GENERAL SPECIFICATION OF D485HW WIDE VOLTAGE SERVO

1. TECHNICAL VALUES
   CONTROL SYSTEM: +PULSE WIDTH CONTROL 1500usec NEUTRAL
   OPERATING VOLTAGE RANGE: 3.5V TO 8.4V
   OPERATING TEMPERATURE RANGE: -20°C TO +60°C (-4°F TO +140°F)
   TEST VOLTAGE: AT 4.8V AT 6.0V AT 7.4V
   OPERATING SPEED: 0.20sec/60° 0.17sec 0.15sec/60°
   STALL TORQUE: 5.2kg.cm 6.4kg.cm 7.5kg.cm
   IDLE CURRENT: 30mA 30mA 30mA
   RUNNING CURRENT: 250mA 280mA 320mA
   STALL CURRENT: 1000mA 1200mA 1500mA
   DEAD BAND WIDTH: 2usec 2usec 2usec
   OPERATING TRAVEL: 40°/ONE SIDE PULSE TRAVELING 400usec
   DIRECTION: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec
   MOTOR TYPE: CORED METAL BRUSH
   POTENTIOMETER TYPE: 1M CYCLE LONG LIFE/INDIRECT DRIVE
  AMPLIFIER TYPE: DIGITAL PROGRAMMABLE AMPLIFIER WITH MOSFET DRIVE
   DIMENSIONS: 39.8x19.8x38.0mm (1.57x0.78x1.49in)
   WEIGHT: 45g±5%
   BALL BEARING: TOP/MR106
   GEAR MATERIAL: KARBONITE RESIN
   HORN GEAR SPLINE: 25 SEGMENTS/Ø6
   CONNECTOR WIRE LENGTH: 300mm (11.81in)
   CONNECTOR WIRE STRAND COUNTER: 40EA
   CONNECTOR WIRE GAUGE: 25AWG

2. FEATURES
   STANDARD SIZED HIGH VOLTAGE SERVO
   PROGRAMMABLE DIGITAL
   HEAVY DUTY METAL GEARS

3. APPLICATIONS
   POPULAR MODELS

HITEC RCD KOREA, INC.