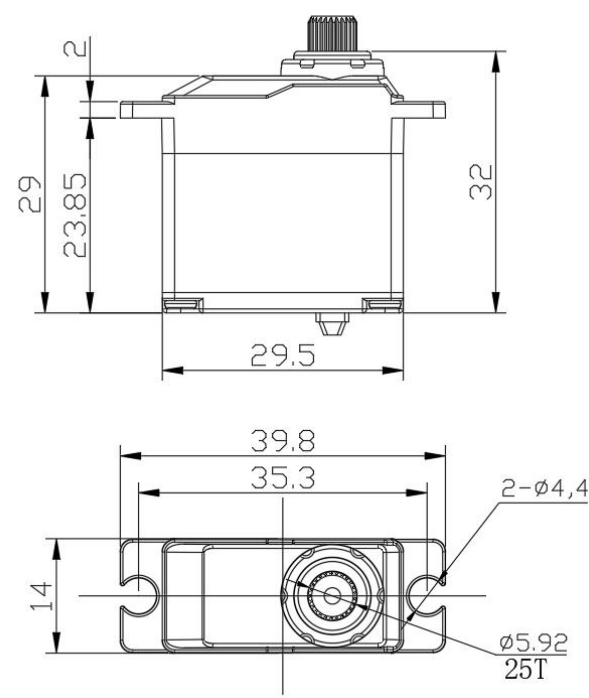




PRODUCT SPECIFICATION

RSB24CLM

Control System	Pulse width modulation control		
Refresh Rate	333Hz		
Neutral Position	1520uS		
Signal Mode	Digital		
Dead band	3 uSec		
Operating Voltage	4.8V ~ 8.4V		
Operating Temperature	-15C° ~ +70C°		
Bearing	Double Bearings		
Mechanical Limit Angle	No Limit		
Size	29.5*14*29mm		
Net Weight	22g		
Wire	JR 180mm / 26AWG		
Operating Travel	180°±10°		
Signal Range	500 to 2500 uSec		
Stall Torque	4.0 kg-cm (55 oz-in) @ 4.8V 4.6 kg-cm (64 oz-in) @ 6.0V 5.4 kg-cm (75 oz-in) @ 7.4V 6.0 kg-cm (83 oz-in) @ 8.4V	Unload Current	180mA @ 4.8V 200mA @ 6.0V 230mA @ 7.4V 260mA @ 8.4V
Operating Speed	0.140sec/ 60° @ 4.8V 0.115sec/60° @ 6.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V	Loading Current	1200mA @ 4.8V 1400mA @ 6.0V 1500mA @ 7.4V 1800mA @ 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-Ø5.92mm ☐ 25T-Ø4.94mm ☐ 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		