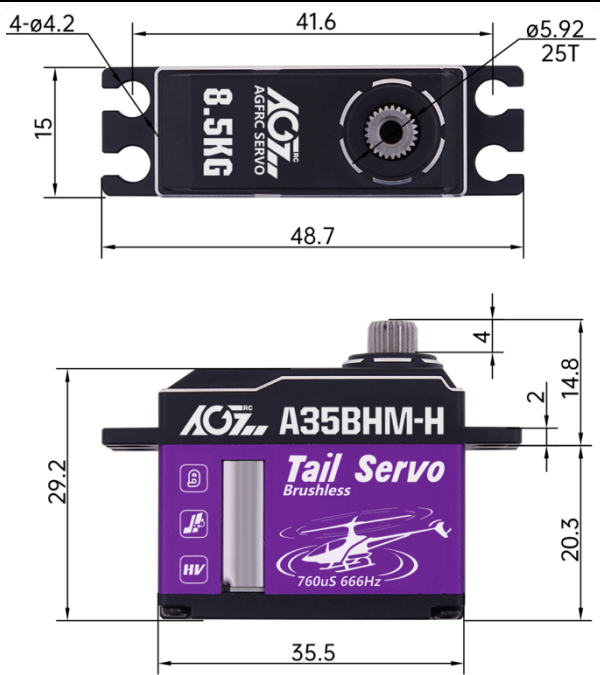


A35BHM-H Tail

Control System	Pulse width modulation control	 UNIT:MM	
Refresh Rate	666Hz		
Neutral Position	760μS		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	4.8 ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	220°		
Size	35.5*15*29.2mm		
Net Weight	41g		
Wire	TYU 300mm / 22AWG		
Operating Travel	90°±5°		
Signal Range	452 to 1072 μSec		
Stall Torque	5.0 kg-cm (70 oz-in) @ 4.8V 6.0 kg-cm (83 oz-in) @ 6.0V 7.5 kg-cm (104 oz-in) @ 7.4V 8.5 kg-cm (118 oz-in) @ 8.4V	Unload Current	230mA @ 4.8V 300mA @ 6.0V 380mA @ 7.4V 420mA @ 8.4V
Operating Speed	0.090sec/ 60° @ 4.8V 0.080sec/60° @ 6.0V 0.072sec/60° @ 7.4V 0.065sec/60° @ 8.4V	Loading Current	1800mA @ 4.8V 2200mA @ 6.0V 2500mA @ 7.4V 2800mA @ 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-ø5.92mm ☐ 25T-ø4.94mm ☐ 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		