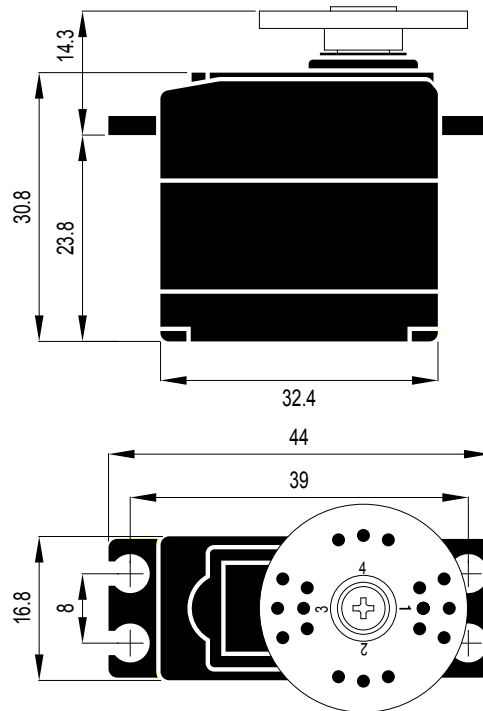


# ANNOUNCED SPECIFICATION OF HS-5245MG DIGITAL MINI METAL GEAR SERVO

## 1. TECHNICAL VALUES

CONTROL SYSTEM	:+PULSE WIDTH CONTROL 1500usec NEUTRAL	
OPERATING VOLTAGE RANGE	:4.8V TO 6.0V	
OPERATING TEMPERATURE RANGE	:-20°C TO +60°C	
TEST VOLTAGE	:AT 4.8V	
OPERATING SPEED	:0.15sec/60°:NO LOAD	AT 6.0V 0.12sec/60°:NO LOAD
STALL TORQUE	:4.4kg.cm(61.10oz.in)	5.5kg.cm(76.37oz.in)
STANDING TORQUE	:8.8kg.cm(122.20oz.in)	11kg.cm(152.75oz.in)
OPERATING ANGLE	:40°ONE SIDE PULSE TRAVELING 400usec	
DIRECTION	:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
IDLE CURRENT DRAIN	:3mA AT STOPPED	3mA AT STOPPED
RUNNING CURRENT DRAIN	:250mA AT NO LOAD	300mA AT NO LOAD
DEAD BAND WIDTH	:1usec	
CONNECTOR WIRE LENGTH	:300mm(11.81in)	
DIMENSIONS	:32.4x16.8x30.8mm(1.27x0.66x1.21in)	
WEIGHT	:32g(1.12oz)	



## 2. FEATURES

- DIGITAL & MOS FET AMP
- PROGRAMABLE
- 3 POLE FERRITE MOTOR
- LONG LIFE POTENTIOMETER
- DUAL BALL BEARING
- INDIRECT DRIVE POTENTIOMETER
- GOLD PLATED CONNECTOR
- NARROW DEAD BAND WIDTH & HIGH STANDING TORQUE
- SIX ADJUSTABLE SPLINED HORNS

## 3. APPLICATIONS

- SMALL & MEDIUM PLANES
- SPORT PLANES
- 30 HELICOPTERS
- GLIDERS
- CARS