

<Performance data>

Control system	+PULSE WIDTH CONTROL 1500usec NEUTRAL		
Operating voltage range	4.8 V ~ 7.4V		
Operating temperature	-20°C ~ +70°C (-4°F ~ +158°F)		
Test voltage	At 4.8V	At 6.0V	At 7.4V
Operating speed at no load	0.19sec/60°	0.15sec/60°	0.12sec/60°
Stall torque	16.0kg-cm (223.42oz.in)	20.0kg-cm (279.27oz.in)	24.5kg-cm (324.11oz.in)
Idle current at stopped	30mA	30mA	30mA
No load Running current	300mA	400mA	500mA
Stall current	3,200mA	4,200mA	5,200mA
Dead band width	1usec	1usec	1usec
Input signal	+5.0V 1500usec±400usec		
Operating travel	±40° /ONE SIDE PULSE TRAVELING 400usec		
Direction	CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec		
Motor type	Coreless Metal Brush		
Potentiometer type	4 SLIDER, 1M cycle Long Life /SEMI INDIRECT DRIVE		
Amplifier type	DIGITAL AMPLIFIER WITH MOSFET DRIVE		
Case dimensions	40.0 x 20.0 x 37.0mm (±0.2mm) (1.57 x 0.79 x 1.45in)		
Weight	72.4g (2.55oz) (±10%)		
Gear set	1 Metal Plastic & 3 Hardened steel		
Ball Bearing	Dual Ball Bearing /MR106		
Horn gear spline	H25T (25 Segment Ø6.0)		
Gear train backlash	Max 0.5°		
Connector wire length	300mm(11.81in)		
Connector wire stand counter	80EA(20AWG)		
Waterproof	IP67		

<Features>

High response & Programmable digital amplifier with mosfet drive

Durable steel gears with Dual Ball Bearing

Ultra hardness shaft with 3 Axial metal bushing

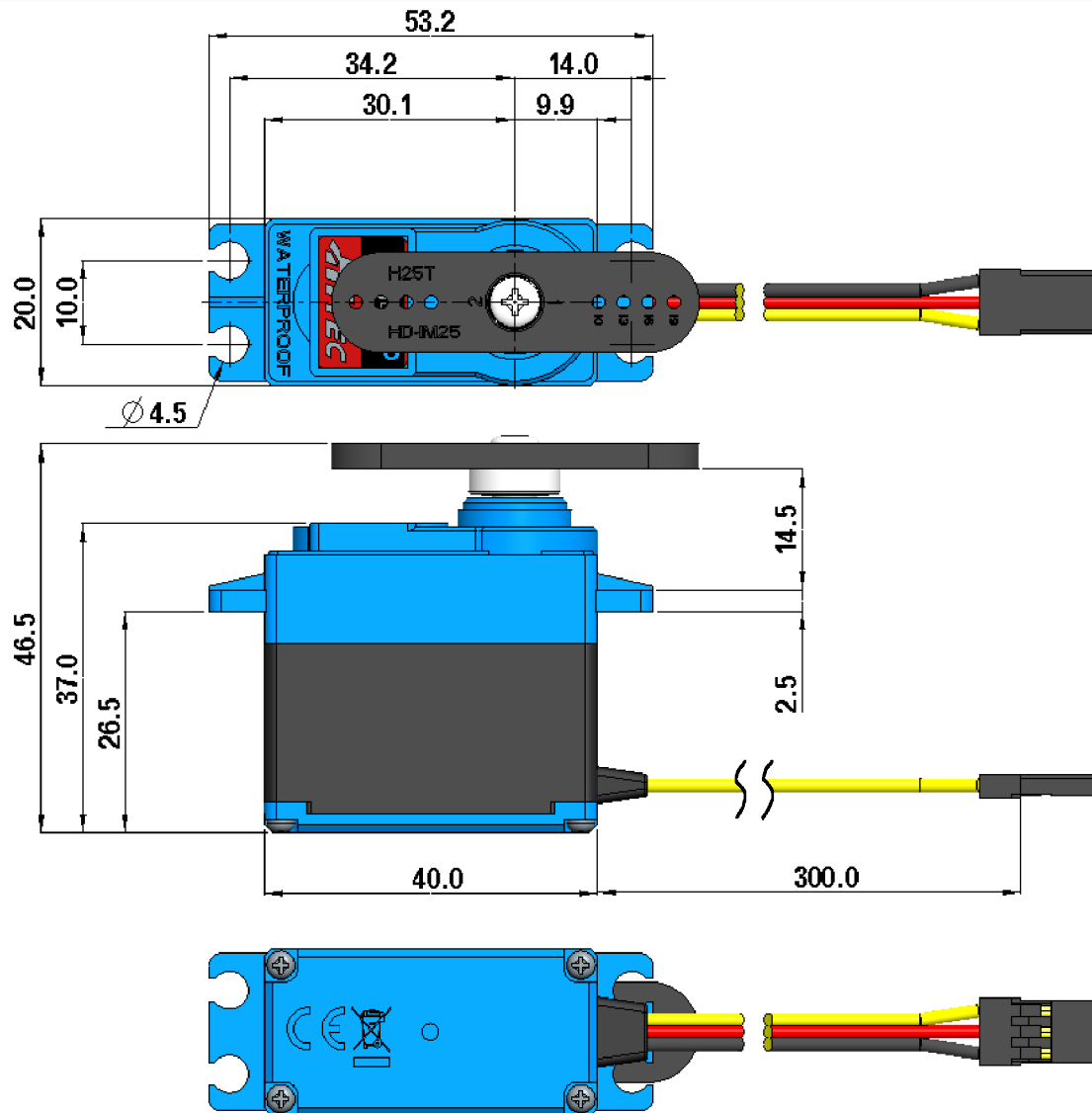
Waterproof & Dust resistance (IP67)

Heat Sink for Motor

<Applications>

For 1/10 EP off road and on road

<Dimensions>



(UNIT : mm)