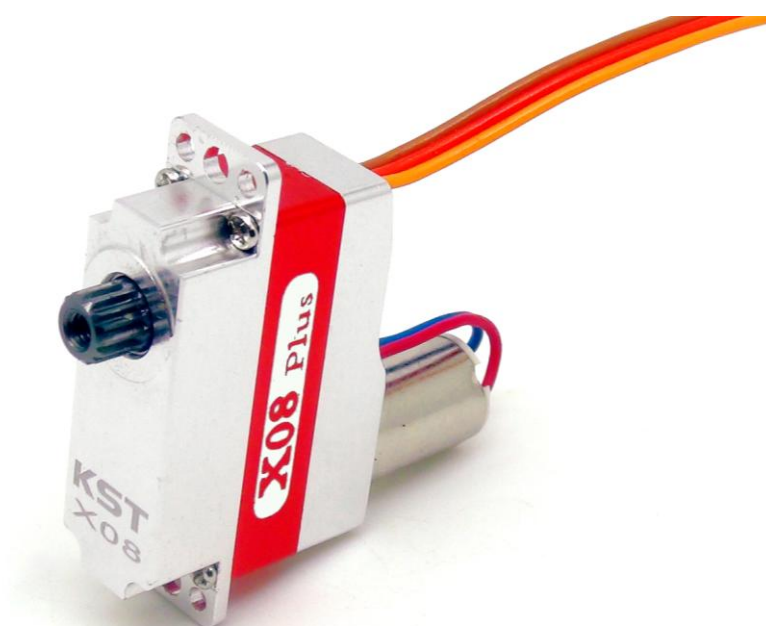




X08 PLUS

Technical Specification

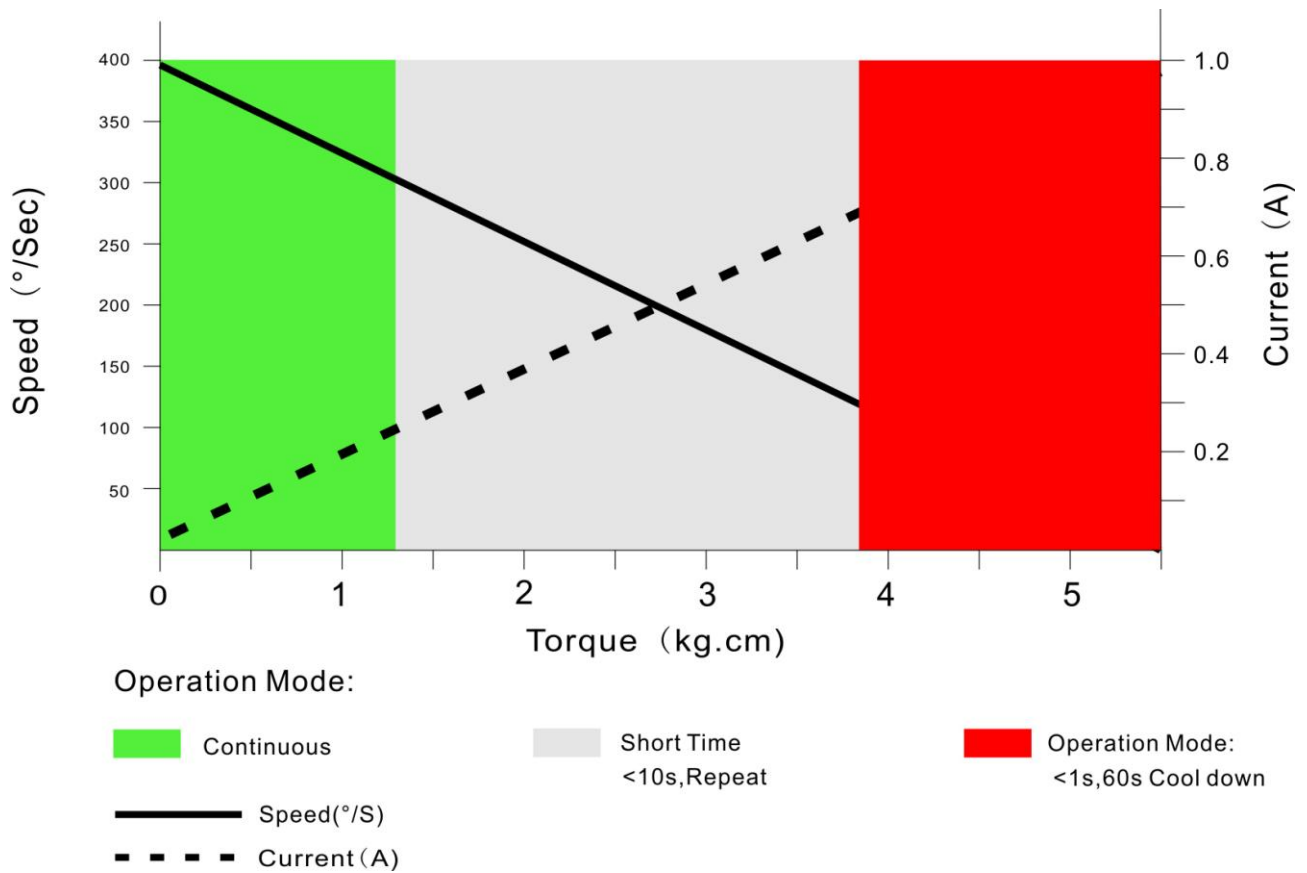


Operating Data

	X08 V5.0 PLUS
Operation Voltage(rated)	DC7.4V
Operation Voltage Range	DC3.8V-8.4V
Torque	2.40Kg.cm@3.8V
	3.85Kg.cm@6.0V
	4.85Kg.cm@7.4V
	5.30Kg.cm@8.4V
Speed	0.18sec/60 °@3.8V
	0.15sec/60 °@6.0V
	0.12sec/60 °@7.4V
	0.09sec/60 °@8.4V
Travel Angle	±50° when 1000-2000us
Operating Temperature Range	-20°C ……+65°C

Performance

X08 PLUS @6.0V



PWM Command Signal

PWM	X08 V5.0 PLUS
Signal Voltage	TTL-Level: HIGH:min.3.3V,max.5.0V TTL-Level: Low:min.0.0V,max.1.5V
Pulse Lengths	900-2100us
Pulse Lengths for Position -50° /center/ $+50^{\circ}$	1000us/1500us/2000us
Resolution	<2us

Materials and protective features

Case Material	Aluminum Alloy
Salt Water Resistance	
EMI/RFI Shielding	Shielding
Motor Type	Coreless
Gear Set Material	Steel
Position Sensor	Potionmeter
Position Feedback	Optional
Shielded Connecting Cable	26AWG

Dimensions

Case Dimensions	23.5*8*16.8mm
Weight	9g