
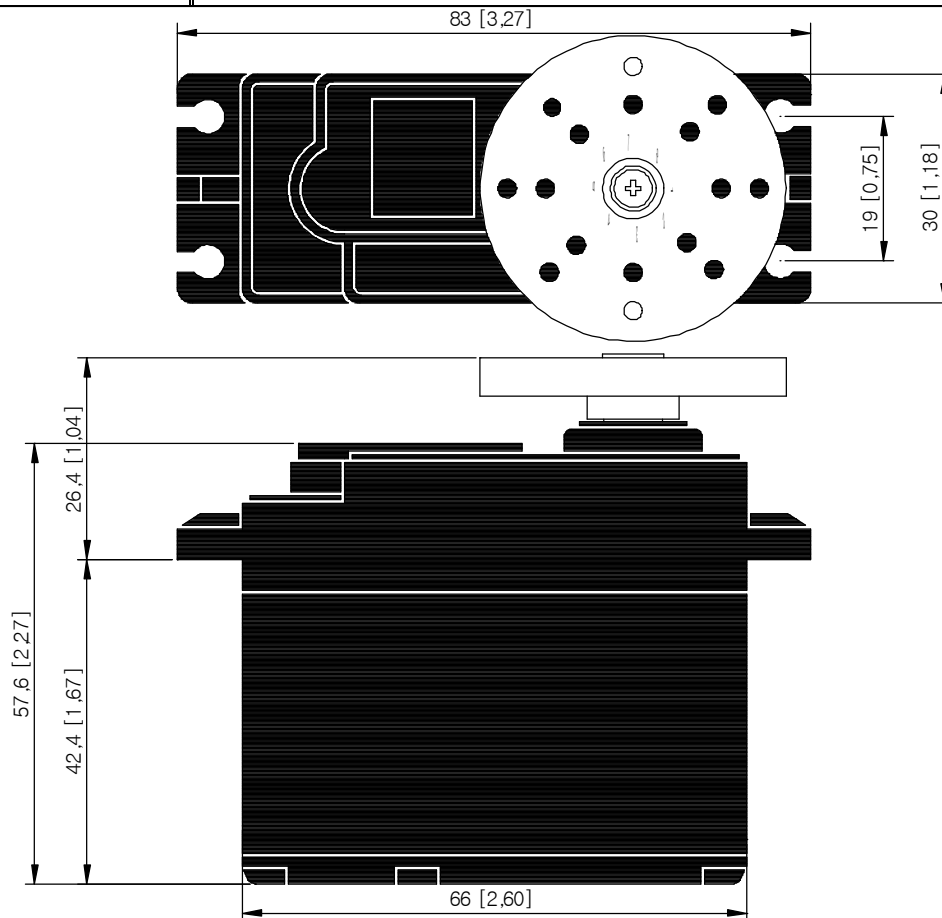


HS-805MG General Specification.



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	IP54			-
Servo Amplifier type	Analog Contorller			-
Features	-			-
Applications	-			-



1:1 scale (unit : mm)

