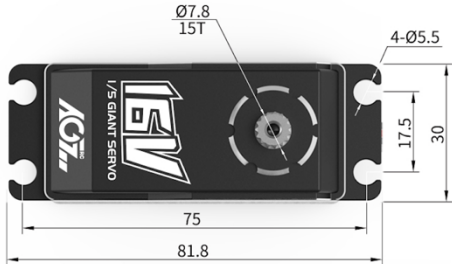


A280BVSW

Control System	PWM	  Unit: mm	
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	284.8 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	83.0 kg-cm (1153 oz-in) @ 11.1V 92.0 kg-cm (1278 oz-in) @ 12.0V 110.0 kg-cm (1528 oz-in) @ 14.4V 128.0 kg-cm (1779 oz-in) @ 16.8V	Unload Current	1000 mA @ 11.1V 1060 mA @ 12.0V 1200 mA @ 14.4V 1400 mA @ 16.8V
Operating Speed	0.110 sec/60° @ 11.1V 0.100 sec/60° @ 12.0V 0.090 sec/60° @ 14.4V 0.077 sec/60° @ 16.8V	Loading Current	8300 mA @ 11.1V 9200 mA @ 12.0V 10600 mA @ 14.4V 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: Black Positive: Black Signal: Grey Signal Negative: Black		
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 A280BVSW servo, please contact shopping@agfrc.com directly.