GENERAL SPECIFICATION OF HS-755HB QUARTER SCALE SERVO

1.TECHNICAL VALUE

STANDING TORQUE

CONTROL SYSTEM :+PULSE WIDTH CONTROL 1500usec NEUTRAL

OPERATING VOLTAGE RANGE :4.8V TO 6.0V

OPERATING TEMPERATURE RANGE $:-20^{\circ}C$ TO $+60^{\circ}C(-4?$ TO $+140^{\circ}F)$

TEST VOLTAGE :AT 4.8V AT 6.0V :0.28sec/60° AT NO LOAD OPERATING SPEED 0.23sec/60° NO LOAD : 11kg.cm(152.75oz.in) STALL TORQUE 13.2kg.cm(183.31oz.in)

:8.8kg.cm(122.20oz.in)/5° HOLD OUT 10.5kg.cm(145.81oz.in)/5° HOLD OUT 8mA AT STOPPED IDLE CURRENT :8mA AT STOPPED

RUNNING CURRENT

:230mA/60° AT NO LOAD RUNNING 250mA/60° AT NO LOAD RUNNING

STALL CURRENT :1500mA 1800mA 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 :6 SLIDER/INDIRECT DRIVE

AMPLIFIER TYPE : ANALOG AMPLIFIER

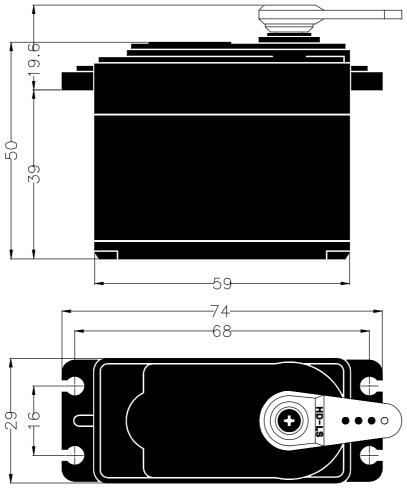
DIMENSIONS $:59\times29\times50$ mm $(2.32\times1.14\times1.96$ in)

WEIGHT :97.5g(3.43oz) BALL BEARING :DUAL/MR106 GEAR MATERIAL :HEAVY DUTY RESIN HORN GEAR SPLINE :24 SEGMENTS/ø5.76

:HEAVY DUTY/HD-IS, HD-O, HD-LS, HD-IL, HD-LL SPLINED HORNS

CONNECTOR WIRE LENGTH : 300mm(11.81in)

CONNECTOR WIRE STRAND COUNTER: 60EA CONNECTOR WIRE GAUGE :22AWG



2.FEATURES DURABLE HEAVY DUTY RESIN GEARS WITH BALL BEARINGS WATER & DUST TIGHT

3.APPLICATIONS FOR LARGE MODELS

HITEC RCD KOREA INC.