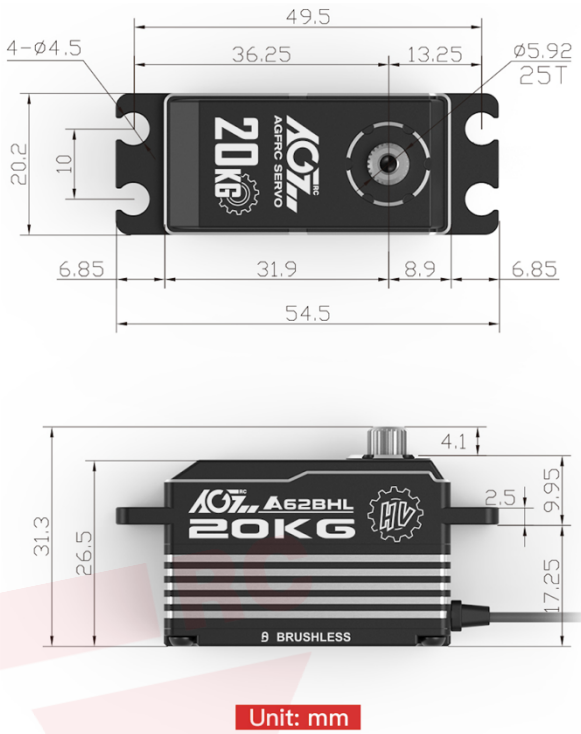
PRODUCT SPECIFICATION

A62BHL

Control System	PWM
Refresh Rate	333 Hz
Neutral Position	1520 µSec
Signal Mode	Digital
Dead band	2 µSec
Operating Voltage	4.8V ~ 8.4V
Operating Temp.	-15°C ~ +70°C
Bearing	2BB
Mechanical Angle	220°
Dimension	40.8 x 20.2 x 26.5 mm
Net Weight	62 g
Connector / Cable	TYU 200mm / 22AWG
Operating Travel	180° ± 10°
Signal Range	500 to 2500 µSec



Unit: mm

Operating Speed	Stall Torque	Unload Current	Loading Current
0.105 sec/60° @ 4.8V	14.0 kg-cm (195 oz-in) @ 4.8V	320mA @ 4.8V	3300mA @ 4.8V
0.090 sec/60° @ 6.0V	17.0 kg-cm (236 oz-in) @ 6.0V	380mA @ 6.0V	3600mA @ 6.0V
0.080 sec/60° @ 7.4V	19.5 kg-cm (271 oz-in) @ 7.4V	430mA @ 7.4V	4100mA @ 7.4V
0.070 sec/60° @ 8.4V	20.0 kg-cm (278 oz-in) @ 8.4V	480mA @ 8.4V	4200mA @ 8.4V

Direction	CCW	**Motor Type**	Brushless
Waterproof Level	/	**Angle Sensor**	Potentiometer
Programmable	Yes	**Motor Drive**	FET Drive
Gear Material	Strength Steel + Titanium	**Horn Gear Spline**	25T-Ø5.92mm
Case Material	Aluminum	**Bearing Material**	Metal
Wire Color (- + S)	Negative: Black	Positive: Black	Signal: Grey

Default Accessories

① 1 pc x 25T-Ø5.92mm L=45mm Plastic Horn
② 1 pc x 25T-Ø5.92mm L=40.3mm Plastic Horn
③ 1 pc x 25T-Ø5.92mm L=27.5mm Plastic Horn
④ 4 pcs x M3*12mm Screws
⑤ 1 pc x M3*8mm Screw
⑥ 2 pcs x M2*8mm Screws
⑦ 4 pcs x 9*6.9*5.6mm (Ø3) Rubber Pads
⑧ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves





Remark: If you have any questions about the A62BHL servo, please contact shopping@agfrc.com directly.