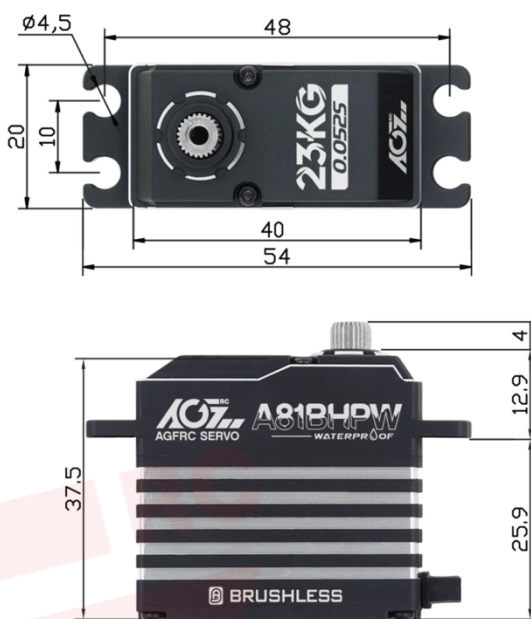


A81BHPW

Control System	PWM	 UNIT: MM	
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	81 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	12 kg-cm (167 oz-in) @ 4.8V 16 kg-cm (222 oz-in) @ 6.0V 19 kg-cm (264 oz-in) @ 7.4V 23 kg-cm (320 oz-in) @ 8.4V	Unload Current	280mA @ 4.8V 320mA @ 6.0V 360mA @ 7.4V 400mA @ 8.4V
Operating Speed	0.080 sec/60° @ 4.8V 0.070 sec/60° @ 6.0V 0.060 sec/60° @ 7.4V 0.052 sec/60° @ 8.4V	Loading Current	3600mA @ 4.8V 4000mA @ 6.0V 4300mA @ 7.4V 4600mA @ 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 2 pcs x M2*8mm Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x M3*12mm Screws ⑦ 4 pcs x 9*6.9*5.6mm Rubber Pads ⑧ 4 pcs x Ø6*Ø3.5*5mm Copper Sleeves		

Remark: If you have any questions about the A81BHPW servo, please contact shopping@agfrc.com directly.