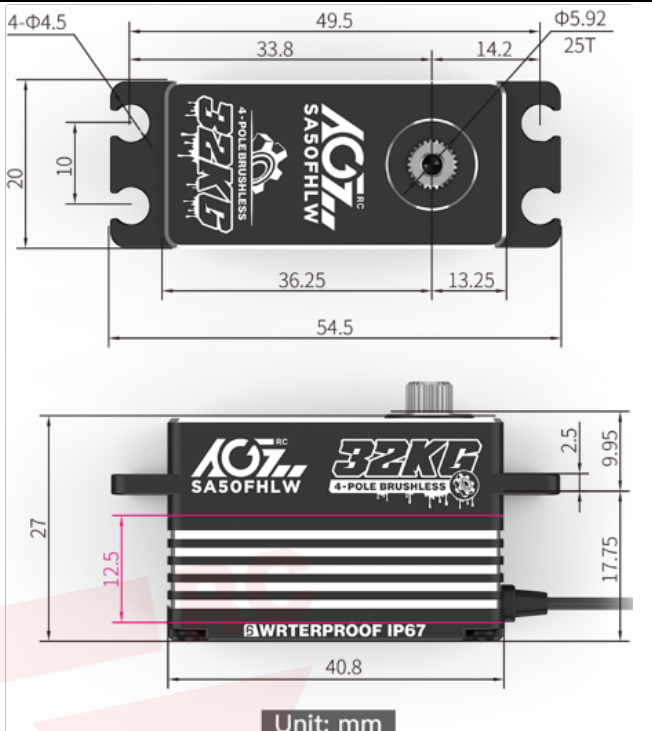


SA50FHLW

Control System	PWM		
Refresh Rate	333 Hz		
Neutral Position	1520 μ Sec		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temp.	-15°C ~ +70°C		
Bearing	2BB		
Mechanical Angle	220°		
Dimension	40.8 x 20.2 x 27.0 mm		
Net Weight	54 g		
Connector / Cable	TYU 200mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.120 sec/60° @ 4.8V	20 kg-cm (278 oz-in) @ 4.8V	350mA @ 4.8V	5000mA @ 4.8V
0.105 sec/60° @ 6.0V	24 kg-cm (333 oz-in) @ 6.0V	400mA @ 6.0V	5600mA @ 6.0V
0.090 sec/60° @ 7.4V	28 kg-cm (389 oz-in) @ 7.4V	480mA @ 7.4V	5800mA @ 7.4V
0.080 sec/60° @ 8.4V	32 kg-cm (445 oz-in) @ 8.4V	550mA @ 8.4V	6000mA @ 8.4V
Direction	CCW	Motor Type	4-Pole 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	Bearing Material	Metal
Wire Color (- + S)	Negative: Black Positive: Black Signal: Grey		
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 M3*12 Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x 9*6.9*5.6 mm Rubber Pads ⑦ 4 pcs x $\varnothing$6*$\varnothing$3.5*5mm Copper Sleeves 		

Remark: If you have any questions about the SA50FHLW servo, please contact shopping@agfrc.com directly.