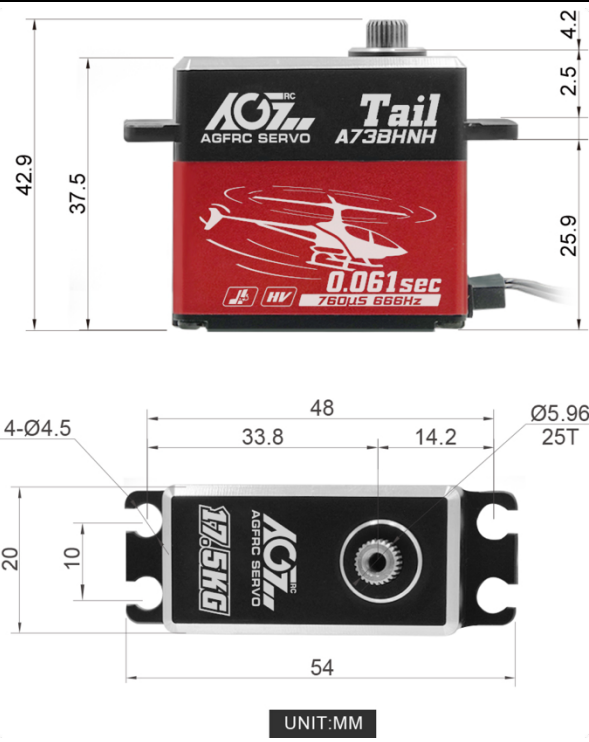


A73BHNH Tail

Control System	Pulse width modulation control	 Dimensions (mm): Top View: 48 (width), 54 (length), 14.2 (horn width), 33.8 (horn to center distance), 4.5 (horn hole diameter), 20 (horn thickness), 10 (horn to center distance). Side View: 42.9 (total height), 37.5 (servo body height), 2.5 (horn height), 4.2 (horn to center distance), 25.9 (servo body to horn distance). Gear: 25T, Ø5.96mm. Unit: MM	
Refresh Rate	666Hz		
Neutral Position	760μS		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	220°		
Size	40*20*37.5mm		
Net Weight	73.5g		
Wire	JR 300mm / 22AWG		
Operating Travel	90°±5°		
Signal Range	452 to 1072 μSec		
Stall Torque	14.0 kg-cm (194 oz-in) @ 4.8V 15.0 kg-cm (208 oz-in) @ 6.0V 16.5 kg-cm (229 oz-in) @ 7.4V 17.5 kg-cm (243 oz-in) @ 8.4V	Unload Current	280mA @ 4.8V 350mA @ 6.0V 400mA @ 7.4V 450mA @ 8.4V
Operating Speed	0.085sec/ 60° @ 4.8V 0.075sec/60° @ 6.0V 0.068sec/60° @ 7.4V 0.061sec/60° @ 8.4V	Loading Current	3000mA @ 4.8V 3100mA @ 6.0V 3300mA @ 7.4V 3500mA @ 8.4V
Direction	☒ CCW ☐ CW		
Waterproof Level	☐ IP65 ☐ IP67		
Angle Sensor	☒ Potentiometer ☐ Magnet Angle Sensor		
Motor Type	☒ Brushless ☐ Coreless ☐ DC		
Motor Drive	☒ FET Drive ☐ IC Drive ☐ Transistor Drive		
Programmable	☐ Yes ☒ No		
Gear Material	☒ Strength Steel ☐ Titanium ☐ Copper ☐ Plastic		
Horn Gear Spline	☒ 25T-φ5.92mm ☐ 25T-φ4.94mm ☐ Other _____		
Case Material	☐ AL6061T6 ☒ Aluminum + Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☒ Black ☐ Brown Positive: ☒ Black ☐ Red Signal: ☐ Grey ☒ White ☐ Orange		