ELITE BRUSHLESS HV BLS45



BEARING	SIGNAL TYPE
DualBB	Digital

GEAR	WEIGHT
Hardened steel	85 ± 5g

WATERPROOF	CASE	SPLINE
IP67	CNC Aluminium	ø5.9 25T

OPERATING VOLTAGE	OPERATING TEMPERATURE
4.8V ≈ 8.4V	-10°C ≈ 50°C

OVERALL DIMENSIONS	CONNECTOR WIRE GAGE
40.0 x 20.0 x 38.1 mm	# 22 AWG

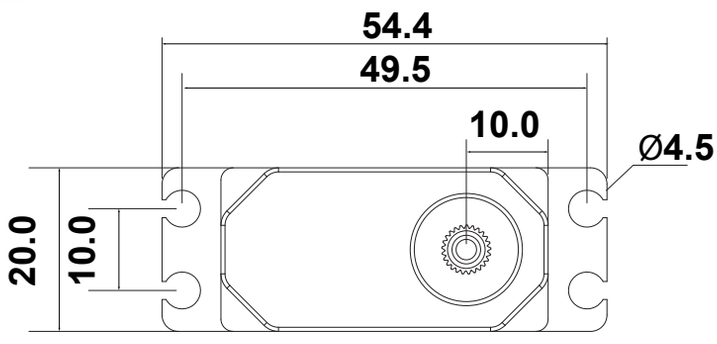
CONNECTOR WIRE LENGTH	MOTOR
310 ± 5mm	Brushless

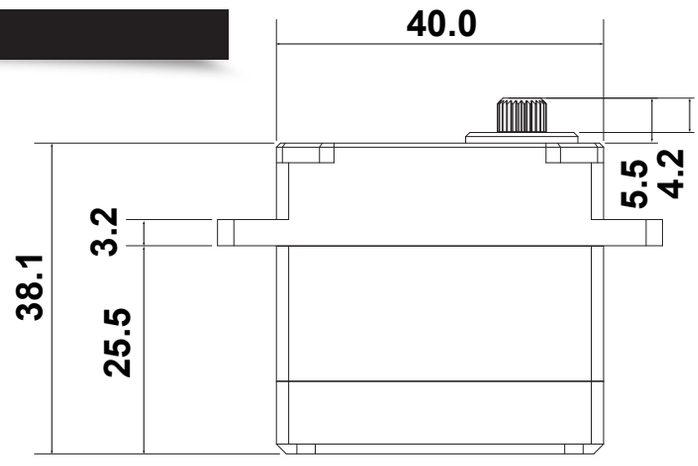
ANGLE SENSOR	MAX OPERATING TRAVEL
Potentiometer	180°

NEUTRAL POSITION	DEAD BAND WIDTH
1500µ sec	2µ sec

ANGLE RANGE	WORKING FREQUENCE
80 - 270° (Pulse Range: 500 - 2500µ sec)	50 - 330 Hz

DIMENSIONS





ITEM	4,8V	6,0V	7,4V	8,4V
Operating speed	0,126 sec/60°	0,10 sec/60°	0,08 sec/60°	0,072 sec/60°
Stall Torque	30kg-cm	35kg-cm	41kg-cm	45kg-cm
Idle current	5 mA	5 mA	5 mA	5 mA
Stall Current	3,1 A	3,6 A	4,8 A	5,7 A