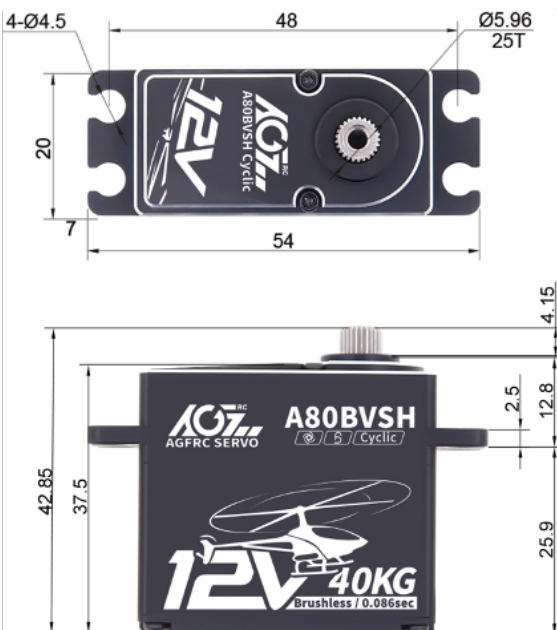


A80BVSH Cyclic

Control System	PWM		
Refresh Rate	333 Hz		
Neutral Position	1520 µSec		
Signal Mode	Digital		
Dead band	2 µSec		
Operating Voltage	10V ~ 14.4V		
Operating Temp.	-15°C ~ +70°C		
Bearing	3BB		
Mechanical Angle	220°		
Dimension	40 x 20 x 37.5 mm		
Net Weight	79 g		
Connector / Cable	TYU 300mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 µSec		
Operating Speed	Stall Torque	Unload Current	Loading Current
0.113 sec/60° @ 10.0V	30.0 kg-cm (417 oz-in) @ 10.0V	250mA @ 10.0V	2400mA @ 10.0V
0.102 sec/60° @ 11.1V	35.0 kg-cm (486 oz-in) @ 11.1V	300mA @ 11.1V	2800mA @ 11.1V
0.090 sec/60° @ 12.0V	38.0 kg-cm (528 oz-in) @ 12.0V	350mA @ 12.0V	3300mA @ 12.0V
0.086 sec/60° @ 12.6V	40.0 kg-cm (556 oz-in) @ 12.6V	380mA @ 12.6V	3500mA @ 12.6V
Direction	CCW	Motor Type	Brushless
Waterproof Level	/	Angle Sensor	Potentiometer
Programmable	Yes	Motor Drive	FET Drive
Gear Material	Strength Steel + Titanium	Horn Gear Spline	25T-Ø5.92mm
Case Material	Aluminum	Bearing Material	Metal
Wire Color (- + S)	Negative: Black Positive: Black Signal: Grey		
Default Accessories	① 1 pc x 25T-Ø5.92mm L=45mm Plastic Horn ② 1 pc x 25T-Ø5.92mm L=40.3mm Plastic Horn ③ 1 pc x 25T-Ø5.92mm L=27.5mm Plastic Horn ④ 4 pcs x M3*12mm Screws ⑤ 1 pc x M3*8mm Screw ⑥ 4 pcs x 9*6.9*5.6mm (Ø3) Rubber Pads ⑦ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves 		

Remark: If you have any questions about the A80BVSH Cyclic servo, please contact shopping@agfrc.com directly.