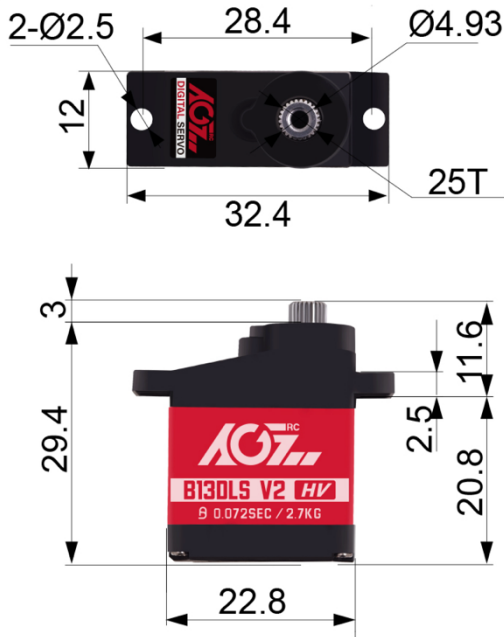


B13DLS V2

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520µS		
Signal Mode	Digital		
Dead band	3 µSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Double Ball Bearing		
Mechanical Angle	No Limit		
Size	22.8*12*29.4mm		
Net Weight	15g		
Wire	JR 180mm / 26AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 µSec		
Stall Torque	1.6 kg-cm (22 oz-in) @ 4.8V 2.0 kg-cm (27 oz-in) @ 6.0V 2.4 kg-cm (33 oz-in) @ 7.4V 2.7 kg-cm (37 oz-in) @ 8.4V	Unload Current	200mA @ 4.8V 240mA @ 6.0V 270mA @ 7.4V 300mA @ 8.4V
Operating Speed	0.090sec/ 60° @ 4.8V 0.080sec/60° @ 6.0V 0.076sec/60° @ 7.4V 0.072sec/60° @ 8.4V	Loading Current	1200mA @ 4.8V 1400mA @ 6.0V 1500mA @ 7.4V 1600mA @ 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		