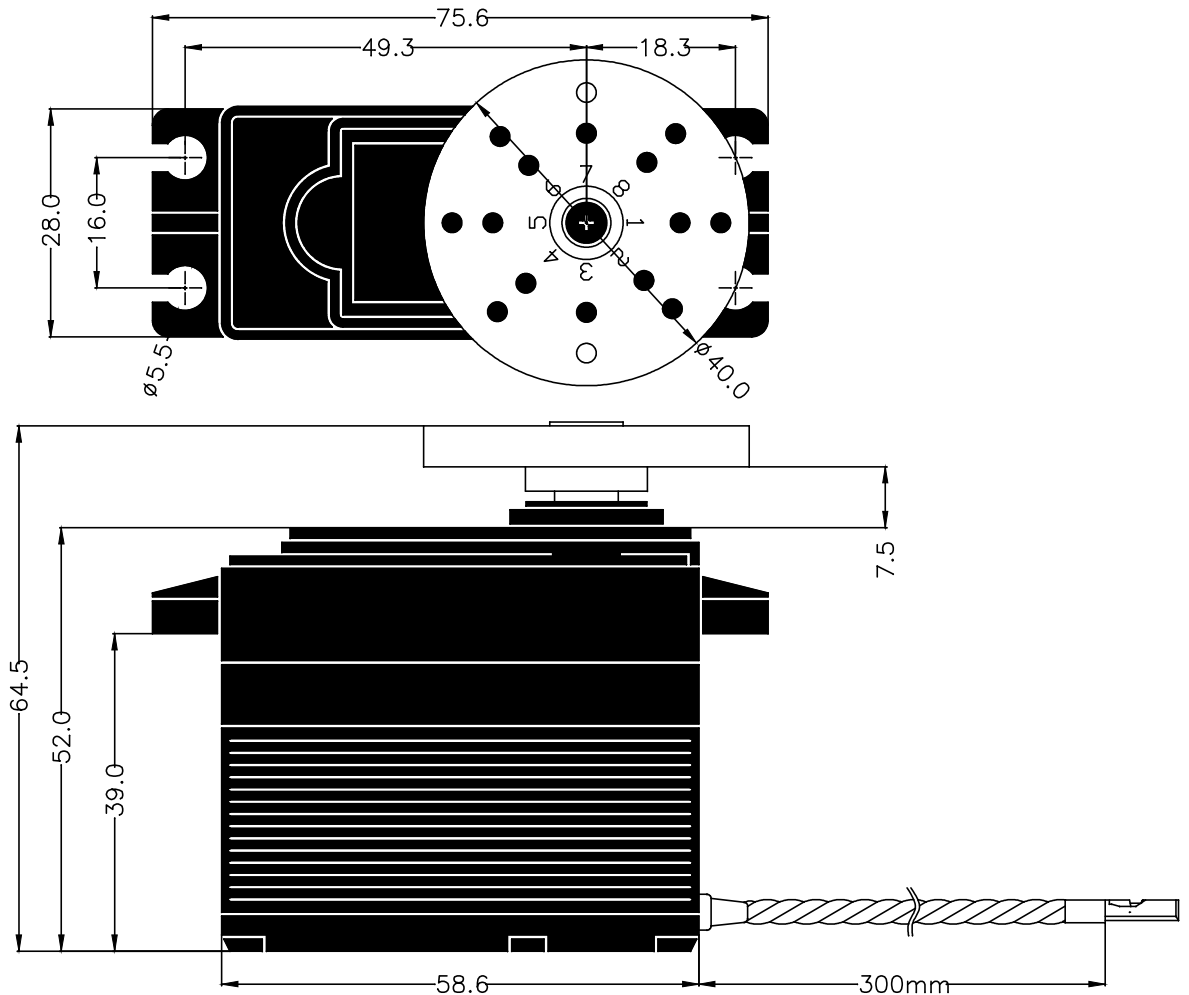


GENERAL SPECIFICATION OF HS-5765MH QUARTER SCALE SERVO

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	:0.16sec/60° AT NO LOAD	0.13sec/60° AT NO LOAD
STALL TORQUE	:20kg.cm(277.74oz.in)	25kg.cm(347.17oz.in)
STANDING TORQUE	:18kg.cm(249.96oz.in)/5° HOLD OUT	22.5kg.cm(312.46oz.in)/5° HOLD OUT
IDLE CURRENT	:3mA AT STOPPED	3mA AT STOPPED
RUNNING CURRENT	:840mA/60° AT NO LOAD RUNNING	110mA/60° AT NO LOAD RUNNING
STALL CURRENT	:4700mA	5800mA
DEAD BAND WIDTH	:5usec	5usec
OPERATING TRAVEL	:40°/ONE SIDE PULSE TRAVELING 400usec	
DIRECTION	:CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
MOTOR TYPE	:CORED CARBON BRUSH	
POTENTIOMETER TYPE	:6 SLIDER/INDIRECT DRIVE	
AMPLIFIER TYPE	:DIGITAL AMPLIFIER WITH MOSFET DRIVE	
DIMENSIONS	:59x29x52mm(2.32x1.14x2.04in)	
WEIGHT	:172.3g(6.07oz)	
BALL BEARING	:TRIPLE/MR148, MR106, MR63ZZ	
GEAR MATERIAL	:1 METAL-RESIN, 3 METAL GEARS	
HORN GEAR SPLINE	:15 SEGMENTS/φ7.82	
SPLINED HORNS	:MEGA SCALE/Q-IA, Q-OA, Q-XA ,Q-MIA	
CONNECTOR WIRE LENGTH	:300mm(11.81in)	
CONNECTOR WIRE STRAND COUNTER	:60EA	
CONNECTOR WIRE GAUGE	:22AWG	



2. FEATURES

PROGRAMMABLE DIGITAL AMPLIFIER
DURABLE HEAVY DUTY METAL GEARS WITH 1 METAL-RESIN GEAR

3. APPLICATIONS

1/5 SCALE CARS, TRUCKS, PLANES

HITEC RCD KOREA INC.