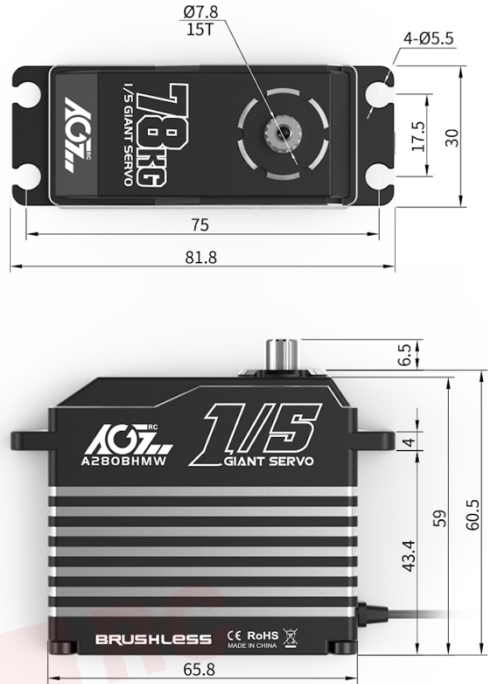


A280BHMW

Control System	PWM	 Unit: mm	
Refresh Rate	333 Hz		
Neutral Position	1520 μSec		
Signal Mode	Digital		
Dead band	2 μSec		
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° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	48.0 kg-cm (667 oz-in) @ 4.8V 58.0 kg-cm (806 oz-in) @ 6.0V 66.0 kg-cm (917 oz-in) @ 7.4V 78.0 kg-cm (1084 oz-in) @ 8.4V	Unload Current	550 mA @ 4.8V 600 mA @ 6.0V 700 mA @ 7.4V 820 mA @ 8.4V
Operating Speed	0.126 sec/60° @ 4.8V 0.110 sec/60° @ 6.0V 0.095 sec/60° @ 7.4V 0.082 sec/60° @ 8.4V	Loading Current	8800 mA @ 4.8V 9800 mA @ 6.0V 10500 mA @ 7.4V 11000 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-Ø7.8mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative: Black Positive: Black Signal: Grey		
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 A280BHMW servo, please contact shopping@agfrc.com directly.