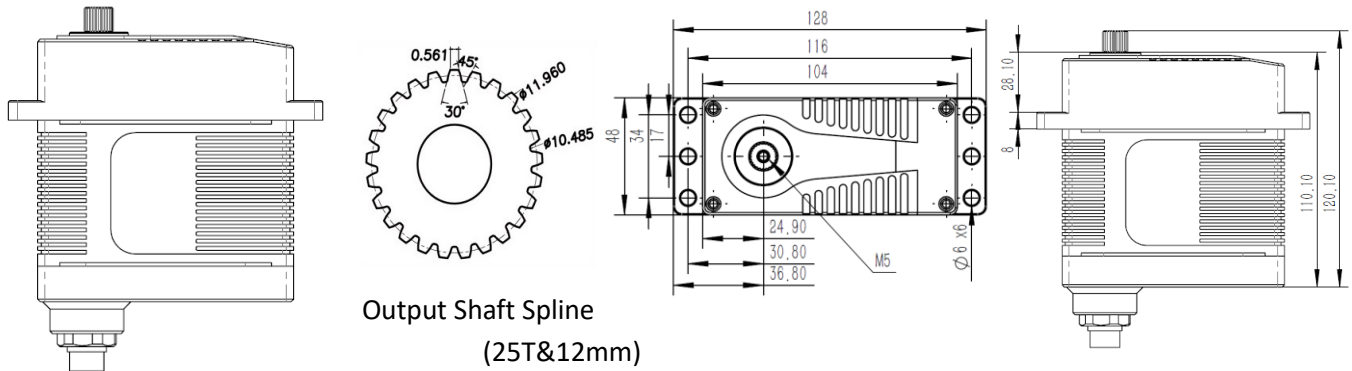


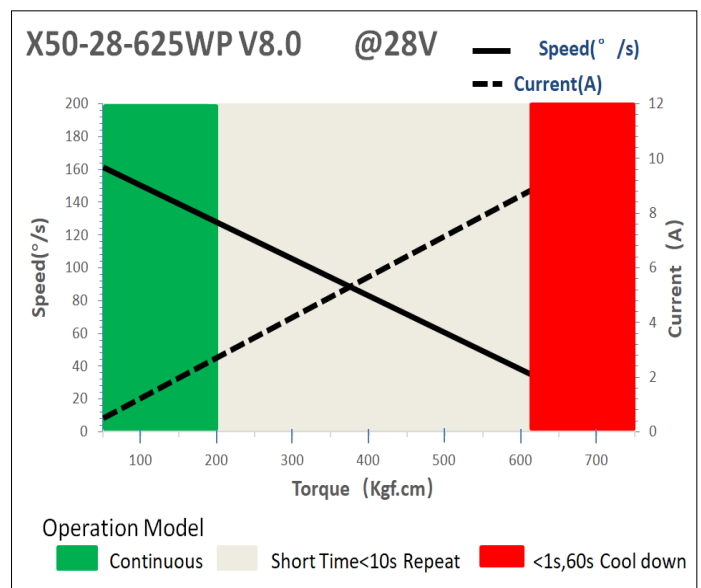
X50-28-625WP V8.0 Technical Specification



1. Servo Data

Rated Voltage	DC28V
Voltage Range	DC24V-32V
Stalling Torque	625Kgf.cm@28V
Rated Torque	200Kgf.cm@28V
No-load Speed	0.36sec/60°@28V
Rated Speed	0.50sec/60°@28V
Stalling Current	10.0A
Rated Current	2.20A
Working Frequency	1520us/333Hz
Default Travel Angle	±50°=100° Total
Temperature Range	-20°C.....+65°C
Case Material	Aluminum Alloy
Motor Type	Brushless DC Motor
Gear Set Material	Hardened Steel
Position Sensor	Potentiometer
Case Dimensions	104*48*120mm±0.2mm
Weight	1200g±10%

2. Performance



3. Command signal

3.1. PWM Command Interface

Signal Voltage	HIGH: min.3.3V, max.5.0V Low: min.0.0V, max.1.5V
Pulse Lengths	900us-2100us
Pulse Lengths for Position	1000us/1500us/2000us -50° 0°/+50°

4. Electrical Connection (Industrial Standard M14 WP electrical Connector)

	Assignment PWM		
	1	Red	DC + (Supply Voltage)
	2	Black	DC- (Supply Ground)
	3	Yellow	PWM (Command Signal)
	4	Green	Signal Ground