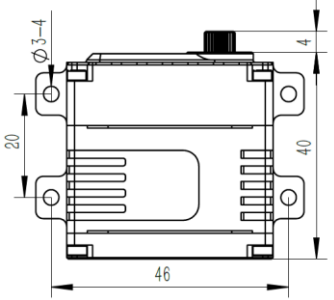
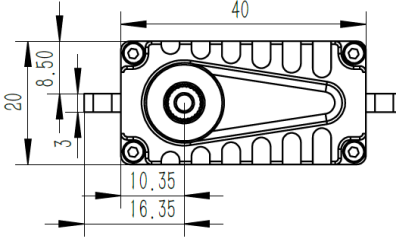
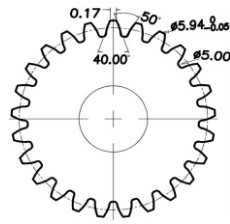
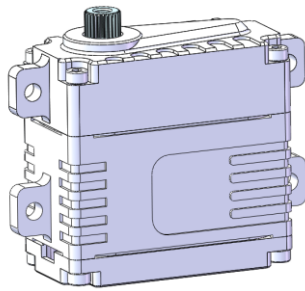


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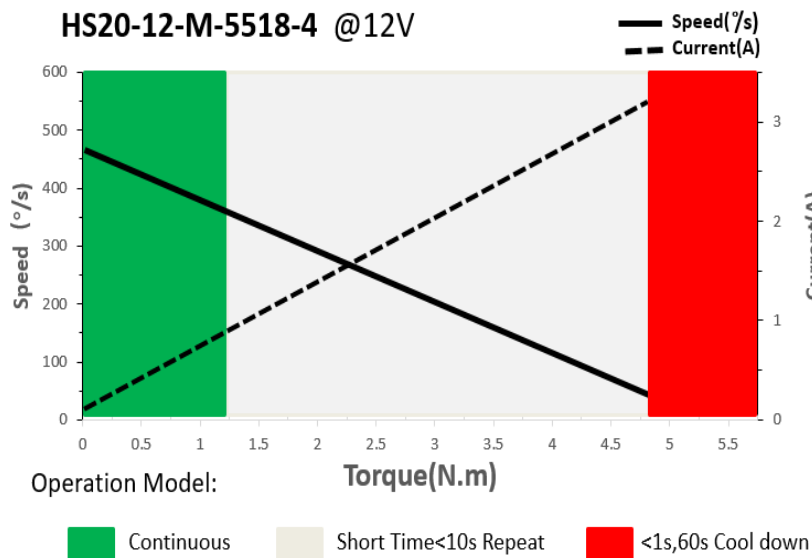


25T 6mm Output Shaft Spline

1. Operating Data

Rated Voltage	DC12.0V	Default Travel Angle	± 100°=200°Total When 500us-2500us
Voltage Range	DC9.0V-13V	Temperature Range	-40°C.....+65°C
Stalling Torque	4.8N.m@12V	Case Material	Aluminum Alloy
Rated Torque	1.2N.m@12V	Motor Type	Brushless DC Motor
Stalling Current	3.25A	Gear Set Material	Hardened Steel
Rated Current	0.85A	Position Sensor	Contactless
No-load Speed	0.14sec/60°@12V	Ball Bearing	6 BB
Rated Speed	0.25sec/60°@12V	Case Dimensions	40mm*20mm*40mm±0.2mm
Working Frequency	1520us/333Hz	Weight	80g±10%

2. Performance



3. Command signal

3.1. RS422 Command Interface

Baud-Rate	115200 ±1.5% bits/s
Protocol (Documentation available)	10 Byte (incl. 1 byte Check Sum)

3.2. RS422 Protocol Specifications

Number of Data Bits	8
Number of Stop Bits	1
Parity	None

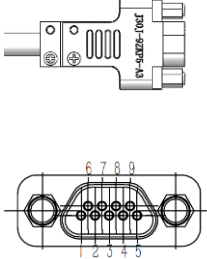
3.3. Command / Response Frame

Byte #	Description	Byte #	Description
1	Frame Head(0xFE)	6	Data
2	Version(0xCA)	7	Data
3	Address	8	Data
4	Command code	9	Check Sum
5	Data	10	(0A) Frame End

3.4. Feedback Singnal

Integrated in the Bus protocol a Feedback Value, including the Angle position, Temperature, current value. Value read by sending request command. Provide the details of the bus in the document.

4. Electrical Connection

Assignment RS422 (Industrial Standard J30J-9ZKP (External) electrical Connector)		
	1	DC + (Supply Voltage)
	2	
	3	NC (Do not connect)
	4	
	5	DC- (Supply Ground)
	6	RX+
	7	RX-
	8	TX+
	9	TX-

5. Accessories (Options)

Item	Item-No.
Aluminum Servo Arm (Single side)	0625.11
Aluminum Servo Arm (Single side)	0625.23
Aluminum Servo Arm (Single side)	0625.40
Aluminum Servo Arm (Double side)	0625.60

6. Item Number System

