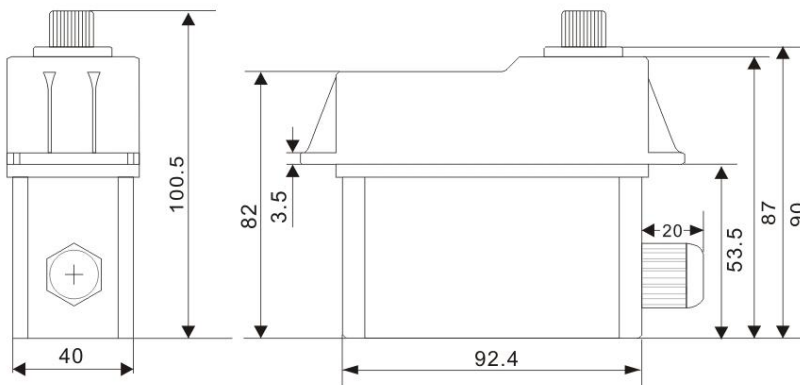
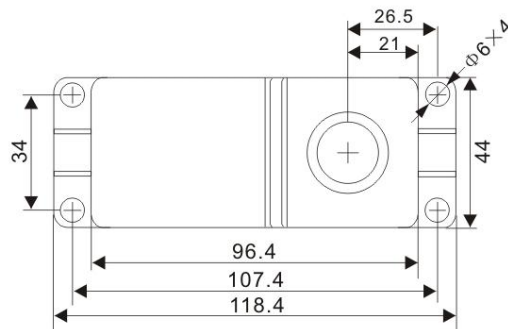


