KONECT

ELITE BRUSHLESS HV

BLS82



BEARING	SIGNAL TYPE
DualBB	Digital

GEAR	WEIGHT
Hardened steel	89 ± 5g

WATERPROOF	CASE	SPLINE
IP67	CNC Aluminium	ø5.9 25T

OPERATING VOLTAGE	OPERATING TEMPERATURE
8.4V ≈ 12.6V	-10°C ≈ 50°C

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

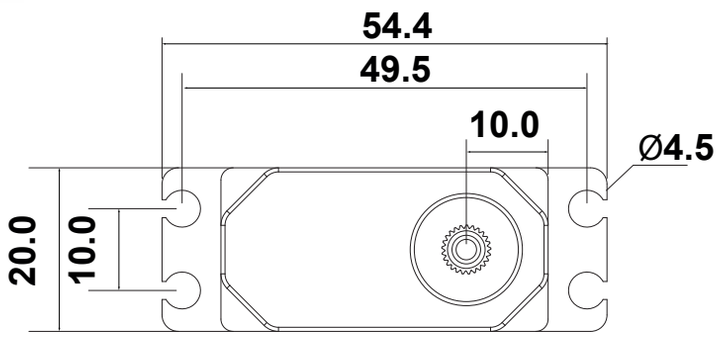
CONNECTOR WIRE LENGTH	MOTOR
310 ± 5mm	Brushless

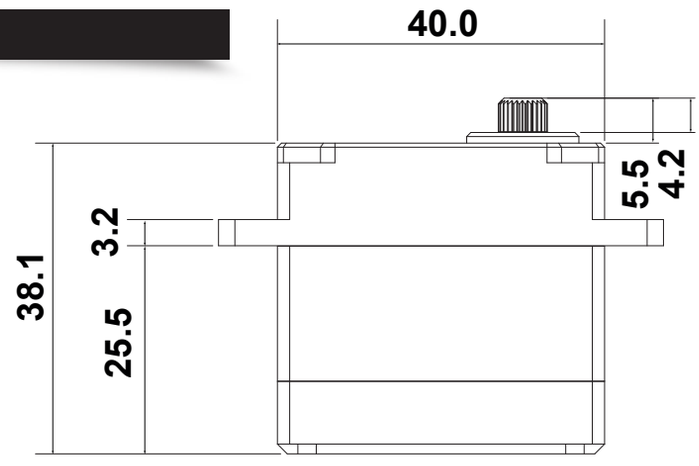
ANGLE SENSOR	MAX OPERATING TRAVEL
Potentiometer	180°

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	8,4V	11,1V	12,6V
Operating speed	0,14 sec/60°	0,12 sec/60°	0,11 sec/60°
Stall Torque	63kg-cm	75kg-cm	82kg-cm
Idle current	5 mA	5 mA	5 mA
Stall Current	5,2 A	6,8 A	8,0 A