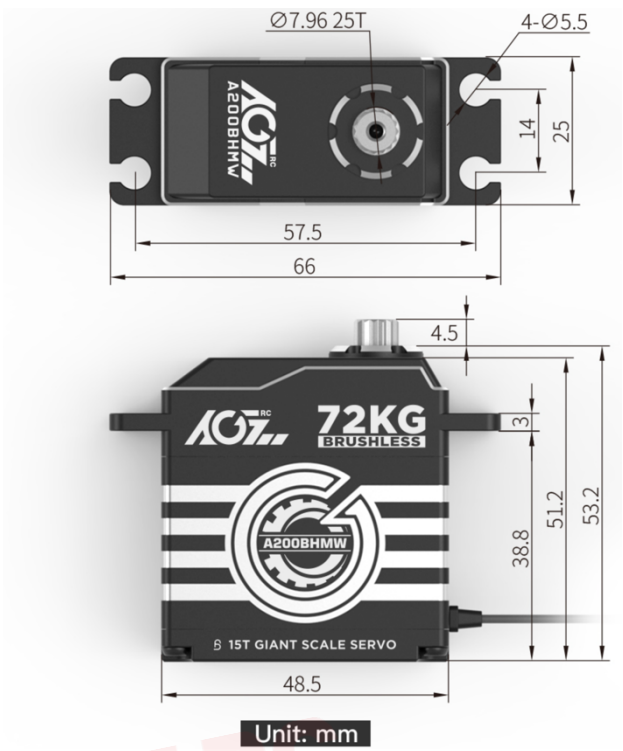
PRODUCT SPECIFICATION

A200BHMW

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	4BB		
Mechanical Angle	No Limit		
Dimension	48.5 x 25 x 51.2 mm		
Net Weight	180 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Stall Torque	42 kg-cm (583 oz-in) @ 4.8V 52 kg-cm (722 oz-in) @ 6.0V 64 kg-cm (889 oz-in) @ 7.4V 72 kg-cm (1000 oz-in) @ 8.4V	**Unload Current**	400mA @ 4.8V 430mA @ 6.0V 500mA @ 7.4V 550mA @ 8.4V
Operating Speed	0.150 sec/60° @ 4.8V 0.122 sec/60° @ 6.0V 0.100 sec/60° @ 7.4V 0.092 sec/60° @ 8.4V	**Loading Current**	5800mA @ 4.8V 7000mA @ 6.0V 8200mA @ 7.4V 9000mA @ 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 2 pcs x 15T-Ø7.8mm Metal Horns ② 4 pcs x M3*15mm Screws ③ 2 pcs x M3*8mm Screws ④ 2 pcs x M2.5*12mm Screw ⑤ 1 pc x M2.5*6mm Screw ⑥ 1 pc x M2.5*8mm Screw ⑦ 4 pcs x Ø3*Ø5.5*8mm Rubber Pads ⑧ 4 pcs x Ø6.5*Ø3.5*Ø3.1*7mm Copper Sleeves		

Remark: If you have any questions about the A200BHMW servo, please contact shopping@agfrc.com directly.