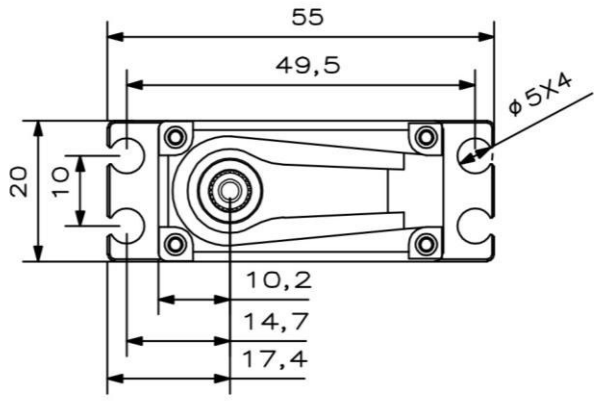
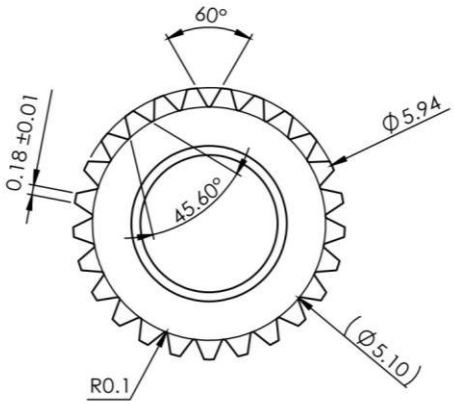
A20-3813

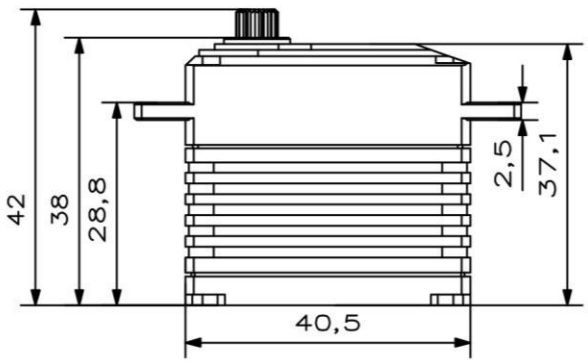
Technical Specification







25T



www.modellmarkt24.ch

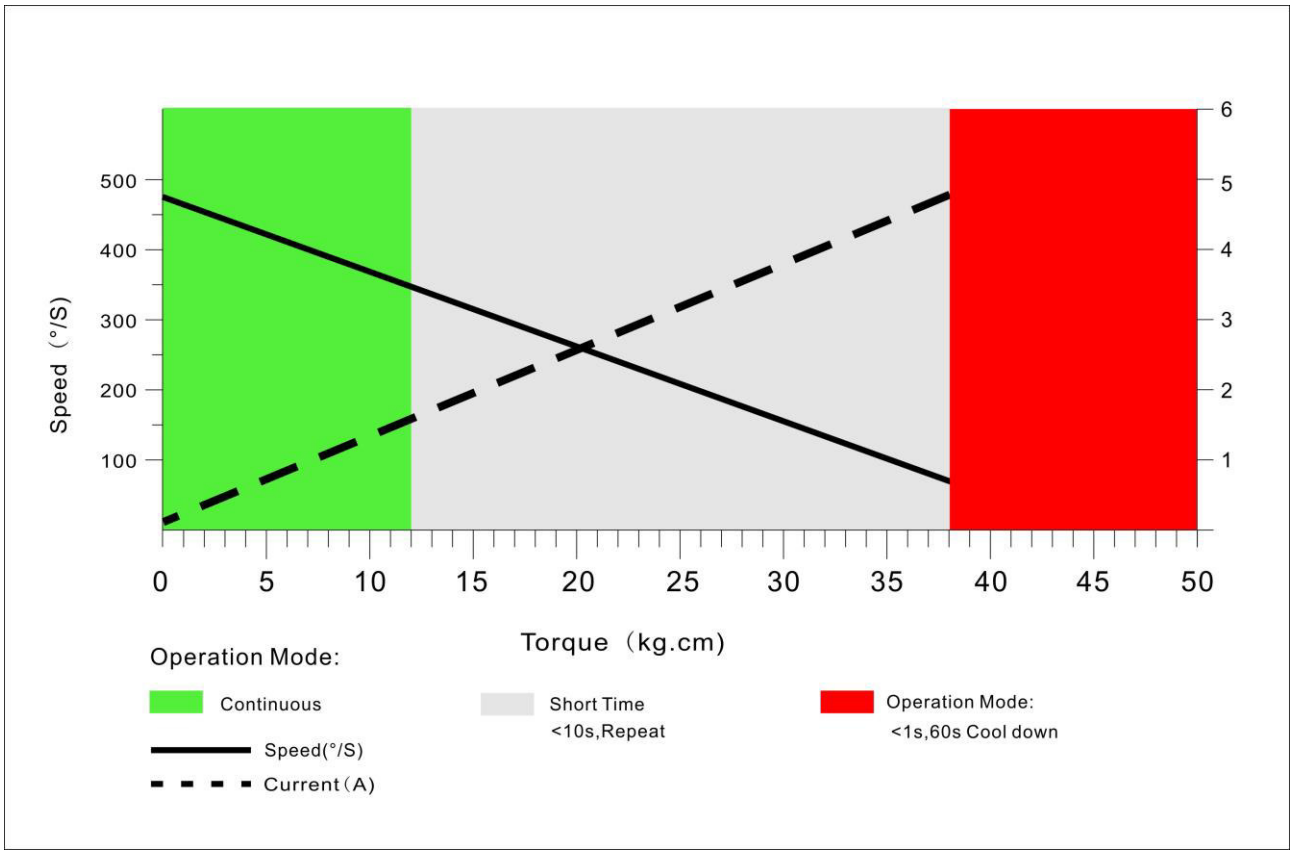
Operating Data

	A20-3813
Operation Voltage(rated)	DC7.4V
Operation Voltage Range	DC6.0V-8.4V
Torque	30Kg.cm@6.0V
	38Kg.cm@7.4V
	43Kg.cm@8.4V
Speed	0.15sec/60°@6.0V
	0.13sec /60°@7.4V
	0.12sec /60°@8.4V
Travel Angle	±50° when 1000-2000us
Operating Temperature Range	-20℃……+65℃

www.modellmarkt24.ch

Performance

A20-3813 @ 7.4V



www.modellmarkt24.ch

PWM Command Signal

PWM	A20-3813
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°	1000us/1500us/2000us
Resolution	<2us

Materials and protective features

Case Material	Aluminum Alloy
Motor Type	Brushless
Gear Set Material	Phosphor Bronze +Hardened Steel
Position Sensor	Potentionmeter
Position Feedback	Optional
Shielded Connecting Cable	22AWG

Dimensions

Case Dimensions	40.5*20*38mm
Weight	72g

www.modellmarkt24.ch