GENERAL SPECIFICATION OF MD845WP HIGH VOLTAGE SPEED GIANT SERVO

1.TECHNICAL VALUE

CONTROL SYSTEM

OPERATING VOLTAGE RANGE

OPERATING TEMPERATURE RANGE

TEST VOLTAGE

OPERATING SPEED

STALL TORQUE

STANDING TORQUE

IDLE CURRENT

RUNNING CURRENT

STALL CURRENT

DEAD BAND WIDTH

INPUT SIGNAL

OPERATING TRAVEL

DIRECTION

OPERATING LIFE

MOTOR TYPE

POTENTIOMETER TYPE

AMPLIFIER TYPE

MENCH SIONS

BALL BEARING

GEAR MATERIAL

HORN GEAR SPLINE

SPLINED HORNS

CONNECTOR WIRE LENGTH

Duration of the test in water

:+PULSE WIDTH CONTROL 1500usec NEUTRAL

:12.0V TO 15.0V :-20°C TO +60°C(-4°F TO +140°F)

AŤ 7.4V :AT 6.0V

:0.14sec/60° AT NO LOAD 0.11sec/60° NO LOAD :24.0kg.cm(333.29oz.in) 30.0kg.cm(416.61oz.in)

:90mA AT STOPPED 130mA AT STOPPED

:1100mA AT NO LOAD RUNNING 1300mA AT NO LOAD RUNNING

:5500mA 6500mA

:2usec 2usec

:+5.0V 1500usec±400usec(±600usec WITH TRIM) :40°/ONE SIDE PULSE TRAVELING 400usec

:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec

:50,000cycles Min/10.0kg.cm LOADED

:CORED CARBON BRUSHS,5 POLES

:3 SLIDER, 1M cycle/SEMI INDIRECT DRIVE :DIGITAL AMPLIFIER WITH MOSFET DRIVE

::66.2x32.0x65.0mm(2.60x1.259x2.56in)

:220q(7.76oz)

:TWO MR148

:ONE METAL-KARBONITE, 4 STEEL

:SQUARE 6.5x6.5

:Q-MIA, Q-XA & QIA

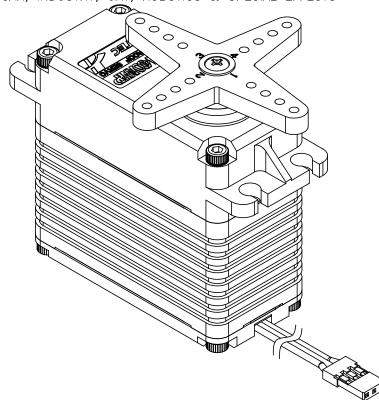
:1000 mm(39.37 in):60min(IP68)

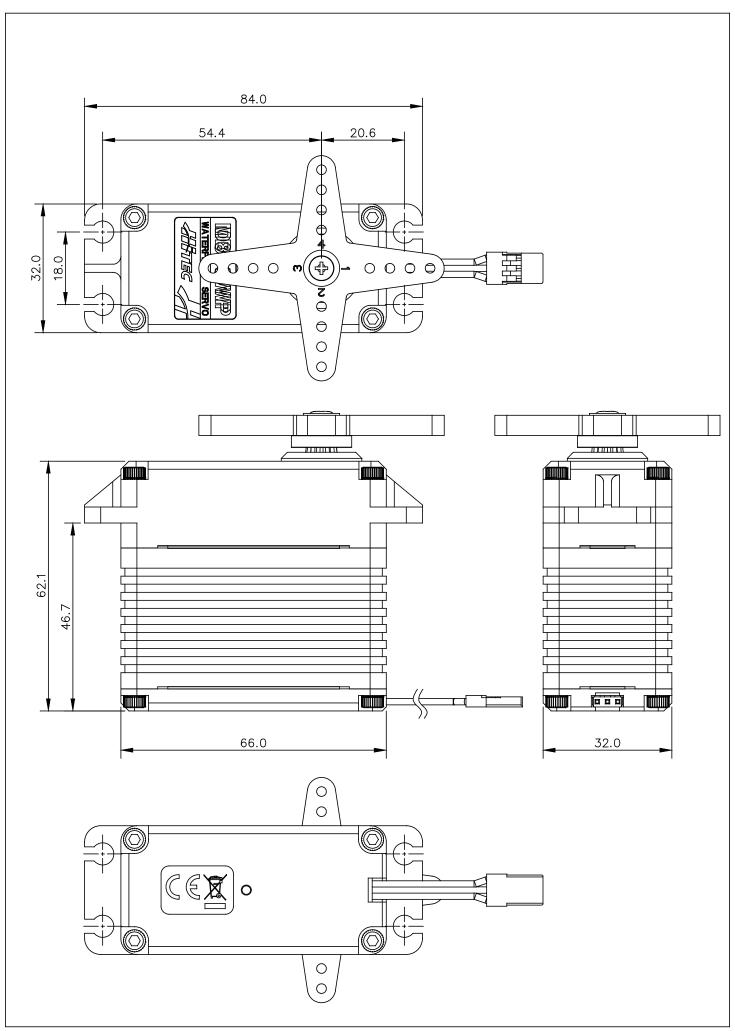
2.FEATURES

HIGH RESPONDENCE DIGITAL AMPLIFIER WITH MOSFET DRIVE 1M CYCLE LONG LIFE POTENTIOMETER WATER & DUST RESISTANCE

3. APPLICATIONS

AIRPLANE ,GASOLIN CAR, INDUSTRY, UAV, ROBOTICS & SPECIAL EFFECTS





HITEC RCD KOREA INC.