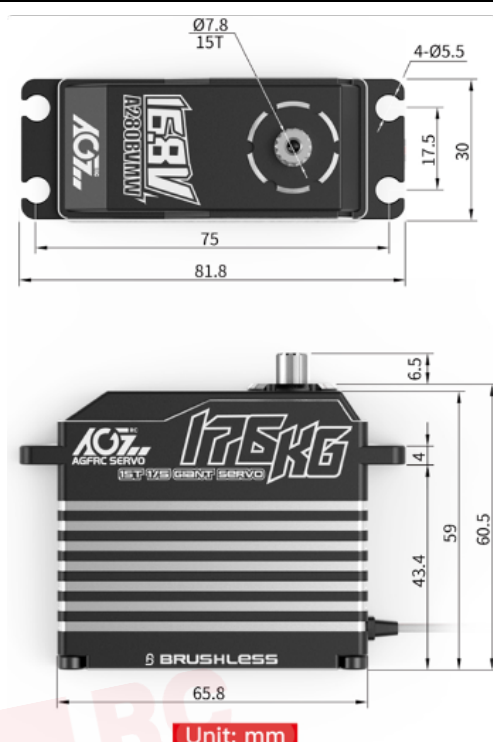


A280BVMW

Control System	PWM		
Refresh Rate	333 Hz		
Neutral Position	1520 μ Sec		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	7.4V ~ 16.8V		
Operating Temp.	-15°C ~ +70°C		
Bearing	5BB		
Mechanical Angle	No Limit		
Dimension	65.8 x 30.0 x 59.0 mm		
Net Weight	283 g		
Connector / Cable	TYU+JST 300mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.140 sec/60° @ 10.0V	108.0 kg-cm (1501 oz-in) @ 10.0V	950 mA @ 10.0V	7700 mA @ 10.0V
0.130 sec/60° @ 11.1V	115.0 kg-cm (1598 oz-in) @ 11.1V	1000 mA @ 11.1V	8300 mA @ 11.1V
0.120 sec/60° @ 12.0V	127.0 kg-cm (1765 oz-in) @ 12.0V	1060 mA @ 12.0V	9200 mA @ 12.0V
0.110 sec/60° @ 14.4V	152.0 kg-cm (2113 oz-in) @ 14.4V	1200 mA @ 14.4V	10600 mA @ 14.4V
0.095 sec/60° @ 16.0V	172.0 kg-cm (2390 oz-in) @ 16.0V	1300 mA @ 16.0V	11000 mA @ 16.0V
0.092 sec/60° @ 16.8V	176.0 kg-cm (2446 oz-in) @ 16.8V	1400 mA @ 16.8V	11800 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	15T- $\varnothing$ 7.8mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative:  Positive:  Signal Negative:  Signal: 		
Default Accessories	① 1 pc x 15T- $\varnothing$ 7.8mm L=79mm Metal Horn ② 1 pc x 15T-7.8mm L=44.5mm Metal Horn ③ 4 pcs x M3*15mm Screws ④ 2 pcs x M2.5*12mm Screws ⑤ 1 pc x M3*8mm Screw ⑥ 1 pc x M2.5*6mm Screw ⑦ 1 pc x M2.5*8mm Screw ⑧ 4 pcs x $\varnothing$ 3* $\varnothing$ 5.5*8mm Rubber Pads & 4 pcs x $\varnothing$ 6.5* $\varnothing$ 3.5* $\varnothing$ 3.1*7mm Copper Sleeves 		

Remark: If you have any questions about the A280BVMW servo, please contact shopping@agrc.com directly.