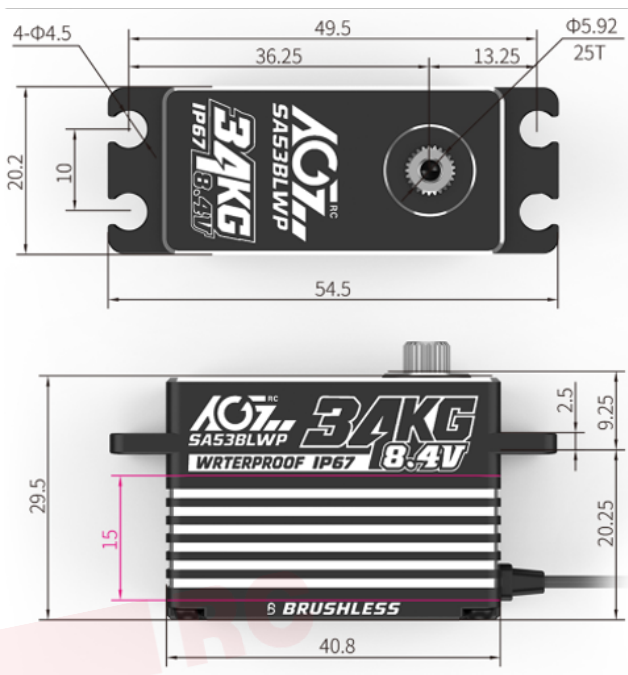


SA53BLWP

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	2BB		
Mechanical Angle	No Limit		
Dimension	40.8 x 20.2 x 29.5 mm		
Net Weight	55 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.140 sec/60° @ 4.8V	20.0 kg-cm (278 oz-in) @ 4.8V	320mA @ 4.8V	4000mA @ 4.8V
0.120 sec/60° @ 6.0V	24.5 kg-cm (340 oz-in) @ 6.0V	380mA @ 6.0V	4800mA @ 6.0V
0.100 sec/60° @ 7.4V	29.0 kg-cm (403 oz-in) @ 7.4V	430mA @ 7.4V	5500mA @ 7.4V
0.090 sec/60° @ 8.4V	34.0 kg-cm (472 oz-in) @ 8.4V	480mA @ 8.4V	6500mA @ 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*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 Ø6*Ø3.5*5mm Copper Sleeves 		

Remark: If you have any questions about the SA53BLWP servo, please contact shopping@agfrc.com directly.