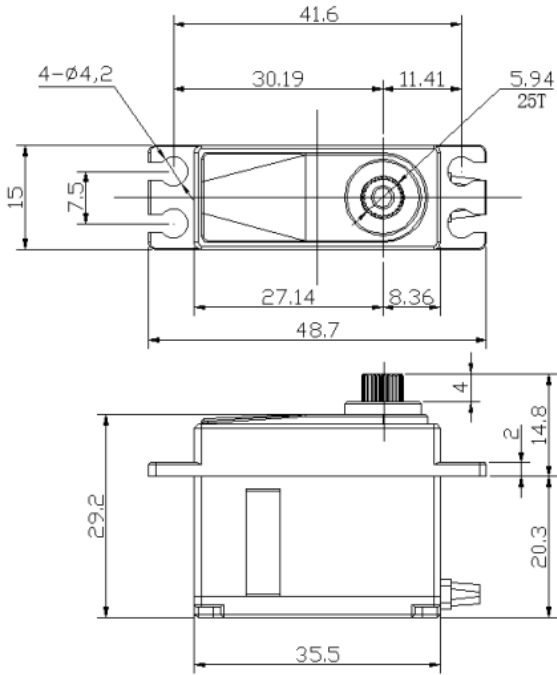


PRODUCT SPECIFICATION

RS125CM

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	Dual Ball Bearing		
Mechanical Limit Angle	220°		
Size	35.5*15*29.2mm		
Net Weight	41g		
Wire	JR 180mm /22AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	9.5 kg-cm (132 oz-in) @ 4.8V 10.5 kg-cm (146 oz-in) @ 6.0V 11.5 kg-cm (160 oz-in) @ 7.4V 12.5 kg-cm (174 oz-in) @ 8.4V	Unload Current	230mA @ 4.8V 300mA @ 6.0V 380mA @ 7.4V 420mA @ 8.4V
Operating Speed	0.145sec/ 60° @ 4.0V 0.125sec/60° @ 6.0V 0.095sec/60° @ 7.4V 0.085sec/60° @ 8.4V	Loading Current	2000mA @ 4.8V 2400mA @ 6.0V 2600mA @ 7.4V 2800mA @ 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 ☐ AL+Plastic ☐ Plastic		
Bearing Material	☒ Metal ☐ Plastic		
Horn Accessories	☐ AL6061T6 ☒ Plastic		
Wire Color	Negative: ☒ Black ☐ Brown Positive: ☐ Black ☒ Red Signal: ☐ Grey ☒ White ☐ Orange		