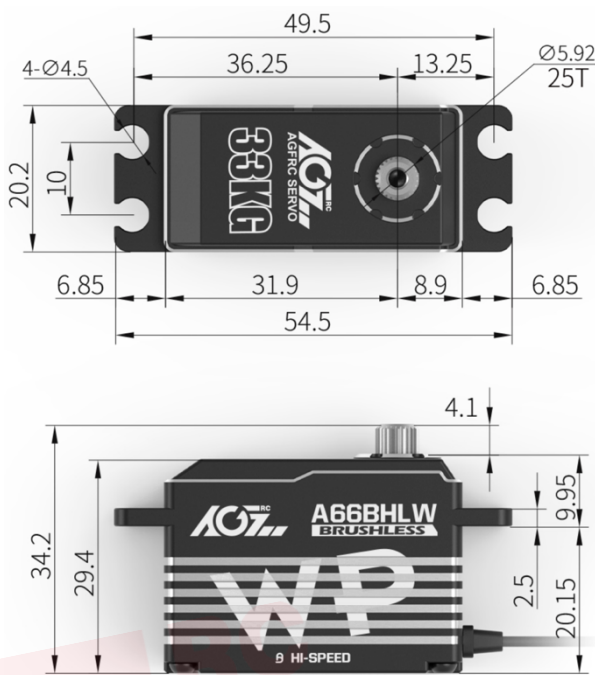


A66BHLW

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	40.8 x 20.2 x 29.5 mm		
Net Weight	66 g		
Connector / Cable	TYU 180mm / 22AWG		
Operating Travel	180° ± 10°		
Signal Range	500 to 2500 μSec		
Stall Torque	20 kg-cm (278 oz-in) @ 4.8V 25 kg-cm (347 oz-in) @ 6.0V 30 kg-cm (417 oz-in) @ 7.4V 33 kg-cm (458 oz-in) @ 8.4V	Unload Current	300mA @ 4.8V 350mA @ 6.0V 380mA @ 7.4V 420mA @ 8.4V
Operating Speed	0.110sec/ 60° @ 4.8V 0.090sec/60° @ 6.0V 0.080sec/60° @ 7.4V 0.068sec/60° @ 8.4V	Loading Current	3200mA @ 4.8V 3800mA @ 6.0V 4300mA @ 7.4V 4400mA @ 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	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=34.9mm Metal Horn ② 3 pcs x 25T-Ø5.92mm Plastic Horns ③ 4 pcs x M3*12mm Screws ④ 1 pc x M3*8mm Screw ⑤ 2 pc x M2*8mm Screws ⑥ 4 pcs x Ø3*Ø5.5*8mm Rubber Pads ⑦ 4 pcs x Ø6*Ø3.5*Ø5mm Copper Sleeves 		

Remark: If you have any questions about the A66BHLW servo, please contact shopping@agfrc.com directly.