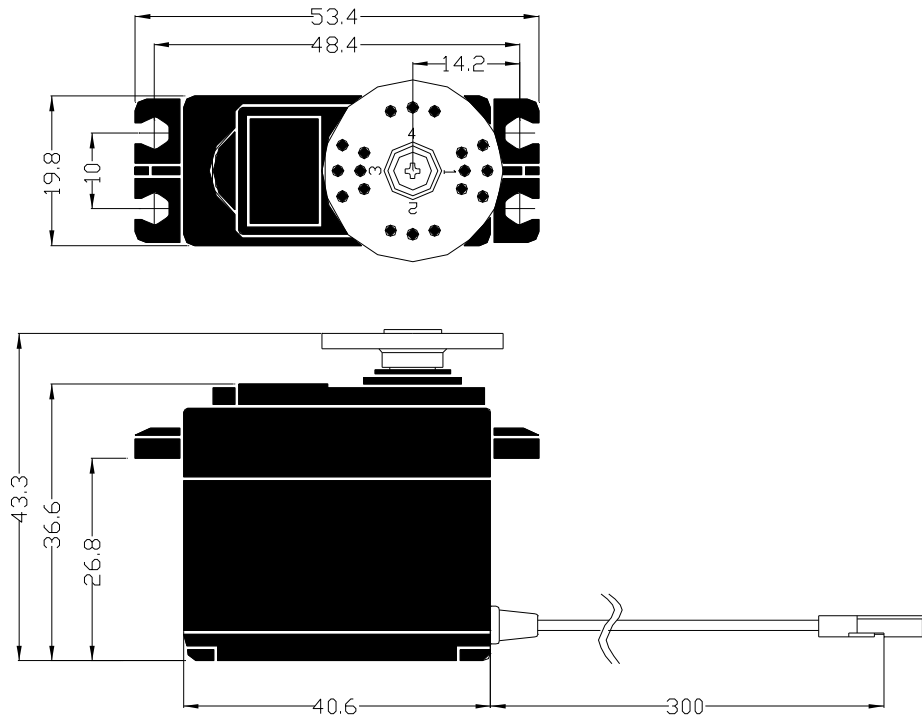


GENERAL SPECIFICATION OF HS-430BH STANDARD DELUXE SERVO

1. TECHNICAL VALUES

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