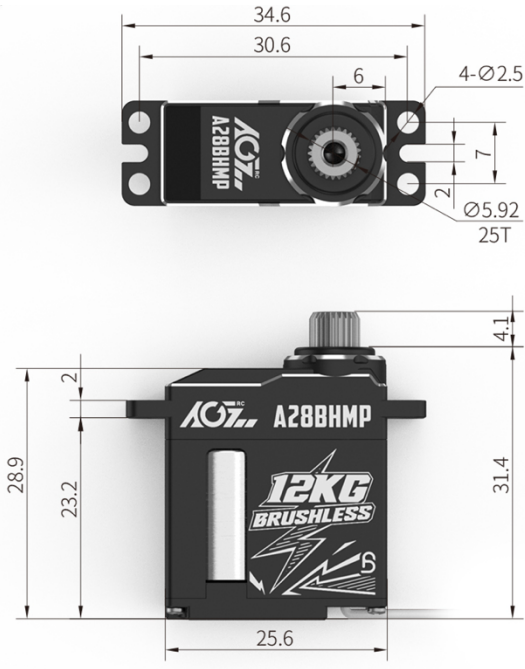


A28BHMP

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520μS		
Signal Mode	Digital		
Dead band	2 μSec		
Operating Voltage	4.8 ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	2BB		
Mechanical Angle	No Limit		
Size	25.6*12*28.9mm		
Net Weight	26g		
Wire	TYU 180mm / 26AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 μSec		
		Unit: mm	
Stall Torque	8.5 kg-cm (118 oz-in) @ 4.8V 10.0 kg-cm (139 oz-in) @ 6.0V 11.0 kg-cm (153 oz-in) @ 7.4V 12.0 kg-cm (167 oz-in) @ 8.4V	Unload Current	50mA @ 4.8V 180mA @ 6.0V 210mA @ 7.4V 250mA @ 8.4V
Operating Speed	0.085sec/ 60° @ 4.8V 0.070sec/60° @ 6.0V 0.060sec/60° @ 7.4V 0.050sec/60° @ 8.4V	Loading Current	2600mA @ 4.8V 2900mA @ 6.0V 3100mA @ 7.4V 3200mA @ 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		