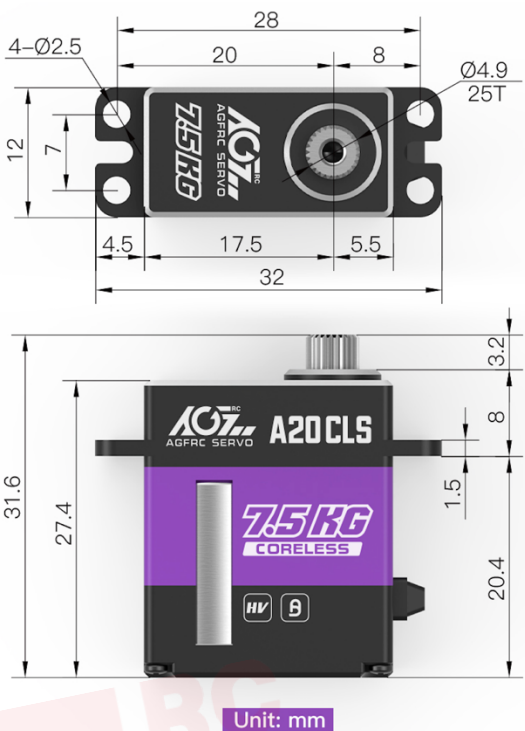


A20CLS

Control System	PWM		
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	2BB		
Mechanical Angle	No Limit		
Dimension	23 x 12 x 27.5 mm		
Net Weight	21 g		
Connector / Cable	TYU 190 mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.13 sec/60° @ 4.8V	5.0 kg-cm (70 oz-in) @ 4.8V	150mA @ 4.8V	1600mA @ 4.8V
0.11 sec/60° @ 6.0V	5.8 kg-cm (80 oz-in) @ 6.0V	180mA @ 6.0V	2000mA @ 6.0V
0.09 sec/60° @ 7.4V	6.8 kg-cm (95 oz-in) @ 7.4V	240mA @ 7.4V	2200mA @ 7.4V
0.08 sec/60° @ 8.4V	7.5 kg-cm (104 oz-in) @ 8.4V	300mA @ 8.4V	2400mA @ 8.4V
Direction	CCW	Motor Type	Coreless
Waterproof Level	/	Angle Sensor	Potentiometer
Programmable	Yes	Motor Drive	FET Drive
Gear Material	Strength Steel	Horn Gear Spline	25T- $\varnothing$ 4.94mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative:  Positive:  Signal: 		
Default Accessories	① 1 pc x 25T-$\varnothing$5.92mm L=33.8mm Plastic Horn ② 1 pc x 25T-$\varnothing$5.92mm L=30mm Plastic Horn ③ 1 pc x 25T-$\varnothing$5.92mm L=25.5mm Plastic Horn ④ 1 pc x 25T-$\varnothing$5.92mm L=23.5mm Plastic Horn ⑤ 3 pcs x M2*8mm Screws ⑥ 1 pc x M2.5*4mm Screw 		

Remark: If you have any questions about the A20CLS servo, please contact shopping@agfrc.com directly.