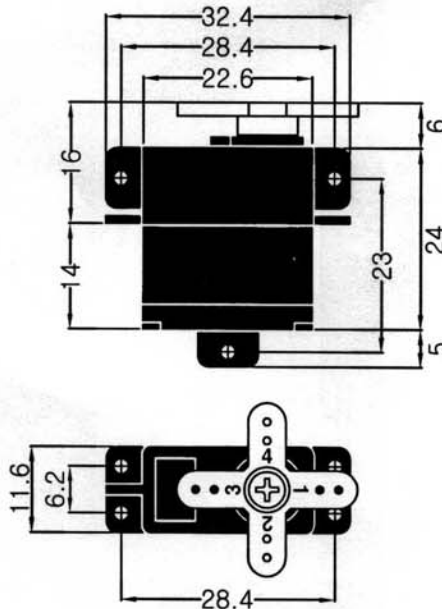


GENERAL SPECIFICATION OF HS-56HB HEAVY DUTY FEATHER SERVO

1. TECHNICAL VALUE	
CONTROL SYSTEM	: +PULSE WIDTH CONTROL 1500 μ sec NEUTRAL
OPERATING VOLTAGE RANGE	: 4.8V TO 6.0V
OPERATING TEMPERATURE RANGE	: -20°C TO +60°C (-46°F TO +86°F)
TEST VOLTAGE	: AT 4.8V
OPERATING SPEED	: 0.12sec/60° AT NO LOAD
STALL TORQUE	: 1kg.cm(13.88oz.in)
STANDING TORQUE	: 0.8kg.cm(11.1oz.in)/5° HOLD OUT
IDLE CURRENT	: 7.4mA AT STOPPED
RUNNING CURRENT	: 200mA/60° AT NO LOAD
STALL CURRENT	: 960mA
DEAD BAND WIDTH	: 5 μ sec
OPERATING TRAVEL	: 30°/ONE SIDE PULSE TRAVELING 400 μ sec
DIRECTION	: CLOCK WISE/PULSE TRAVELING 1500 TO 1900 μ sec
MOTOR TYPE	: CORED METAL BRUSH
POTENTIOMETER TYPE	: 2 SLIDER/DIRECT DRIVE
AMPLIFIER TYPE	: ANALOG HYBRID I.C
DIMENSIONS	: 22.6x11.6x24mm(0.88x0.45x0.94in)
WEIGHT	: 10.7g(0.37oz)
BALL BEARING	: SINGLE/MR85
GEAR MATERIAL	: HEAVY DUTY RESIN
HORN GEAR SPLINE	: 23 SEGMENTS/Ø5
SPLINED HORNS	: MICRO23: M23-I, M23-X
CONNECTOR WIRE LENGTH	: 250mm(9.84in)
CONNECTOR WIRE STRAND COUNTER	: 20 EA
CONNECTOR WIRE GAUGE	: 28AWG



2. FEATURES
HEAVY DUTY RESIN GEARS WITH BALL BEARING
PRECISION

3. APPLICATIONS
FAST PARK FLYING MODELS. ELECTRIC MICRO PLANE, MAV