GENERAL SPECIFICATION OF HS-430BH STANDARD DELUXE SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM
   OPERATING VOLTAGE RANGE
   OPERATING TEMPERATURE RANGE
   TEST VOLTAGE
   OPERATING SPEED
   STALL TORQUE
   IDLE CURRENT
   RUNNING CURRENT
   STALL CURRENT
   DEAD BAND WIDTH
   OPERATING TRAVEL
   DIRECTION
   ROTATIONAL LIFE
   MOTOR TYPE
   POTENTIOMETER TYPE
   AMPLIFIER TYPE
   DIMENSIONS
   WEIGHT
   BALL BEARING
   GEAR MATERIAL
   HORSE GEAR SPLINE
   SPLINED HORNS
   CONNECTOR WIRE LENGTH
   CONNECTOR WIRE STRAND COUNTER
   CONNECTOR WIRE GAUGE

PULSE WIDTH CONTROL 1500usec NEUTRAL
6.0V TO 7.4V
-20°C TO +60°C(-4°F TO +140°F)
AT 6.0V
0.16sec/60° AT NO LOAD
0.14sec/60° AT NO LOAD
4.1kg.cm(56.93oz.in)
5.0kg.cm(69.43oz.in)
6mA AT STOPPED
10mA AT STOPPED
150mA/60° AT NO LOAD
190mA/60° AT NO LOAD
975mA
930mA
5usec
5usec
40°/SIDE PULSE TRAVELING 400usec
CLOCK WISE/PULSE TRAVELING 1500 to 1900usec
40,000cycle MIN/1.3kpc.cm LOADED
CORED METAL BRUSH
8 SLIDER/DIRECT DRIVE
ANALOG AMPLIFIER WITH MOSFET DRIVE
40.6x19.8x36.6mm(1.59x0.77x1.44in)
45.5g(1.6oz)
DUAL /MR106
#OM RESIN
24 SEGMENTS/#5.76
REGULAR/R-C,R-DR-1,R-D-R-X
300m(1.01ft)
#40E
#3AWG

2. FEATURES
   LONG LIFE
   DUAL BALL BEARING
   INDIRECT POTENTIOMETER DRIVE

3. APPLICATIONS
   AIRCRAFT 20-60 SIZE
   30 SIZE HELICOPTERS
   STEERING AND THROTTLE SERVO FOR CARS
   TRUCK AND BOATS

HITEC RCD KOREA, INC.