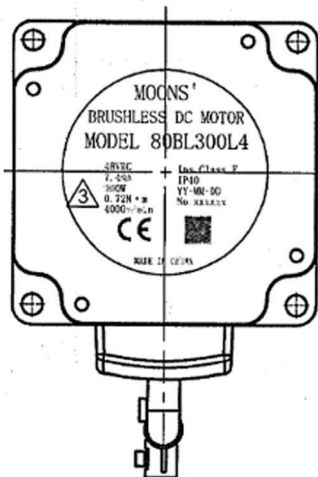
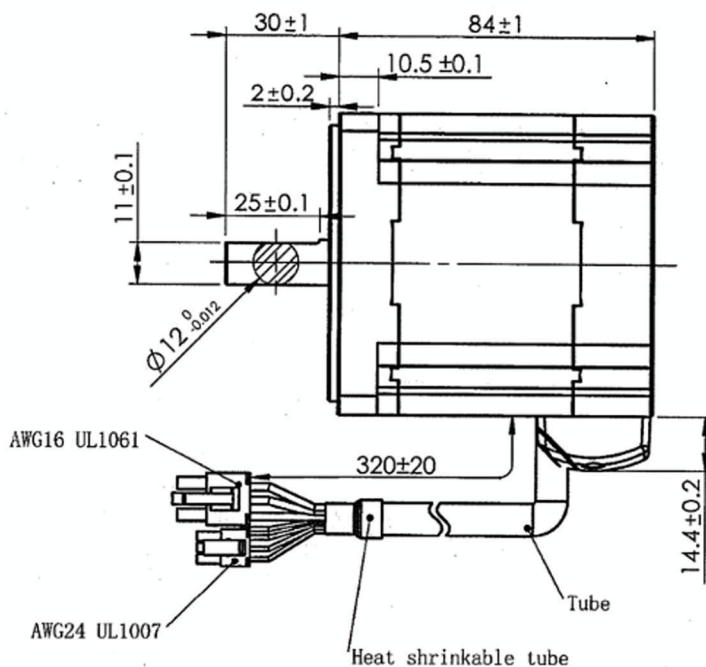


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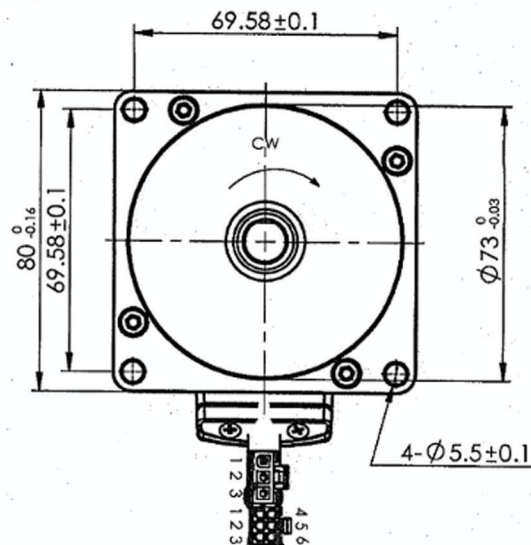
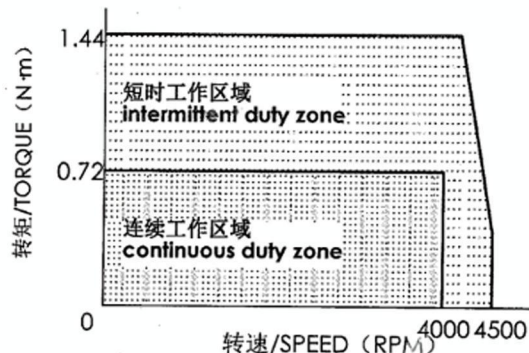
规格 Specifications

1	额定电压/Rated power supply	48	VDC
2	额定输出功率/Rated output power	300	W
3	极数/Poles number	8	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	4000	RPM
6	最大转速/Maximum speed	4500	RPM
7	额定转矩/Rated torque	0.72	N·m
8	额定电流/Rated winding current	7.49	A
9	线反电动势/Voltage constant±10%	7.03	Vrms/krpm
10	惯量/Moment of inertia	1.08x10 ⁻⁴	kg·m ²
11	线电阻/Ph/ph resistance±15%at20° C	0.2	Ω
12	线电感Ph/ph inductance±30%at1KHz20° C	0.47	mH
13	电机质量/Motor mass	2.56	KG
14	绝缘等级/Insulation class	E	120° C
15	防护等级/Protective enclosure rating	IP40	



转矩-转速特性

Torque-speed specifications



Housing:
MOLEX 39-01-4031 (White)

Terminal:
MOLEX 39-00-0207

Housing:
MOLEX 43025-0600 (Black)

Terminal:
MOLEX 43030-0005

Pin No.	线色 COLOR	定义 FUNCTION
1	蓝/blue	W
2	橙/orange	U
3	黄/yellow	V

Pin No.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	黄/yellow	Hv
4	蓝/blue	Hw
5	黑/black	GND
6	橙/orange	Hu

Unit: mm

第一角画法
FIRST ANGLE METHOD

未注线性与角度尺寸公差
Tolerances for linear and angular dimensions without individual tolerance indications
GB/T 1804-m eqv ISO 2768-1: m

未注形状与位置尺寸公差
Geometrical tolerance for features without individual tolerance indications
GB/T 1184-K eqv ISO 2768-2: K

批准 Approve

标准化 Standard

工艺 Technology

审核 Check

设计 Design

NAMES

SIGNATURE

DATE

MOONS'

Shanghai Moons' Electric Co., Ltd.

BRUSHLESS DC MOTOR

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Type: 80BL300L4

Rev. D SCALE 1:2 Sheet 1 of 1

D	0.72N·M	2016-07-12
C	更新版本 Revision updated	2014-04-21
B	更新版本 Revision updated	2013-10-16
A	原始版本 Original revision	2013-06-03
REV.	版本记录 REVISION RECORD	DATE

UNLESS OTHERWISE SPECIFIED