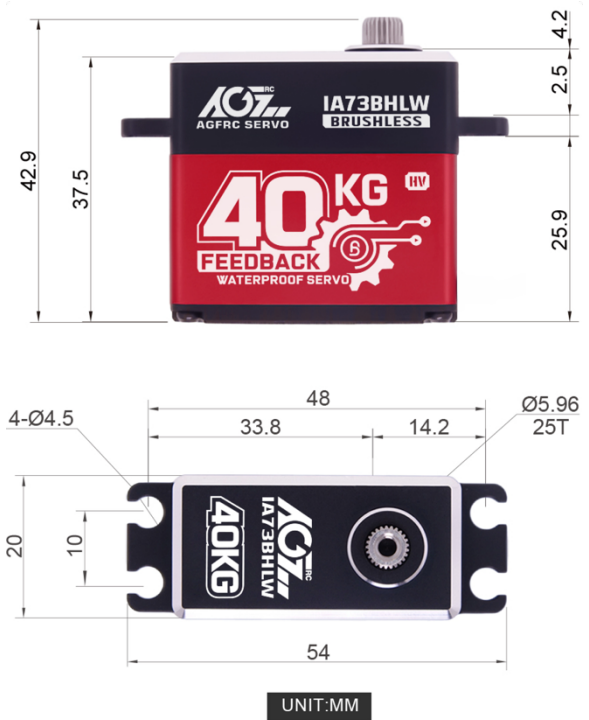


IA73BHLW

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520 μ S		
Signal Mode	Digital		
Dead band	2 μ Sec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	No Limit		
Size	40*20*37.5mm		
Net Weight	76.6g		
Wire	JR 2.54*4Pin 300mm / 22AWG		
Operating Travel	180° $\pm$ 10°		
Signal Range	500 to 2500 μ Sec		
Stall Torque	25 kg-cm (347 oz-in) @ 4.8V 29 kg-cm (403 oz-in) @ 6.0V 35 kg-cm (486 oz-in) @ 7.4V 40 kg-cm (556 oz-in) @ 8.4V		 42.9, 37.5, 2.5, 4.2, 25.9, 48, 33.8, 14.2, 4-Ø4.5, 20, 10, 54, Ø5.96 25T, UNIT:MM
Operating Speed	0.145sec/ 60° @ 4.8V 0.123sec/60° @ 6.0V 0.110sec/60° @ 7.4V 0.100sec/60° @ 8.4V		Unload Current 280mA @ 4.8V 350mA @ 6.0V 400mA @ 7.4V 450mA @ 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- ϕ 5.92mm ☐ 25T- ϕ 4.94mm ☐ Other _____		
Case Material	☒ AL6061T6 ☐ Aluminum + Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☒ Black ☐ Brown Positive: ☐ Black ☒ Red Control Signal: ☐ Grey ☒ White ☐ Orange Position Signal: ☐ Black ☐ White ☒ Orange		