

# HS-7954SH Servo Specifications

Performance Specifications	
Operating Voltage Range (Volts DC)	6.0V ~ 7.4V
Speed (Second @ 60°)	0.15 ~ 0.12
Maximum Torque Range oz. / in.	333 ~ 403
Maximum Torque Range kg. / cm.	24.0 ~ 29.0
Current Draw at Idle	9 mA
No Load Operating Current Draw	240 mA
Stall Current Draw	3,000 mA
Dead Band Width	1 μs
Physical Specifications	
Dimensions (Inches)	1.57 x 0.78 x 1.45
Dimensions (Metric)	40.0 x 20.0 x 37.0
Weight (Ounces)	2.40
Weight (Gram)	68.0
Circuit Type	G2 Programmable Digital
Motor Type	Coreless Metal Brush
Gear Material	Steel
Bearing Type	Dual Ball Bearing
Output Shaft (type / Ømm)	Standard 24
Case Material	Plastic / Aluminum
Dust / Water Resistance	Splash Proof
Connector Gauge (AWG) / Strand Count	22 / 60