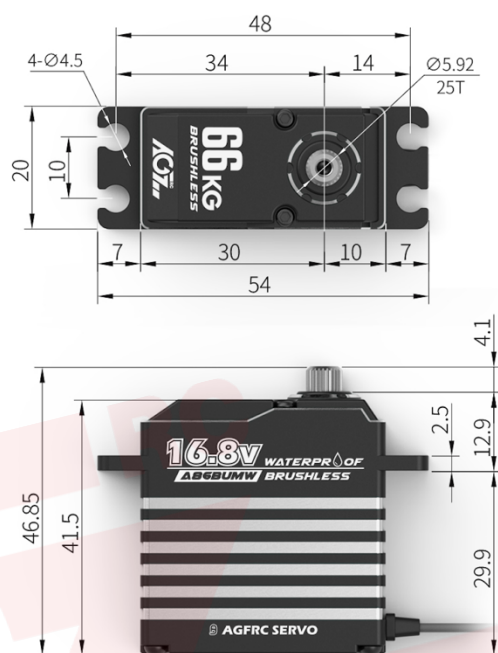


A86BUMW

Control System	PWM	 Unit: mm	
Refresh Rate	333 Hz		
Neutral Position	1520 μSec		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	7.4V ~ 17.0V		
Operating Temp.	-15°C ~ +70°C		
Bearing	3BB		
Mechanical Angle	No Limit		
Dimension	40 x 20 x 41.5 mm		
Net Weight	90.5g		
Connector / Cable	TYU+JST 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	46.0 kg-cm (639 oz-in) @ 12.0V 55.0 kg-cm (764 oz-in) @ 14.4V 62.0 kg-cm (861 oz-in) @ 16.0V 66.0 kg-cm (917 oz-in) @ 16.8V	Unload Current	450 mA @ 12.0V 530 mA @ 14.4V 600 mA @ 16.0V 630 mA @ 16.8V
Operating Speed	0.130 sec/60° @ 12.0V 0.115 sec/60° @ 14.4V 0.108 sec/60° @ 16.0V 0.100 sec/60° @ 16.8V	Loading Current	4600 mA @ 12.0V 4900 mA @ 14.4V 5200 mA @ 16.0V 5500 mA @ 16.8V
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: White Signal Negative: Black		
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 4 pcs x 9*6.9*5.6mm Rubber Pads & 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves		

Remark: If you have any questions about the A86BUMW servo, please contact shopping@agfrc.com directly.