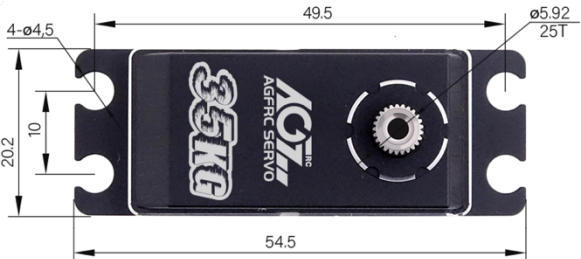


SA66BVMW(3S)

Control System	Pulse width modulation control	 	
Refresh Rate	333Hz		
Neutral Position	1520μS		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	7.4V ~ 14.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	No Limit		
Size	40.8*20.2*29.5mm		
Net Weight	66g		
Wire	TYU+JST 300mm / 22AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 μSec		
Stall Torque	28.0 kg-cm (389 oz-in) @ 11.1V 30.0 kg-cm (417 oz-in) @ 12.0V 31.0 kg-cm (430 oz-in) @ 12.6V 35.0 kg-cm (486 oz-in) @ 14.4V	Unload Current	UNIT:MM 440 mA @ 12.0V 450 mA @ 12.6V 500 mA @ 14.4V
Operating Speed	0.095 sec/ 60° @ 11.1V 0.086 sec/60° @ 12.0V 0.082 sec/60° @ 12.6V 0.073 sec/60° @ 14.4V	Loading Current	2700 mA @ 11.1V 3000 mA @ 12.0V 3200 mA @ 12.6V 3600 mA @ 14.4V
Direction	☒ CCW ☐ CW		
Waterproof Level	☐ IP65 ☒ IP67		
Servo Mode	☒ Regular Mode ☒ Winch Mode ☐ Multiple-Rotation Mode		
Angle Sensor	☐ Potentiometer ☒ Magnet Angle Sensor		
Motor Type	☒ Brushless ☐ Coreless ☐ DC		
Motor Drive	☒ FET Drive ☐ IC Drive ☐ Transistor Drive		
Programmable	☒ Yes ☐ No		
Gear Material	☒ Strength Steel ☐ Titanium ☐ Copper ☐ Plastic		
Horn Gear Spline	☒ 25T-ø5.92mm ☐ 25T-ø4.94mm ☐ Other _____		
Case Material	☒ AL6061T6 ☐ Aluminum + Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☒ AL6061T6 ☐ Plastic		
Wire Color	Battery Negative: ☒ Black ☐ Brown Battery Positive: ☐ Black ☒ Red Signal Negative: ☒ Black ☐ White ☐ Orange Signal : ☐ Black ☒ White ☐ Orange		