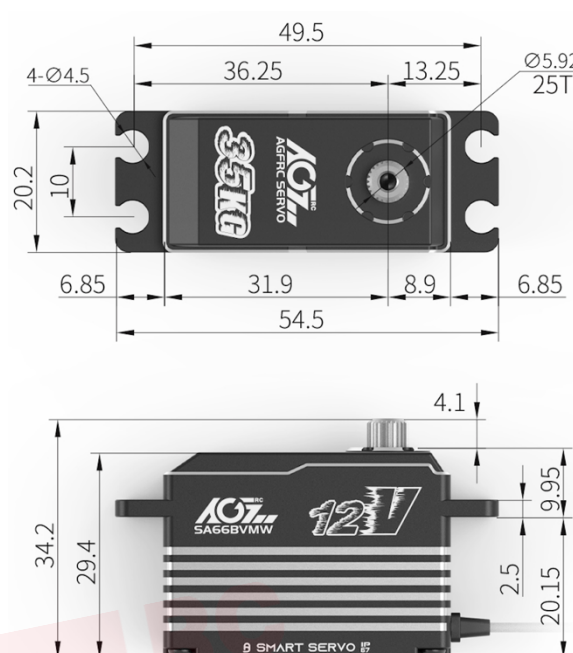


SA66BVMW

Control System	PWM			
Refresh Rate	333 Hz			
Neutral Position	1520 μSec			
Signal Mode	Digital			
Dead band	2 μSec			
Operating Voltage	7.4V ~ 14.4V			
Operating Temp.	-15°C ~ +70°C			
Bearing	2BB			
Mechanical Angle	No Limit			
Dimension	40.8 x 20.2 x 29.5 mm			
Net Weight	66 g			
Connector / Cable	TYU+JST 300mm / 22AWG			
Operating Travel	180° ± 10°			
Signal Range	500 to 2500 μSec			
Operating Speed	Stall Torque	Unload Current	Loading Current	
0.095 sec/60° @ 11.1V	28.0 kg-cm (389 oz-in) @ 11.1V	400 mA @ 11.1V	2700 mA @ 11.1V	
0.086 sec/60° @ 12.0V	30.0 kg-cm (417 oz-in) @ 12.0V	440 mA @ 12.0V	3000 mA @ 12.0V	
0.082 sec/60° @ 12.6V	31.0 kg-cm (430 oz-in) @ 12.6V	450 mA @ 12.6V	3200 mA @ 12.6V	
0.073 sec/60° @ 14.4V	35.0 kg-cm (486 oz-in) @ 14.4V	500 mA @ 14.4V	3600 mA @ 14.4V	
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: Red	Signal Negative: Black	Signal: White
Default Accessories	① 1 pc x 25T-Ø5.92mm L=34.9mm Metal Horn			
	② 1 pc x 25T-Ø5.92mm L=45mm Plastic Horn			
	③ 1 pc x 25T-Ø5.92mm L=40.3mm Plastic Horn			
	④ 1 pc x 25T-Ø5.92mm L=27.5mm Plastic Horn			
	⑤ 4 pcs x M3*12mm Screws			
	⑥ 1 pc x M3*8mm Screw			
	⑦ 2 pcs x M2*8mm Screws			
	⑧ 2 pcs x Ø9*Ø6.9*5.6 Ø3 Rubber Pads			
	⑨ 2 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves			
	⑩ 1 pc x Silicon JST (Male) to XH2.5 4-Pin (Female) Adapter Cable, 20AWG, 10cm			



Unit: mm



Remark: If you have any questions about the SA66BVMW servo, please contact shopping@agfrc.com directly.