ANNOUNCED SPECIFICATION OF
HS-325HB STANDARD BALL BEARING SERVO

1. TECHNICAL VALUE
   CONTROL SYSTEM: PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 4.8V TO 6.0V
   TEST VOLTAGE: AT 4.8V, AT 6.0V
   OPERATING SPEED: 0.19sec/60° AT NO LOAD 0.15sec/60° AT NO LOAD
   STALL TORQUE: 3kg.cm(41.6oz.in) 3.7kg.cm(51.3oz.in)
   IDLE CURRENT: 7.4mA AT STOPPED 7.7mA AT STOPPED
   RUNNING CURRENT: 160mA/60° AT NO LOAD 180mA/60° AT NO LOAD
   STALL CURRENT: 700mA 800mA
   DEAD BAND WIDTH: 5usec 5usec
   OPERATING TRAVEL: 40° ONE SIDE PULSE TRAVELING 400usec
   DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   MOTOR TYPE: CORED METAL BRUSH
   POTENTIOMETER TYPE: 4 SLIDER/DIRECT DRIVE
   AMPLIFIER TYPE: ANALOG CONTROLLER & TRANSISTOR DRIVER
   DIMENSIONS: 40x20x36.5mm(1.57x0.78x1.43in)
   WEIGHT: 43g(1.51oz)
   BALL BEARING: TOP/BALL BEARING
   GEAR MATERIAL: 2 HEAVY DUTY RESIN
   HORN GEAR SPLINE: 24 SEGMENTS/Ø5.76
   CONNECTOR WIRE LENGTH: 300mm(11.81in)
   CONNECTOR WIRE STRAND COUNTER: 40EA
   CONNECTOR WIRE GAUGE: 25AWG

2. FEATURES
   LONG LIFE POTENTIOMETER, TOP BALL BEARING, 2 HEAVY DUTY RESIN GEARS

3. APPLICATIONS
   AIRCRAFT 20-40 SIZE, STEERING AND THROTTLE SERVO FOR CARS, TRUCK AND BOATS

HITEC RCD KOREA INC.