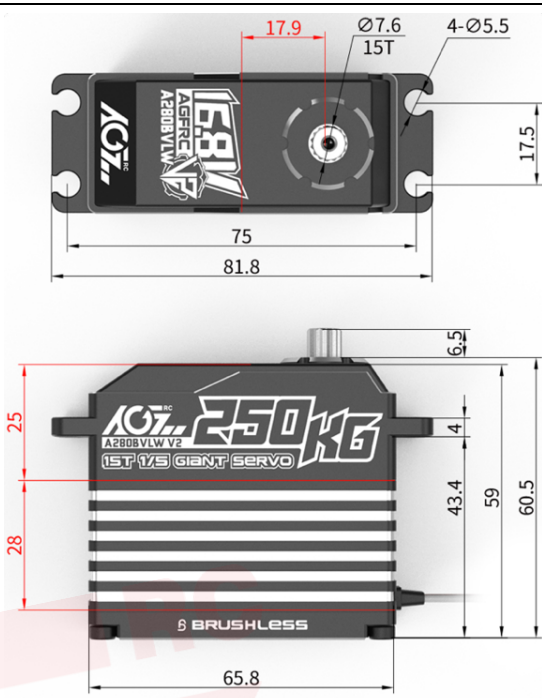


A280BVLW V2

Control System	PWM	 Unit: mm	
Refresh Rate	333 Hz		
Neutral Position	1520 μSec		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	7.4V ~ 16.8V		
Operating Temp.	-30°C ~ +70°C		
Bearing	8BB		
Mechanical Angle	No Limit		
Dimension	65.8 x 30.0 x 59.0 mm		
Net Weight	300 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
0.210 sec/60° @ 10.0V	152.0 kg-cm (2113 oz-in) @ 10.0V	500 mA @ 10.0V	7000 mA @ 10.0V
0.190 sec/60° @ 11.1V	175.0 kg-cm (2432 oz-in) @ 11.1V	550 mA @ 11.1V	7500 mA @ 11.1V
0.170 sec/60° @ 12.0V	185.0 kg-cm (2571 oz-in) @ 12.0V	600 mA @ 12.0V	8000 mA @ 12.0V
0.140 sec/60° @ 14.4V	210.0 kg-cm (2919 oz-in) @ 14.4V	700 mA @ 14.4V	9000 mA @ 14.4V
0.130 sec/60° @ 16.0V	240.0 kg-cm (3336 oz-in) @ 16.0V	750 mA @ 16.0V	9600 mA @ 16.0V
0.126 sec/60° @ 16.8V	250.0 kg-cm (3475 oz-in) @ 16.8V	800 mA @ 16.8V	10000 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-Ø7.8mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative: ● Positive: ● Signal Negative: ● Signal: ●		
Default Accessories	① 1 pc x 15T-Ø7.8mm 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 Ø3*Ø5.5*8mm Rubber Pads & 4 pcs x Ø6.5*Ø3.5*Ø3.1*7mm Copper Sleeves 		

Remark: If you have any questions about the A280BVLW V2 servo, please contact shopping@agfrc.com directly.