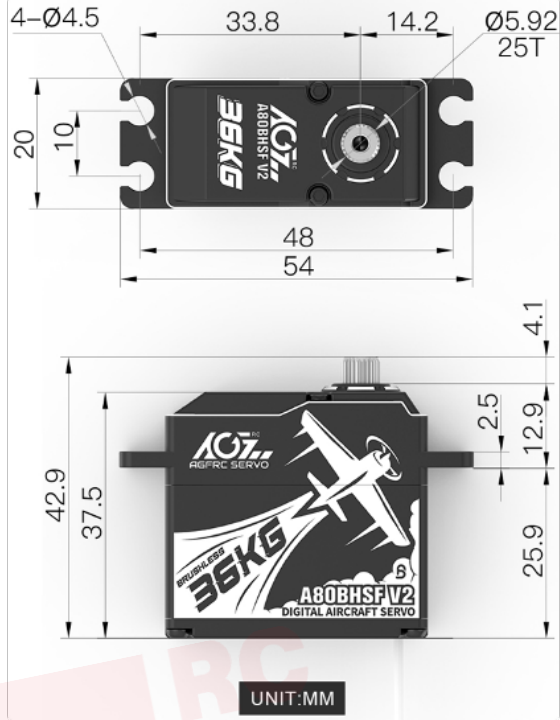


A80BHSF V2

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	3BB		
Mechanical Angle	220°		
Dimension	40 x 20 x 37.5 mm		
Net Weight	79 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.120 sec/60° @ 4.8V	23 kg-cm (319 oz-in) @ 4.8V	280mA @ 4.8V	4000mA @ 4.8V
0.110 sec/60° @ 6.0V	28 kg-cm (389 oz-in) @ 6.0V	310mA @ 6.0V	4200mA @ 6.0V
0.083 sec/60° @ 7.4V	33 kg-cm (458 oz-in) @ 7.4V	360mA @ 7.4V	4600mA @ 7.4V
0.071 sec/60° @ 8.4V	36 kg-cm (500 oz-in) @ 8.4V	400mA @ 8.4V	5000mA @ 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: Red	Signal: White
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 (Ø3) Rubber Pads ⑦ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves 		

Remark: If you have any questions about the A80BHSF V2 servo, please contact shopping@agfrc.com directly.