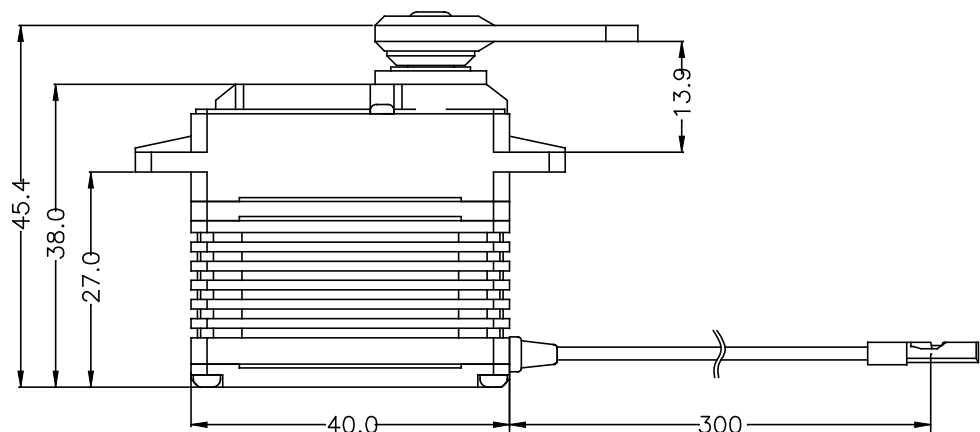
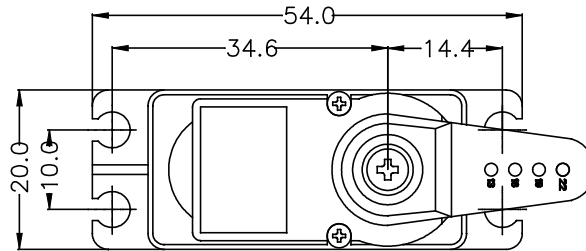


GENERAL SPECIFICATION OF HSG-8315BH STANDARD GYRO SERVO

1. TECHNICAL VALUE

GYRO MODE CONTROL SYSTEM	:+PULSE WIDTH CONTROL 760us NEUTRAL/460~1060us/2ms FRAME	
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	:0.05sec/60° AT NO LOAD	0.04sec/60° AT NO LOAD
STALL TORQUE	:4.3kg.cm(59.72oz.in)	5.3kg.cm(73.61oz.in)
IDLE CURRENT	:10mA AT STOPPED	10mA AT STOPPED
RUNNING CURRENT	:250mA/NO LOAD RUNNING	300mA/NO LOAD RUNNING
STALL CURRENT	:2,560mA	3,150mA
DEAD BAND WIDTH	:1usec	1usec
OPERATING TRAVEL	:55±5°/ONE SIDE PULSE TRAVELING 300usec	
DIRECTION	:CLOCK WISE/PULSE TRAVELING 760 TO 1060usec	
MOTOR TYPE	:CORELESS/METAL BRUSH, HIGH RESPONSE	
POTENTIOMETER TYPE	:4 SLIDER/1M CYCLE LONG LIFE/INDIRECT DRIVE	
AMPLIFIER TYPE	:DIGITAL AMPLIFIER & MOSFET DRIVE	
DIMENSIONS	:40x20x38mm(1.57x0.79x1.49in)	
WEIGHT	:60.0g(2.11oz)	
BALL BEARING	:DUAL/MR106	
GEAR MATERIAL	:KARBONITE RESIN	
HORN GEAR SPLINE	:25 SEGMENTS/ø6.0	
SPLINED HORNS	:HEAVY DUTY/LS25, IM25, OS25, X25	
CONNECTOR WIRE LENGTH	:300mm(11.81in)	
CONNECTOR WIRE STRAND COUNTER	:80EA	
CONNECTOR WIRE GAUGE	:22AWG	



2. FEATURES

COMPLTIBLE WITH ALMOST STANDARD GYRO SYSTEM(760us NEUTRAL PULSE)
 HIGH VOLTAGE & RESPONSE DIGITAL HELI GYRO SERVO
 HEAVY DUTY RESIN GEARS WITH DUAL BALL BEARING
 ULTRA HARDNESS GEAR SHAFT WITH 3 AXIAL METAL BUSHINGS
 ENHANCED HEAT SINK FOR BEST PERFORMANCE
 ENHANCED WATER & DUST RESISTANT
 3mm HORN SCREW("+" & HEX SOCKET SCREW INCLUDE)
 APPLIED H25T HORN GEAR

3. APPLICATIONS

500~800 CALSS EP & NITRO HELICOPTERS RUDDER

HITEC RCD KOREA INC.