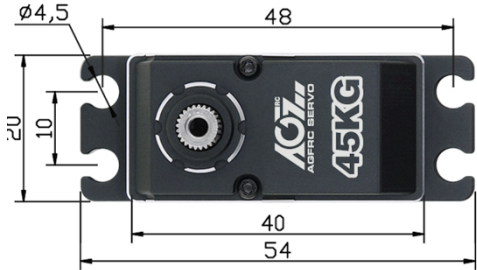


A81BHM

Control System	Pulse width modulation control	  UNIT: MM			
Refresh Rate	333Hz				
Neutral Position	1520μS				
Signal Mode	Digital				
Dead band	2 μSec				
Operating Voltage	4.8V ~ 8.4V				
Operating Temperature	-15C° ~ +70C°				
Bearing	3BB				
Mechanical Angle	220°				
Size	40*20*37.2mm				
Net Weight	83.0g				
Wire	TYU 300mm / 22AWG				
Operating Travel	180°±10°				
Signal Range	500 to 2500 μSec				
Stall Torque	28 kg-cm (389 oz-in) @ 4.8V 34 kg-cm (473 oz-in) @ 6.0V 39 kg-cm (542 oz-in) @ 7.4V 45 kg-cm (625 oz-in) @ 8.4V	Unload Current	280mA @ 4.8V 320mA @ 6.0V 360mA @ 7.4V 400mA @ 8.4V		
	Operating Speed		0.14sec/ 60° @ 4.8V 0.115sec/60° @ 6.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V	Loading Current	3600mA @ 4.8V 4000mA @ 6.0V 4300mA @ 7.4V 4600mA @ 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 Control Signal: ☒ Grey ☐ White ☐ Orange				