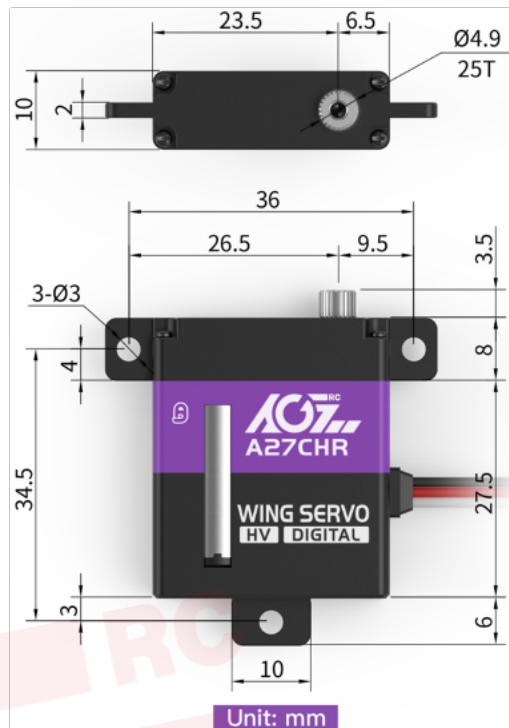
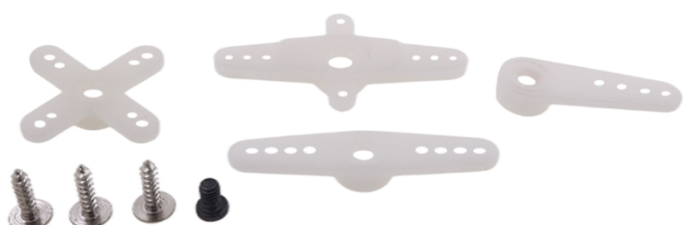


A27CHR

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	2BB		
Mechanical Angle	No Limit		
Dimension	30 x 10 x 30.5 mm		
Net Weight	27.6 g		
Connector / Cable	TYU 180mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.17 sec/60° @ 4.8V	7.5 kg-cm (104 oz-in) @ 4.8V	250mA @ 4.8V	1600mA @ 4.8V
0.15 sec/60° @ 6.0V	8.2 kg-cm (114 oz-in) @ 6.0V	300mA @ 6.0V	1800mA @ 6.0V
0.12 sec/60° @ 7.4V	10.0 kg-cm (139 oz-in) @ 7.4V	400mA @ 7.4V	2100mA @ 7.4V
0.11 sec/60° @ 8.4V	11.0 kg-cm (153 oz-in) @ 8.4V	500mA @ 8.4V	2300mA @ 8.4V
Direction	CCW	Motor Type	Coreless
Waterproof Level	/	Angle Sensor	Potentiometer
Programmable	Yes	Motor Drive	IC Drive
Gear Material	Strength Steel	Horn Gear Spline	25T-Ø4.94mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative: Black	Positive: Red	Signal: White
Default Accessories	① 1 pc x 25T-Ø4.94mm L=33.8mm Plastic Horn		
	② 1 pc x 25T-Ø4.94mm L=30mm Plastic Horn		
	③ 1 pc x 25T-Ø4.94mm L=25.5mm Plastic Horn		
	④ 1 pc x 25T-Ø4.94mm L=23.5mm Plastic Horn		
	⑤ 3 pcs x M2*8*Ø5.1mm Screws		
	⑥ 1 pc x M2.5*4mm Screw		
			

Remark: If you have any questions about the A27CHR servo, please contact shopping@agfrc.com directly.