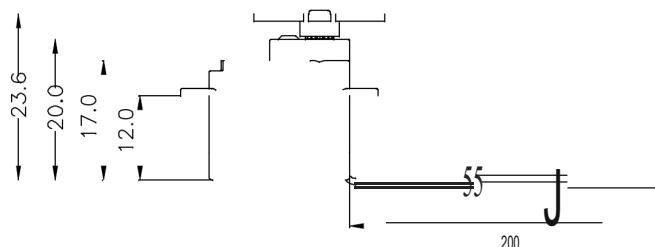
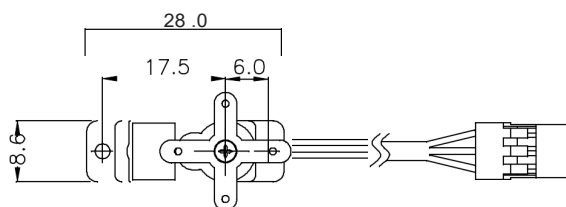


TARGET

GENERAL SPECIFICATION OF HS-40 NANO SERVO

1. TECHNICAL VALUE	
CONTROL SYSTEM	: +PULSE WIDTH CONTROL 1500usec NEUTRAL
OPERATING VOLTAGE RANGE	: 4.8V TO 6.0V
OPERATING TEMPERATURE RANGE	: - 20°C TO +60°C(-4°F TO +140°F)
TEST VOLTAGE	: AT 4.8V AT 6.0V
OPERATING SPEED	: 0.12sec/60' AT NO LOAD 0.9 6sec / 60' AT NO LOAD
STALL TORQUE	: 0.6kg.cm(8.37oz.in) 0. 75kg.cm(10.47oz.in)
STANDING TORQUE	: 0.5kg.cm (6.9 8 oz.in) / 5 ' HOLD OUT 0.6kg.cm (8.37 oz.in) / 5' HOLD OUT
IDLE CURRENT	: Sm A AT STOPPED SmA AT STOPPED
RUNNING CURRENT	: 60mA/60" AT NO LOAD 85mA/60' AT NO LOAD
STALL CURRENT	: 460mA 580mA
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	: 4 SLIDER/DIRECT DRIVE
AMPLIFIER TYPE	: ANALOG CONTROLLER & TRANSISTOR DRIVER
DIMENSIONS	: 20x8.6x17mm(0.87x0.33x0.66in)
WEIGHT	: 4.8g(0.16oz)
BALL BEARING	: NON
GEAR MATERIAL	: RESIN
HORN GEAR SPLINE	: 15 SEGMENTS/φ4.0
SPLINED HORNS	: FEATHER(FS-X , FS-IS , FS-IL , FS-IXL)
CONNECTOR WIRE LENGTH	: 200mm(7.87in)
CONNECTOR WIRE STRAND COUNTER	: 20EA
CONNECTOR WIRE GAUGE	: 28AWG



2. FEATURES

LONG LIFE POTENTIOMETER

3. APPLICATIONS

ECONOMY TYPE NANO SERVO, FOR SMALL AIRPLANES