

PREPARED BY JUN HEE, LEE

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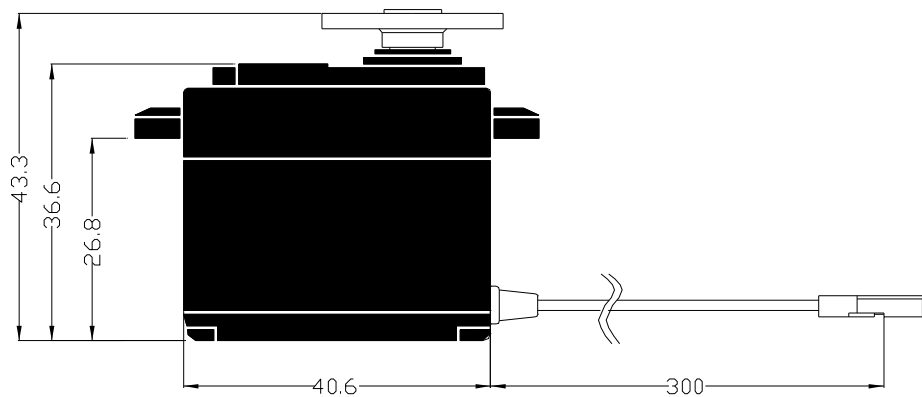
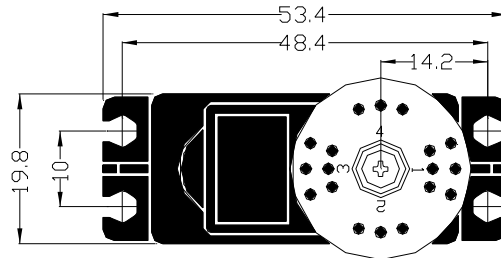
UPDATE:NOV 06,2008

UPDATE:NOV 08,2010

## GENERAL SPECIFICATION OF HS-430BH STANDARD DELUXE SERVO

### 1. TECHNICAL VALUES

<b>CONTROL SYSTEM</b>	:+PULSE WIDTH CONTROL 1500usec NEUTRAL	
<b>OPERATING VOLTAGE RANGE</b>	:6.0V TO 7.4V	
<b>OPERATING TEMPERATURE RANGE</b>	:-20°C TO +60°C(-4°F TO +140°F)	
<b>TEST VOLTAGE</b>	:AT 6.0V	AT 7.4V
<b>OPERATING SPEED</b>	:0.16sec/60° AT NO LOAD	0.14sec/60° AT NO LOAD
<b>STALL TORQUE</b>	:4.1kg.cm(56.93oz.in)	5.0kg.cm(69.43oz.in)
<b>IDLE CURRENT</b>	:8mA AT STOPPED	10mA AT STOPPED
<b>RUNNING CURRENT</b>	:150mA/60° AT NO LOAD	190mA/60° AT NO LOAD
<b>STALL CURRENT</b>	:750mA	930mA
<b>DEAD BAND WIDTH</b>	:5usec	5usec
<b>OPERATING TRAVEL</b>	:40°/ONE SIDE PULSE TRAVELING 400usec	
<b>DIRECTION</b>	:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
<b>ROTATIONAL LIFE</b>	:10,000cycle MIN/1.3kg.cm LOADED	
<b>MOTOR TYPE</b>	:CORED METAL BRUSH	
<b>POTENTIOMETER TYPE</b>	:2 SLIDER/DIRECT DRIVE	
<b>AMPLIFIER TYPE</b>	:ANALOG AMPLIFIER WITH MOSFET DRIVE	
<b>DIMENSIONS</b>	:40.6x19.8x36.6mm(1.59x0.77x1.44in)	
<b>WEIGHT</b>	:45.5g(1.6oz)	
<b>BALL BEARING</b>	:DUAL /MR106	
<b>GEAR MATERIAL</b>	:POM RESIN	
<b>HORN GEAR SPLINE</b>	:24 SEGMENTS/ø5.76	
<b>SPLINED HORNS</b>	:REGULAR/R-C,R-D,R-I,R-□,R-X	
<b>CONNECTOR WIRE LENGTH</b>	:300mm(11.81in)	
<b>CONNECTOR WIRE STRAND COUNTER</b>	:40EA	
<b>CONNECTOR WIRE GAUGE</b>	:25AWG	



### 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.**