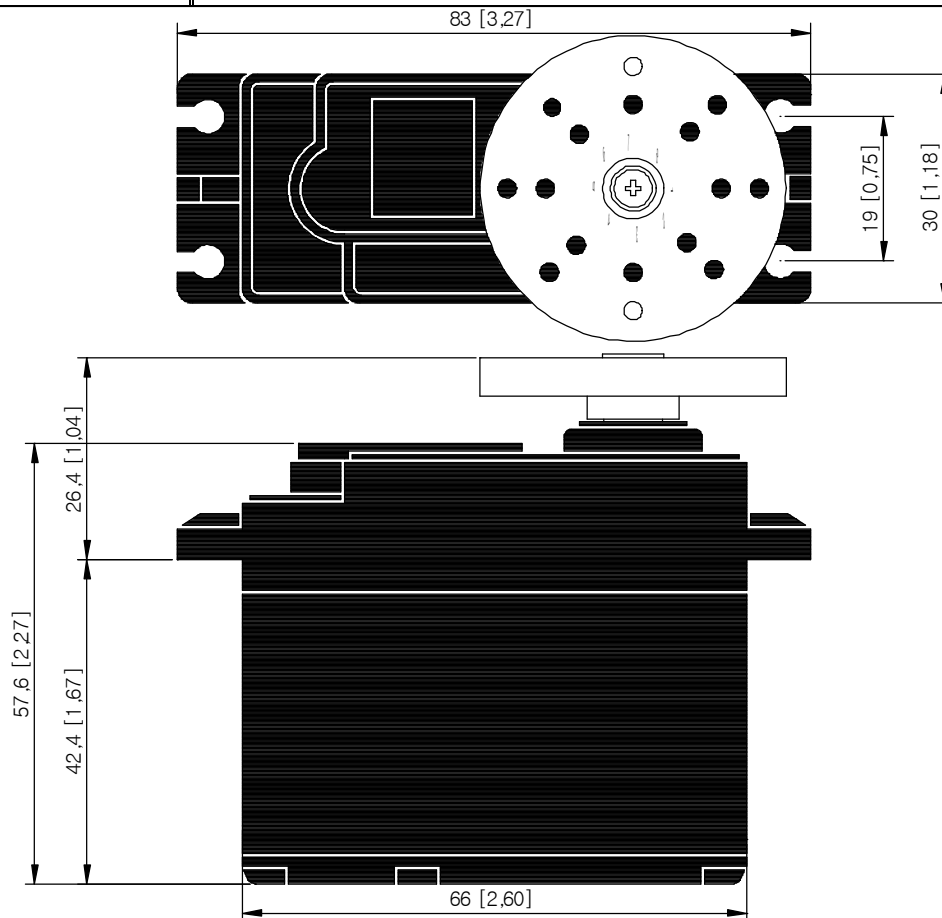


# HS-805MG General Specification.



## METAL GEAR MEGA SCALE SERVO

Control system	PWM			-	
Position sensor type	Contact Analog Potentiometer			-	
Operating voltage range	4.8 ~ 6.0 V			-	
Motor type	Cored Carbon brush			-	
Voltage	4.8V	6.0V	-	At 25°C, 45% (±10%) measurement environment	
No load speed	0.19sec/60°	0.14sec/60°	-		
Stall torque	19.8 kgfcm(274.97oz-in)	24.7 kgfcm(343.02oz-in)	-		
Standing current	8.0mA	10.0mA	-		
No load running current	400mA	520mA	-		
Stall current	4,800mA	6,000mA	-		
Dead band width	5usec	5usec	-		
Operating travel	40°±5°/One side pulse traveling 400usec				-
Operating temperature range	-20°C ~ +60°C (-4°F ~+140°F)				-
Vibrations at no load	-				-
Storage temperature range	-30°C ~ +80°C (-31°F ~+176°F)			-	
Connector wire length	300mm(11.81inch)				
Connector wire gauge	22AWG				
Dimensions	66.0 mm x 30.0 mm x 57.6 mm ( 2.6 inch x 1.18inch x 2.27inch )			-	
Weight	197.0 g( 6.95oz)			-	
Ball bearing	Dual Ball Bearing			-	
Case material	Engineering Plastic			-	
Gear material	1 Resin & 4 Metal			-	
Gear train backlash	Max 0.5°			-	
Horn gear spline	15T(Ø8)			-	
IP rate	-			-	
Servo Amplifier type	Analog Contorller			-	
Features	-			-	
Applications	-			-	



1:1 scale (unit : mm)

