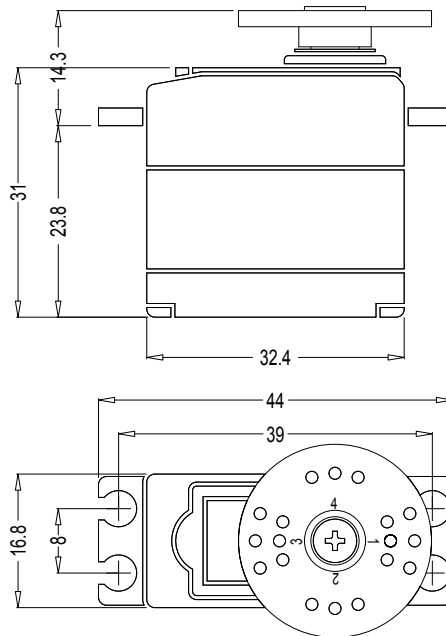


# ANNOUNCED SPECIFICATION OF HS-225MG MIGHT MINI METAL GEAR SERVO

## 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                                     | AT 6.0V                |
| OPERATING SPEED             | :0.14sec/60° AT NO LOAD                      | 0.11sec/60° AT NO LOAD |
| STALL TORQUE                | :3.9kg.cm(54.15oz.in)                        | 4.8kg.cm(66.65oz.in)   |
| OPERATING ANGLE             | :45°ONE SIDE PULSE TRAVELING 400usec         |                        |
| DIRECTION                   | :CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec |                        |
| CURRENT DRAIN               | :8mA/IDLE AND 300mA NO LOAD RUNNING          |                        |
| DEAD BAND WIDTH             | :8usec                                       |                        |
| CONNECTOR WIRE LENGTH       | :300mm(11.81in)                              |                        |
| DIMENSIONS                  | :32.4x16.8x31mm(1.27x0.66x1.22in)            |                        |
| WEIGHT                      | :31g (1.09oz)                                |                        |



## 2. FEATURES

- 3-POLE FERRITE MOTOR
- LONG LIFE POTENTIOMETER
- 1-OILITE BUSHING AND 1-BALL BEARING
- INDIRECT POTENTIOMETER DRIVE
- 3-METAL GEARS
- HYBRID I.C

## 3. APPLICATIONS

- AIRCRAFT UP TO 10 POUNDS
- STEERING SERVO FOR ON-ROAD 1/12TH 1/10 ELECTRIC
- FAST ELECTRIC BOATS