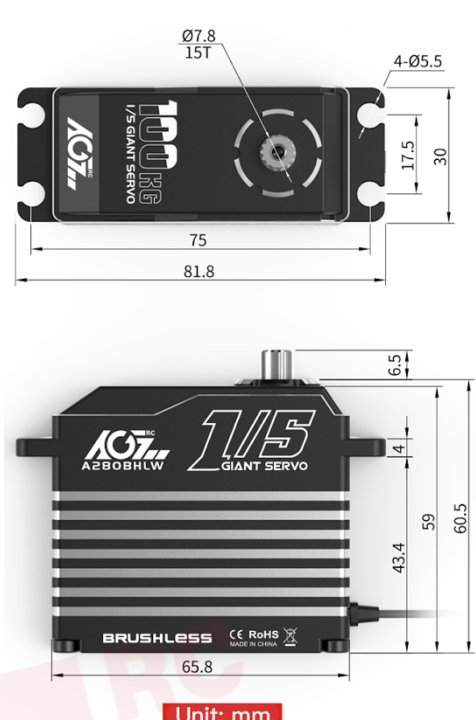


A280BHLW

Control System	PWM	 Unit: mm	
Refresh Rate	333 Hz		
Neutral Position	1520 μ Sec		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
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	53.0 kg-cm (736 oz-in) @ 4.8V 76.0 kg-cm (1056 oz-in) @ 6.0V 90.0 kg-cm (1251 oz-in) @ 7.4V 100.0 kg-cm (1390 oz-in) @ 8.4V	Unload Current	700 mA @ 4.8V 800 mA @ 6.0V 900 mA @ 7.4V 1000 mA @ 8.4V
Operating Speed	0.180 sec/60° @ 4.8V 0.150 sec/60° @ 6.0V 0.125 sec/60° @ 7.4V 0.110 sec/60° @ 8.4V	Loading Current	8800 mA @ 4.8V 10000 mA @ 6.0V 12200 mA @ 7.4V 13100 mA @ 8.4V
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		
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 A280BHLW servo, please contact shopping@agfrc.com directly.