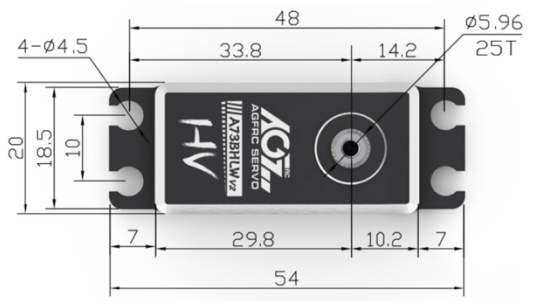
PRODUCT SPECIFICATION

A73BHLW V2

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	No Limit		
Dimension	40 x 20 x 37.5 mm		
Net Weight	73.5 g		
Connector / Cable	JR 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
		Unit: mm	
Stall Torque	25 kg-cm (347 oz-in) @ 4.8V 29 kg-cm (403 oz-in) @ 6.0V 35 kg-cm (486 oz-in) @ 7.4V 40 kg-cm (556 oz-in) @ 8.4V	**Unload Current**	280mA @ 4.8V 350mA @ 6.0V 400mA @ 7.4V 450mA @ 8.4V
Operating Speed	0.145 sec/60° @ 4.8V 0.123 sec/60° @ 6.0V 0.110 sec/60° @ 7.4V 0.100 sec/60° @ 8.4V	**Loading Current**	3800mA @ 4.8V 4100mA @ 6.0V 4400mA @ 7.4V 4800mA @ 8.4V
Direction	CCW	**Motor Type**	Brushless
Waterproof Level	IP67	**Angle Sensor**	Magnetic Angle
Programmable	Yes	**Motor Drive**	FET Drive
Gear Material	Strength Steel	**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 4 pcs x 9*6.9*5.6mm Rubber Pads ⑦ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves		

Remark: If you have any questions about the A73BHLW V2 servo, please contact shopping@agfrc.com directly.