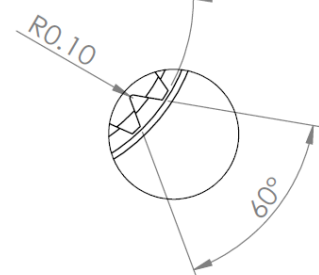


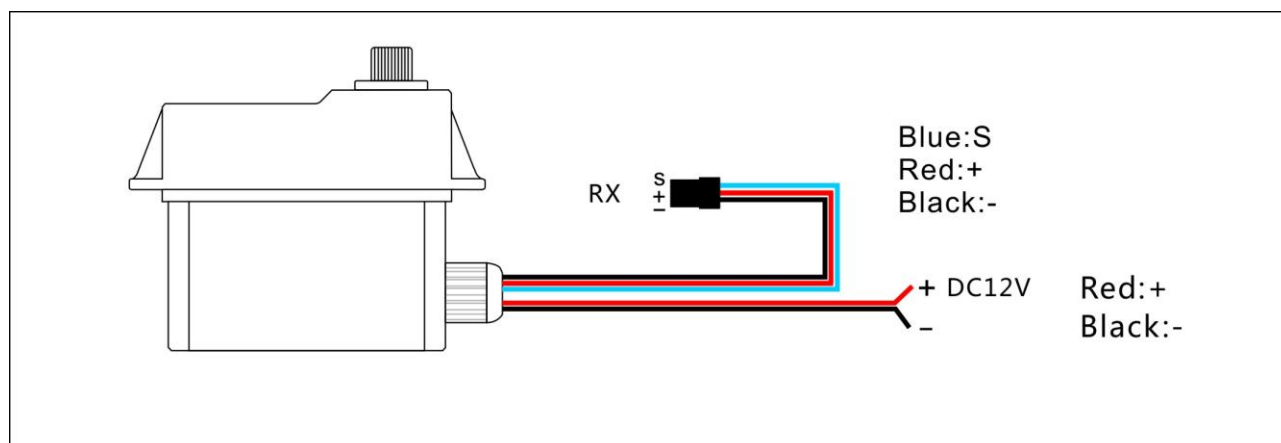
# X50-12-150

## Technical Specification



60°-25T  
齒外徑  $\phi$  11.80  
齒底徑  $\phi$  10.0  
齒尖R0.1



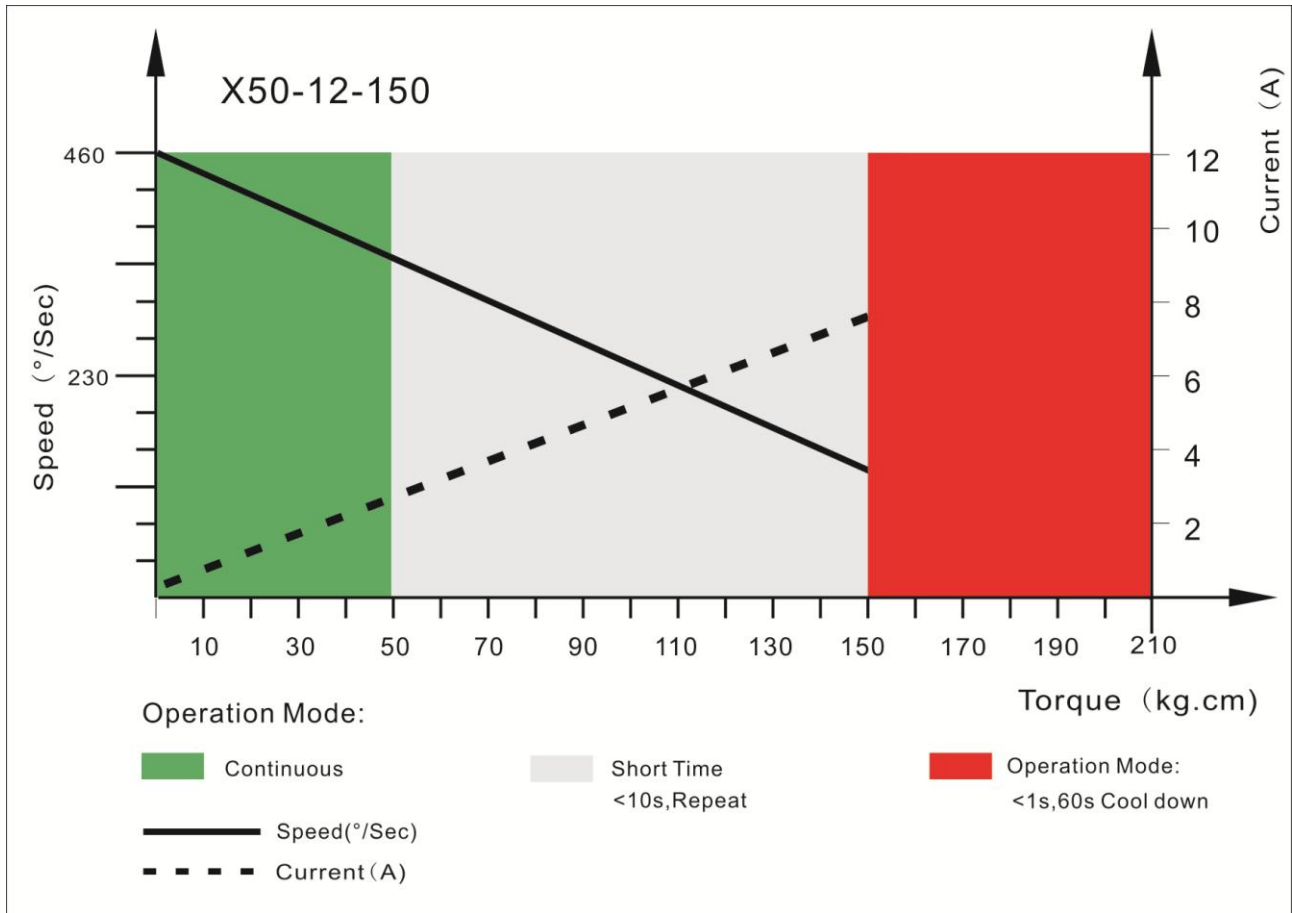
**KST**<sup>®</sup>

## Operating Data

	<b>X50-12-150</b>
<b>Operation Voltage(rated)</b>	DC12V
<b>Operation Voltage Range</b>	DC8.4V-12V
<b>Torque</b>	100Kg.cm@8.4V
	158Kg.cm@12V
<b>Speed</b>	0.16sec/60°@8.4V
	0.13sec/60°@12V
<b>Travel Angle</b>	±45° when 1000-2000us
<b>Operating Temperature Range</b>	-20°C……+65°C



# Performance @12V





## PWM Command Signal

PWM	X50-12-150
Pulse Lengths	900-2100us
Pulse Lengths for Position $-45^{\circ}$ /center/ $+45^{\circ}$	1000us/1500us/2000us
Resolution	<2us

## Materials and protective features

Case Material	Aluminum Alloy
Splash Surface Treatment	
Salt Water Resistance	
EMI/RFI Shielding	
Motor Type	Brushless
Gear Set Material	Steel
Position Sensor	Potentionmeter
Position Feedback	Optional
Shielded Connecting Cable	

## Dimensions

Case Dimensions	96.4*44*90mm
Weight	585g