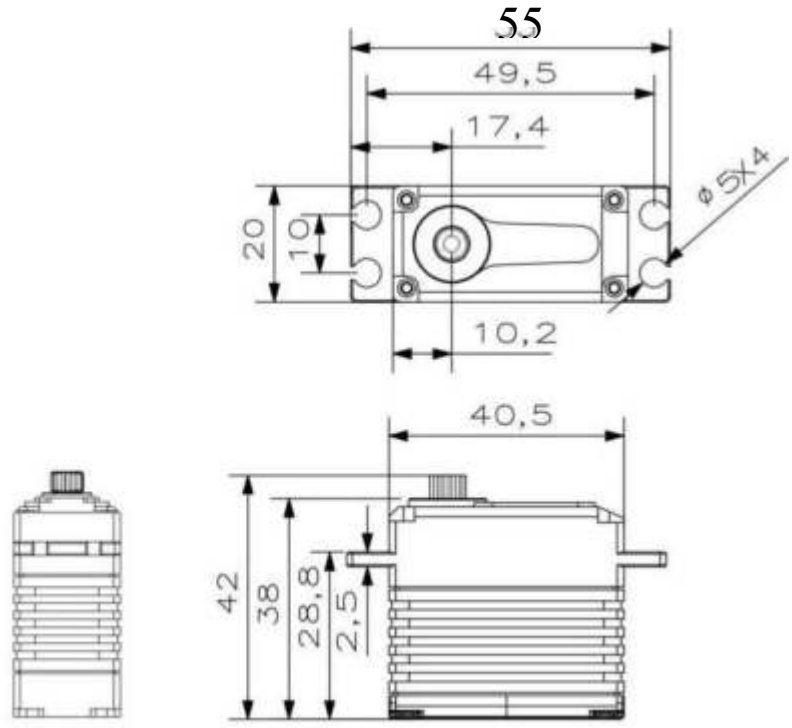
BLS815 V8.0

Technical specification

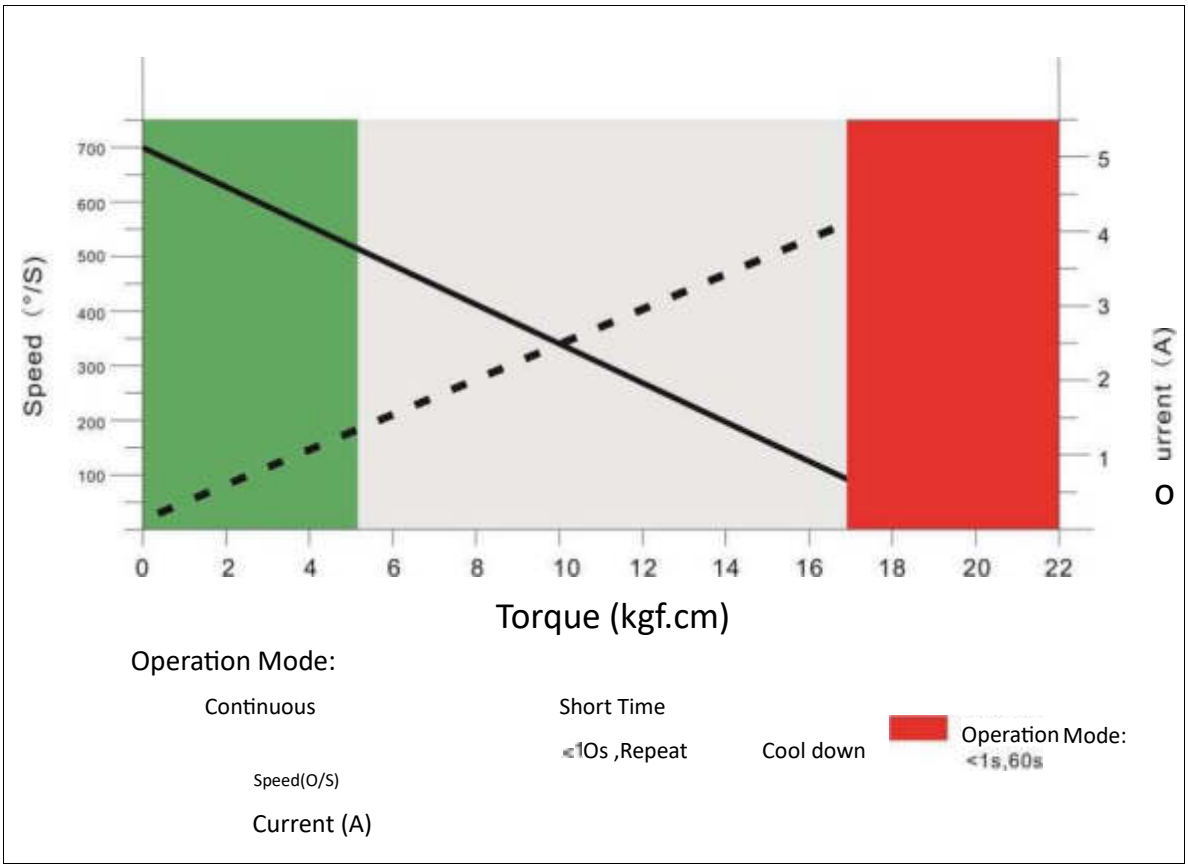




Content is subject to change without nc

Operating Data

	BLS815 V8.0
Operation Voltage(rated)	DC7.4V
Operation Voltage Range	DC6V-8.4V
Stalling Torque	14kg.cm@6.OV
	17Kg.cm@7.4V
	20Kg.cm@8.4V
Speed	0.09sec/60C@6.ov
	O. 08sec/60 ᶜ@7.4V
	0.07sec/60℃@8.4V
Travel Angle	± 50 ⁰ when 1000-2000us
Operating Temperature Range	-20℃·····+65℃



PWM Command Signal

PWM	BLS815 V8.0
Signal Voltage	TTL-Level: HIGH:min.3.3V,max.5.0V TTL-Level: Low:min.0.0V,max.0.5V
Pulse Lengths	900-21 OOus
Pulse Lengths for Position -50 ^{0} /center/+50	1 OOOus/1500us/2000us
Resolution	<=2us

Materials and protective features

Case Material	Aluminum Alloy
Motor Type	Brushless
Gear Set Material	Hardened steel
Position Sensor	Potentiometer
Position Feedback	Optional
Connecting Cable	22AWG

Dimensions

Case Dimensions	40.5*20*38mm
Weight	73g