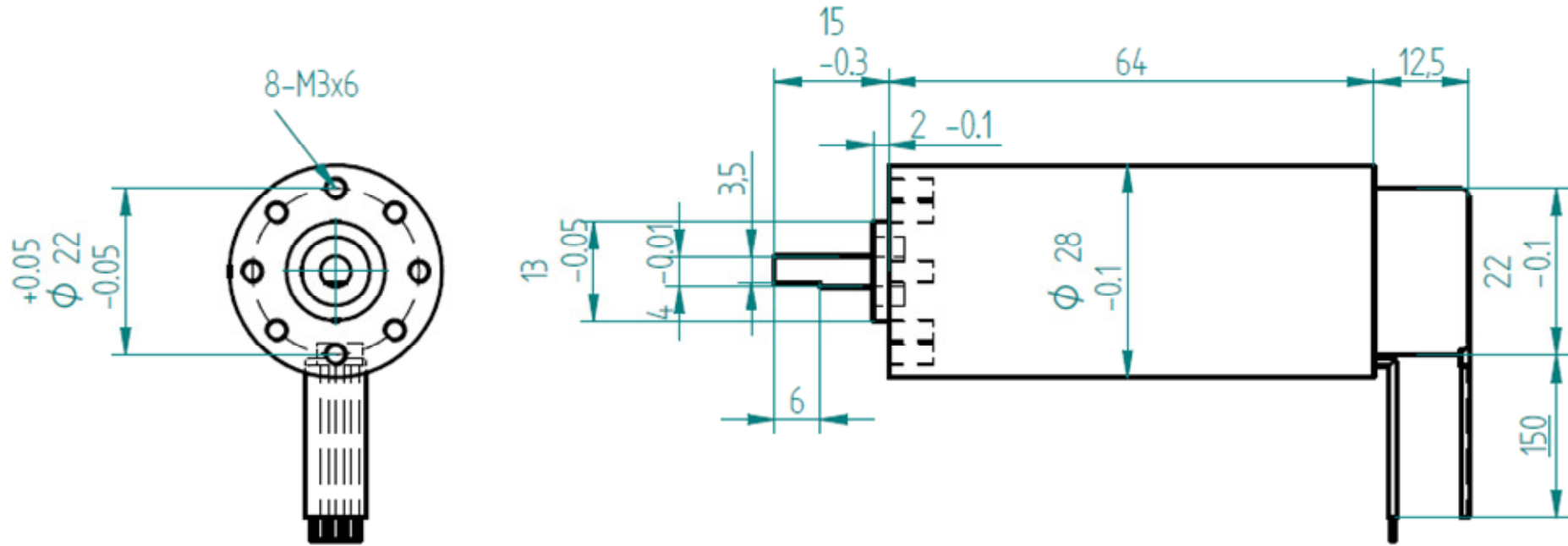


Unit: millimeter

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



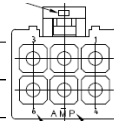
MOTOR SPECIFICATION

Nominal Power	45W
Nominal Voltage	24VDC
Nominal Speed	6400rpm
Nominal Torque	68mNm
Normal Current	2.5A
No-load Speed	8000rpm
No-load Current	0.1A
Stall Current	12A
Amateur Resistance	2.1ohm
Amateur Inductance	0.46mH
Torque Constant	30mNm/A
Back EMF Constant	3.1V/kRPM
Encoder Resolution	1000 PPR

Motor Connector

AMP 172168-1 AWG24 100mm

Pin	Color	Signal
1	Black	U
2	Black	V
3	-	
4	Black	W
5	-	
6	-	



Hall Sensor Connection

AMP 794617-6 AWG24 100mm

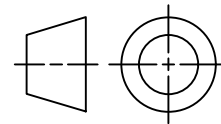
Pin	Color	Signal
1	Black	0V (Hall)
2	Black	HU
3	-	
4	Black	5V (Hall)
5	Black	HV
6	Black	HW



Encoder Connection

AMP 794617-6 AWG24 150mm

Pin	Color	Signal
1	Black	0V (Hall)
2	Black	CH A
3	-	
4	Black	5V (Hall)
5	Black	CH B
6	Black	INDEX



BLM-2864R-24-OE1000 Brushless Coreless Motor

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Tel: (65)65703826 Fax: (65)68264171



DRAWN Sunny

SIZE

A4

FSCM NO

DWG NO

2019.01

SCALE

SHEET

1 OF 2

