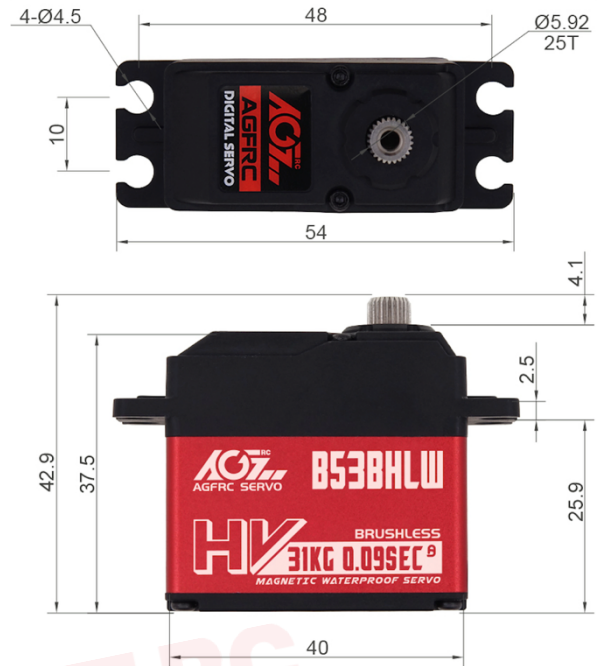


B53BHLW

Control System	PWM		
Refresh Rate	333 Hz		
Neutral Position	1520 μ Sec		
Signal Mode	Digital		
Dead band	4 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temp.	-15°C ~ +70°C		
Bearing	2BB		
Mechanical Angle	220°		
Dimension	40 x 20 x 37.5 mm		
Net Weight	69.5 g		
Connector / Cable	JR 300mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.150 sec/60° @ 4.8V	21 kg-cm (292 oz-in) @ 4.8V	360mA @ 4.8V	3800mA @ 4.8V
0.125 sec/60° @ 6.0V	23 kg-cm (320 oz-in) @ 6.0V	400mA @ 6.0V	4300mA @ 6.0V
0.105 sec/60° @ 7.4V	28 kg-cm (389 oz-in) @ 7.4V	450mA @ 7.4V	4800mA @ 7.4V
0.090 sec/60° @ 8.4V	31 kg-cm (430 oz-in) @ 8.4V	500mA @ 8.4V	5000mA @ 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- $\varnothing$ 5.92mm
Case Material	Aluminum + Plastic	Bearing Material	Metal
Wire Color (- + S)	Negative: Black	Positive: Red	Signal: White
Default Accessories	① 1 pc x 25T- $\varnothing$ 5.92mm L=45mm Plastic Horn ② 1 pc x 25T- $\varnothing$ 5.92mm L=40.3mm Plastic Horn ③ 1 pc x 25T- $\varnothing$ 5.92mm L=27.5mm Plastic Horn ④ 4 pcs x M2*12 Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x $\varnothing$ 9* $\varnothing$ 6.9*5.6 mm Rubber Pads ⑦ 4 pcs x $\varnothing$ 6* $\varnothing$ 3.5*5mm Copper Sleeves		



UNIT:MM

Remark: If you have any questions about the B53BHLW servo, please contact shopping@agfrc.com directly.