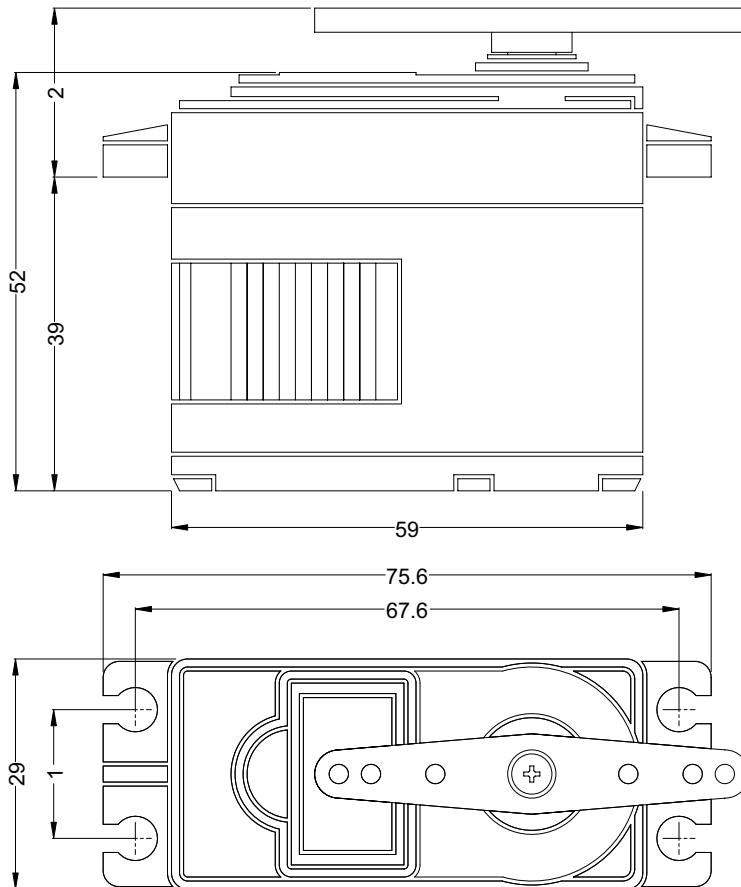


# ANNOUNCED SPECIFICATION OF HS-5735MG 1/4 SCALE DELUXE DIGITAL SERVO

## 1. TECHNICAL VALUES

CONTROL SYSTEM	:+PULSE WIDTH CONTROL 1500usec NEUTRAL	
OPERATING VOLTAGE RANGE	:4.8V TO 6.0V	
OPERATING TEMPERATURE RANGE	:-20 TO +60° C	
TEST VOLTAGE	:AT 4.8V	AT 6.0V
OPERATING SPEED	:0.16sec/60° AT NO LOAD	0.13sec/60° AT NO LOAD
STALL TORQUE	:16kg.cm(222.19oz.in)	19kg.cm(263.85oz.in)
OPERATING ANGLE	:40°/ONE SIDE PULSE TRAVELING 400usec	
DIRECTION	:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
IDLE CURRENT	:3mA	3mA
RUNNING CURRENT	:700mA	840mA
DEAD BAND WIDTH	:1usec	
CONNECTOR WIRE LENGTH	:300mm(11.81in)	
DIMENSIONS	:59x29x52mm(2.32x1.14x2.04in)	
WEIGHT	:146g(5.14oz)	



## 2. FEATURES

- DIGITAL & MOS FET AMP
- PROGRAMABLE
- 3-POLE FERRITE CARBON BRUSH MOTOR
- DUAL BALL BEARING
- ONE RESIN-METAL GEAR/THREE ALL METAL GEARS
- ONE METAL SPLINED HORN
- WATER & DUST TIGHT
- MOTOR HEAT-SINK

## 3. APPLICATIONS

- GIANT SCALE AIRCRAFT
- 1/4 SCALE CARS
- LARGE SCALE BOATS