PRODUCT SPECIFICATION
A75BUMW

AGF-RC ELECTRONIC TECHNOLOGY CO.,LTD

Control System	Pulse width modulation control
Refresh Rate	333Hz
Neutral Position	1520uS
Signal Mode	Digital
Dead band	2 uSec
Operating Voltage	7.4V ~ 17V
Operating Temperature	-15C°~ +70C°
Bearing	Double Ball Bearings
Mechanical Angle	No Limit
Size	40*20*41.5mm
Net Weight	88.5g
Wire	TYU + JST 300mm / 22AWG
Operating Travel	180°±10°
Signal Range	500 to 2500 uSec
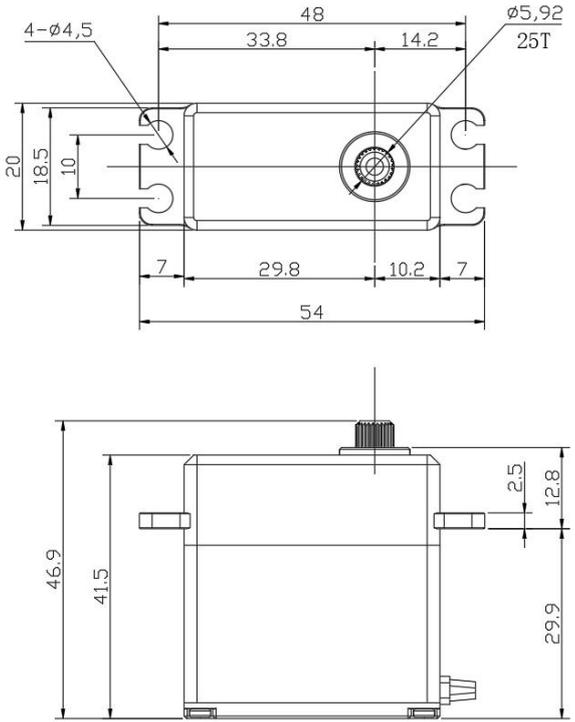
Stall Torque	48.0 kg-cm (667 oz-in) @ 12.0V 54.0 kg-cm (750 oz-in) @ 14.4V 60.0 kg-cm (834 oz-in) @ 16.0V 62.0 kg-cm (861 oz-in) @ 16.8V	**Unload Current**	480 mA @ 12.0V 530 mA @ 14.4V 600 mA @ 16.0V 630 mA @ 16.8V
Operating Speed	0.125 sec/60° @ 12.0V 0.105 sec/60° @ 14.4V 0.098 sec/60° @ 16.0V 0.092 sec/60° @ 16.8V	**Loading Current**	4900 mA @ 12.0V 5500 mA @ 14.4V 5800 mA @ 16.0V 6000 mA @ 16.8V

Direction	☑ CCW	☐ CW	
Waterproof Level	☐IP65	☑ IP67	
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-φ5.92mm	☐25T-φ4.94mm	☐Other_____
Case Material	☐AL6061T6	☑AL+Plastic	☐Plastic
Bearing Material	☑Metal	☐Plastic	

Wire Color	Battery Negative:	☑ Black	☐Brown	
	Battery Positive:	☐ Black	☑ Red	
	Signal:	☐Grey	☑ White	☐Orange
	Signal Negative:	☑Black	☐ White	☐Orange