GENERAL SPECIFICATION OF
HS-765HB SAIL CONTROL SERVO

1. TECHNICAL VALUE
   CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   OPERATING TEMPERATURE RANGE: -20℃ TO +60℃ (-68°F TO +140°F)
   TEST VOLTAGE: AT 4.8V
   OPERATING SPEED: 0.28sec/60° AT NO LOAD
   STALL TORQUE: 11kg.cm (152.75oz.in)
   STANDING TORQUE: 8.8kg.cm (122.20oz.in) /5° HOLD OUT
   IDLE CURRENT: 8mA AT STOPPED
   RUNNING CURRENT: 230mA/60° AT NO LOAD RUNNING
   STALL CURRENT: 1500mA
   DEAD BAND WIDTH: 5usec
   OPERATING TRAVEL: 50°/ONE SIDE PULSE TRAVELING 400usec
   DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   MOTOR TYPE: SLIDER/INDIRECT DRIVE
   POTENTIOMETER TYPE: CORED/METAL BRUSH
   AMPLIFIER TYPE: ANALOG AMPLIFIER
   DIMENSIONS: 59x29x50mm (2.32x1.14x1.96in)
   WEIGHT: 104.8g (3.69oz)
   BALL BEARING: DUAL/MR106
   GEAR MATERIAL: HEAVY DUTY RESIN
   HORN GEAR SPLINE: 24 SEGMENTS #5.76
   SPLINED HORNS: QUARTER SCALE/Q-1, Q-O, Q-X/LONG ARM 108mm (4.25in)
   CONNECTOR WIRE LENGTH: 300mm (11.81in)
   CONNECTOR WIRE STRAND COUNTER: 60EA
   CONNECTOR WIRE GAUGE: 22AWG

2. FEATURES
   WATER & DUST TIGHT
   DURABLE HEAVY DUTY RESIN GEARS WITH BALL BEARINGS

3. APPLICATIONS
   FOR SAIL BOAT

HITEC RCD KOREA INC.