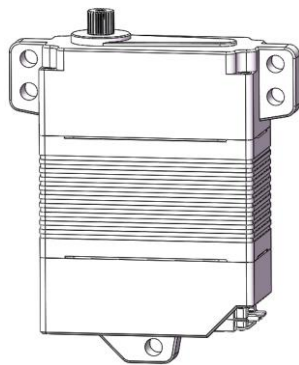
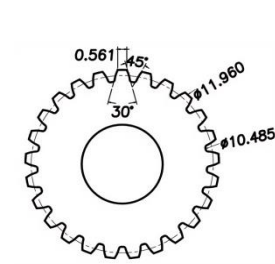


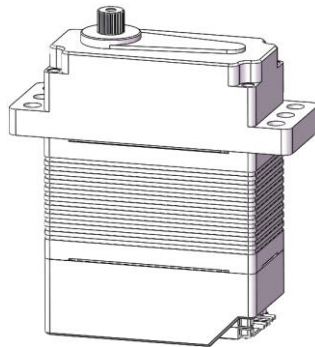
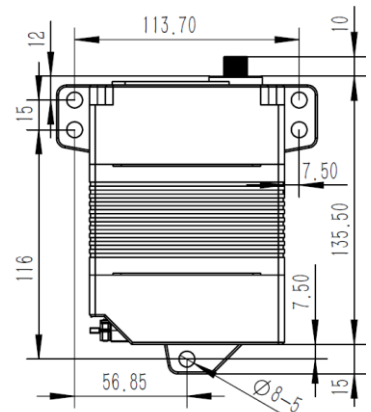
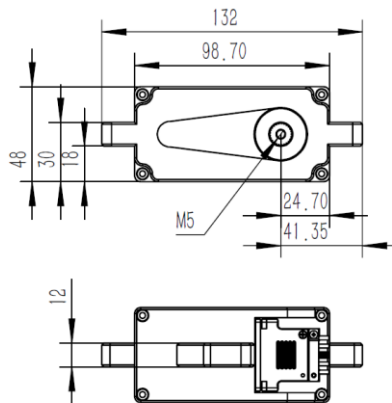
HS50-30-M- 8060 Technical Specification



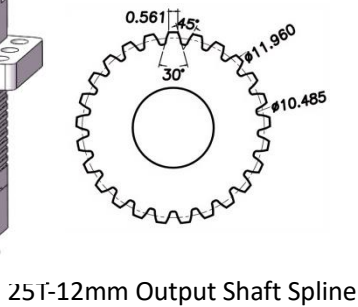
Version A



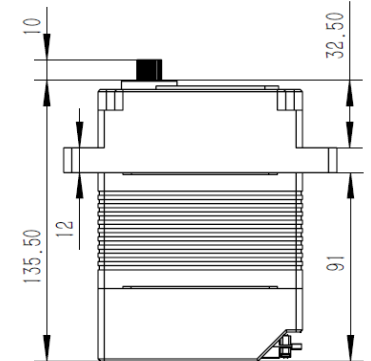
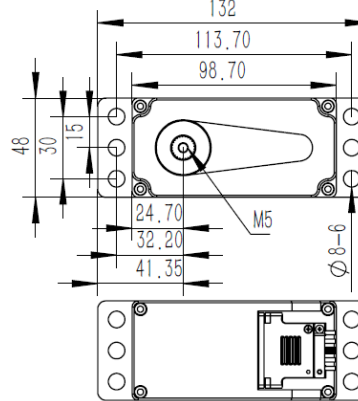
25T-12mm
Output Shaft Spline



Version B



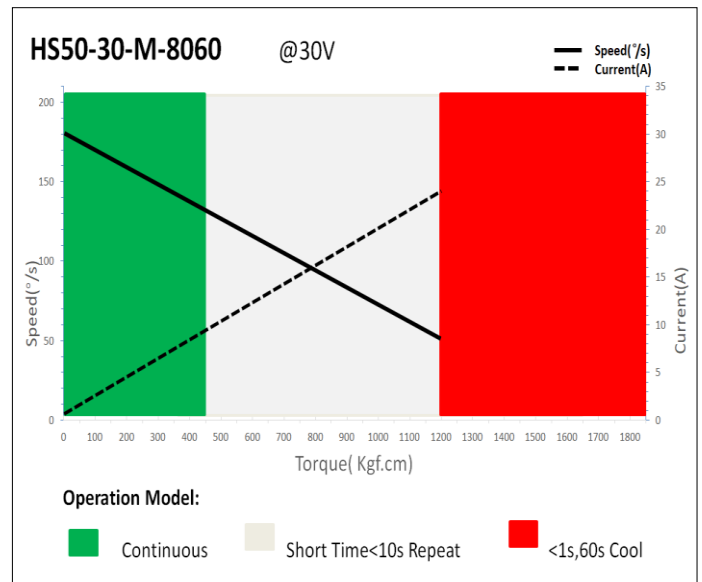
25T-12mm Output Shaft Spline



1. Servo Data

Rated Voltage	DC30V
Voltage Range	DC24V-32V
Stalling Torque	1200Kgf.cm@30V
Rated Torque	450Kgf.cm@30V
Stalling Current	32.5A
Rated Current	9.50A
No-load Speed	180°/s @25°C/30V
Rated Speed	130°/s @25°C/30V
Default Travel Angle	±100° = 200° total travel
Temperature Range	-30°C.....+65°C
Case Material	Aluminum Alloy 7075
Motor Type	Brushless DC Motor
Gear Set Material	Hardened Steel
Position Sensor	Contactless
Shielded Connecting Cable	J30J-11P04JS/1500mm
Ball Bearing	6BB
Case Dimensions	98.7*48*135.5mm(±0.2mm)
Weight	1480g (±5%)

2. Performance

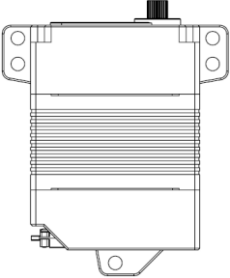


3. Command Signal

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-11P04KP Electrical Connector Pin Assignment

	Assignment PWM	
	A	DC + Supply Voltage
	B	
	C	DC-Supply Ground
	D	
	1	PWM Command Signal
	2	
	3	Feedback Signal +
	4	
	5	Feedback Signal -, Signal Ground.
	6	
	7	N/A

5. Accessories List

Model	Output Shaft Spline	Item	Item No.
HS50-30-M-8060	12mm25T	Steel Servo Arm (Double side)	1225.55

Item No.: 1225.55

