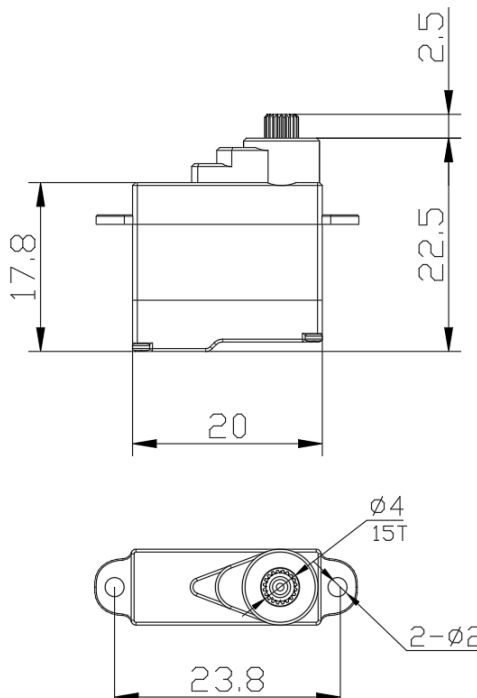


PRODUCT SPECIFICATION

RS30CM

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520uS		
Signal Mode	Digital		
Dead band	2 uSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Bearing		
Mechanical Angle	No Limit		
Size	20*8*17.8mm		
Net Weight	7.0g		
Wire	JST(JR) 60mm / 28AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	1.8 kg-cm (25 oz-in) @ 4.8V 2.2 kg-cm (30 oz-in) @ 6.0V 2.6 kg-cm (36 oz-in) @ 7.4V 3.0 kg-cm (41 oz-in) @ 8.4V	Unload Current	120mA @ 4.8V 150mA @ 6.0V 200mA @ 7.4V 230mA @ 8.4V
Operating Speed	0.075sec /60° @ 4.8V 0.066sec /60° @ 6.0V 0.058sec /60° @ 7.4V 0.052sec /60° @ 8.4V	Loading Current	800mA @ 4.8V 1000mA @ 6.0V 1200mA @ 7.4V 1400mA @ 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 <u>15Tφ4.0mm</u>		
Case Material	☒ AL6061T6 ☐ AL+Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☒ AL6061T6 ☐ Plastic		
Wire Color	Negative: ☒ Black ☐ Brown Positive: ☐ Black ☒ Red Signal: ☐ Grey ☒ White ☐ Orange		