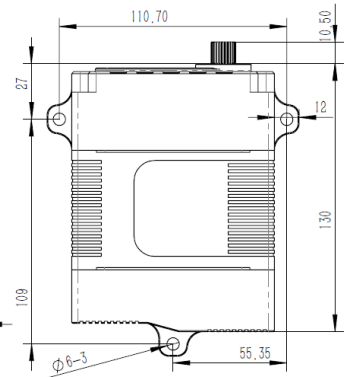
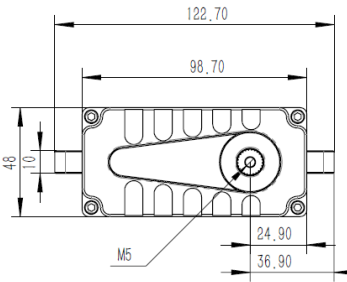
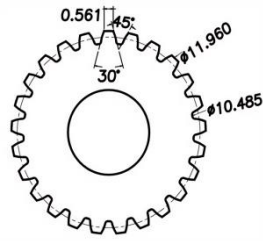
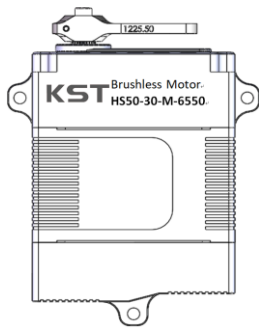
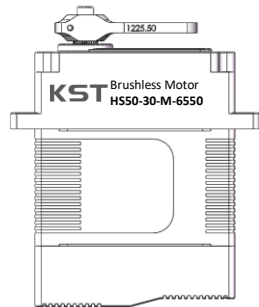


### HS50-30-M-6550 Technical Specification

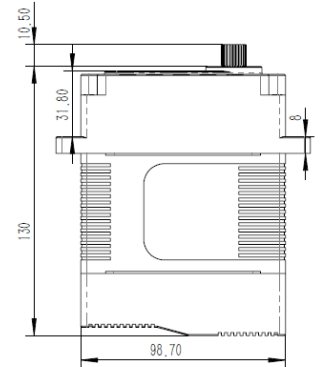
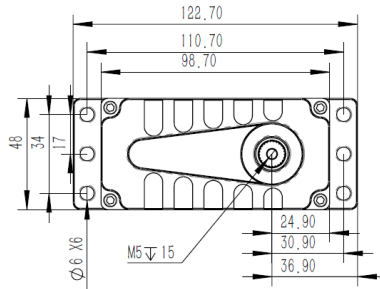
Version A



Version B



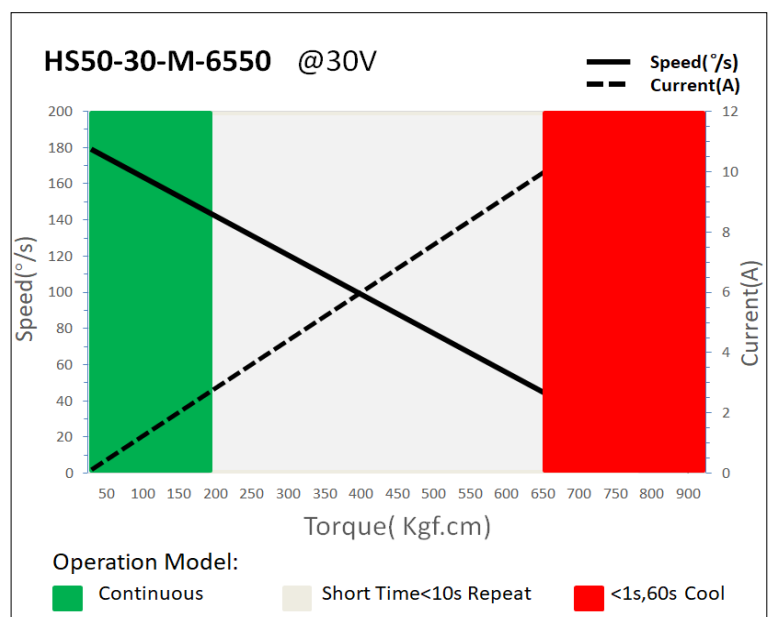
25T 12mm  
Output Shaft Spline



#### 1. Servo Data

Rated Voltage	DC30V
Voltage Range	DC24V-32V
Stalling Torque	650Kgf.cm@30V
Rated Torque	200Kgf.cm@30V
Stalling Current	8.50A
Rated Current	2.30A
No-load Speed	180°/s @25°C/30V
Rated Speed	135°/s @25°C/30V
Default Travel Angle	±100° = 200° total travel
Operating Temperature	-30°C.....+65°C
Case Material	Aluminum Alloy 7075
Motor Type	Brushless DC Motor
Gear Set Material	Hardened Steel
Position Sensor	Contactless
Ball Bearing	6BB
Case Dimensions	98.7*48*130mm(±0.2mm)
Weight	1350g (±10%)

#### 2. Performance

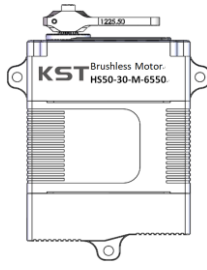


#### 3. Command Signal

##### PWM Command Interface

Signal Voltage	HIGH:min.3.3V,max.5.0V Low:min.0.0V,max.1.5V
Pulse Lengths	500us-2500us
Pulse Lengths for Position -100°/0°/+100°	500us/1500us/2500us

### 4. Industrial Standard J30J-15ZKP Electrical Connector Pin Assignment

	Pin Assignment PWM					
	1	DC + Supply Voltage	5	DC- Supply Ground	9	Signal Ground
	2		6		10	PWM Command Signal
	3		7		11	
	4		8			
	12		14			
	13		15			

### 5. Accessories List

Model	Output Shaft Spline	Item	Item No.
HS50-30-M-6550	25T 12mm	Aluminum Servo Arm (Double side )	1225.55

Item No.: 1225.55

