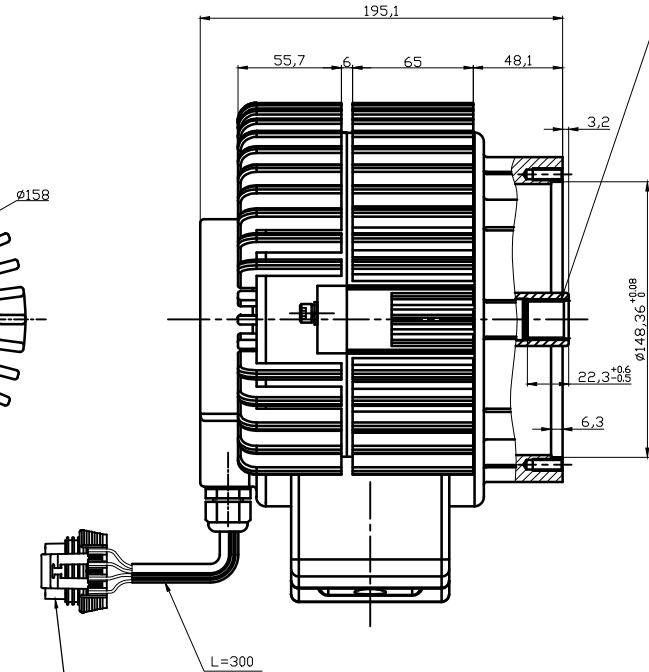
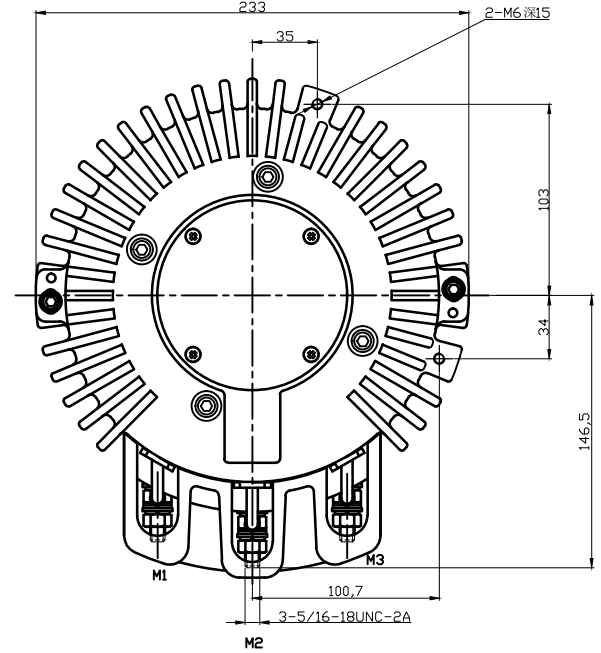


英制8-1/4-20深16
(8x1/4-20 TAP .63 DP)

Ø156.4



19个齿的渐开线花键, 45° 角,
24/48, 中径20.1083,
公差等级5, 按美国国家标准协会
B9. 21-1970, R1993
(19 TEETH, 45° P.A. 24/48
PITCH SPLINE .7917 PITCH DIA.
TOL. CLASS 5 PER ANSI
B92.1-1970, R1993)



NOTES:

- CW(from shaft)
- Turns IS 20 PER PHASE
- Front bearing: NTN6006 LLUC3/5K (Made in Japan)
- USE RLS(www.rls.si) ENCODER
sine/cosine encoder:RMB29AC01SS1
magnetic actuator:RMH06 A3A02
- Product to be shipped in plain white box, styrofoam packaging
Include Dyno Plot in box.
- Box to be marked: Part Number: ME1202
Made in China
- Magnets:150 °C
- Sensor Timing:with BEMF oscilloscope probe attached to M1 and ground probe attached to M2,the BEMF rising edge zero cross should lead the sine wave(sensor pin A to sensor pin C gnd)zero cross by 20 electrical degrees of the BEMF waveform. Alternatively if timing the sensor using a Sevcon controller,the encoder position should be within +/-3 degrees of 0.
- Motor Phase Resistance is 0.0048Ω
- Motor inductance at 100Hz is 0.08mH
- Sensor magnet is to be 2.5mm to 3mm from the sensor mounting face. The minimum amplitude for the sensor is 2.0-2.6 volts AC,peak to peak.
- Class H insulation system.
- Zip tie to be installed on sensor wire inside sensor cavity providing strain relief and to prevent heat shrink from off exposing shield wires
- Silicone glue KDWV-3582 is to be applied surrounding the sensor chip filling the space in the disk up to the surface of the chip on the sensor ensuring all chip connections are completely submerged. Once timed,the connector side of the sensor board is to be coated with the glue,covering the entire board/connector and ensuring good coverage around the sensor cable hole and PCB mounting disk joints.

8 pin Metri-pack 150 series
Connector:12047937
Terminal Position Assurance:15324525
Terminal:12084200
Cable Seal:15324973
Seal:12059168-B

NAMECARD DATA
PART # ME1202
DATE CODE XXXXXX
SERIAL #:XX.XX.XXXX
Motenergy, Inc.
Slinger, WI USA

1. sine/cosine encoder

PIN LOCATION 插孔点	WIRE DESIGNATION 导线标记	WIRE COLOR 导线颜色
A	Sine (正弦)	BLUE 蓝
B	Cosine (余弦)	WHITE 白
C	Ground (0)	BLACK 黑
D	N/C	
E	Va (-5V)	RED 红
F	Shield (保护)	GREEN 绿
G	Temp1	WHITE (-) 白
H	Temp2	WHITE (+) 白

REV.	CHANGES	BY	ECO NO.	DATE	DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1994	MATERIAL	TITLE	Motenergy, Inc Slinger, WI USA	
-	-	-	-	-	DO NOT SCALE THIS DRAWING	-	OUTLINE	-	
-	-	-	-	-	THIS DRAWING IS PROPRIETARY PROPERTY OF MOTENERGY, INC.	-	DRAWN: lxp	12.11.22	DESIGN VENDOR: -
-	-	-	-	-	CORPORATION DISCLOSED IN CONFIDENCE.	-	APPR: -	-	0JTW. 302. 039
-	-	-	-	-	WHICH MAY NOT BE USED OR DISCLOSED WITHOUT PERMISSION. RETURN PROMPTLY AFTER USE.	-	DEPT: -	-	REV: 1
-	-	-	-	-	CLASSIFICATION OF CHARACTERISTICS	-	SCALE: -	-	1
-	-	-	-	-	CRITICAL (C):	SIN: -	-	-	-
-	-	-	-	-	EMMISSIONS (E):	MODEL NO: -	-	-	-
-	-	-	-	-	MAJOR (M):	SIM TO: -	-	-	-