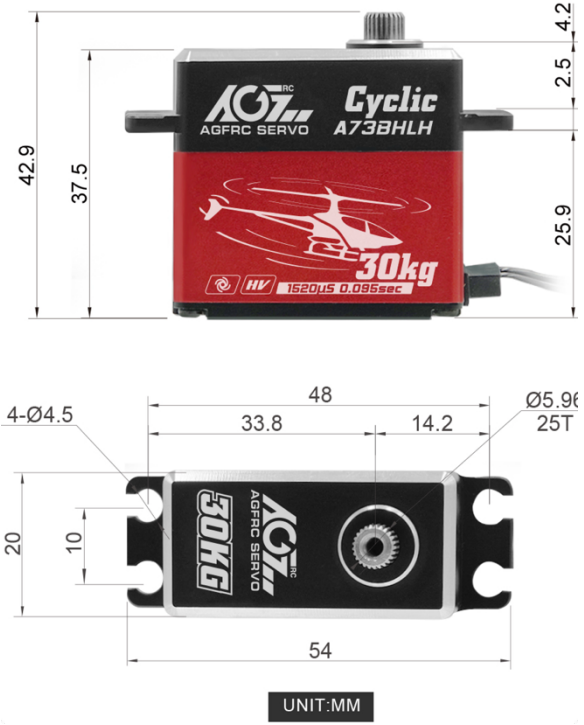


A73BHLH Cyclic

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520µS		
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	180°±10°		
Signal Range	500 to 2500 µSec		
Stall Torque	22 kg-cm (305 oz-in) @ 4.8V 24 kg-cm (333 oz-in) @ 6.0V 27 kg-cm (375 oz-in) @ 7.4V 30 kg-cm (417 oz-in) @ 8.4V	Unload Current	280mA @ 4.8V 350mA @ 6.0V 400mA @ 7.4V 450mA @ 8.4V
Operating Speed	0.150sec/ 60° @ 4.8V 0.130sec/60° @ 6.0V 0.110sec/60° @ 7.4V 0.095sec/60° @ 8.4V	Loading Current	3800mA @ 4.8V 4100mA @ 6.0V 4400mA @ 7.4V 4800mA @ 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		