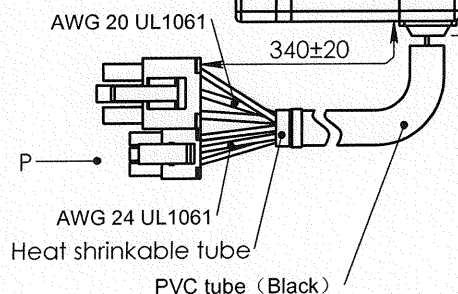
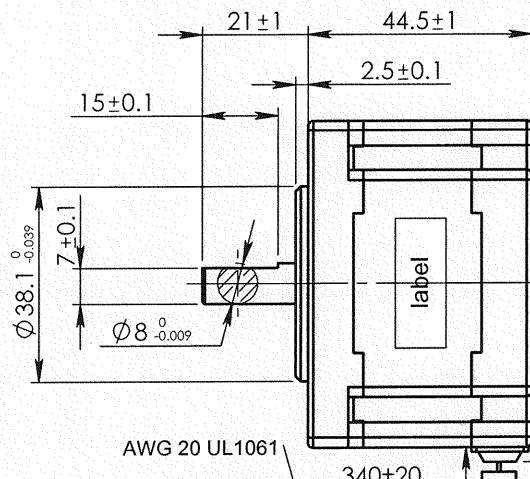
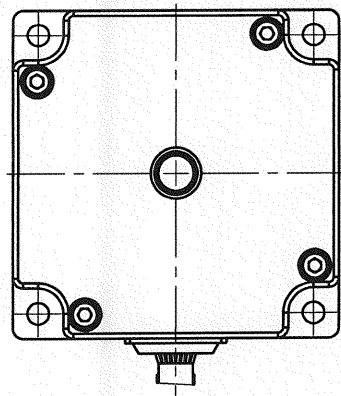
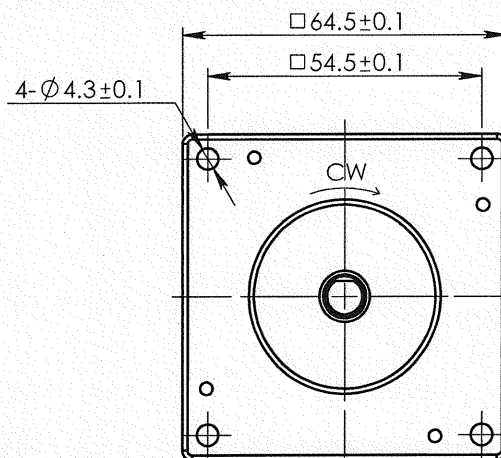
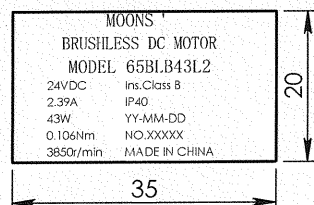


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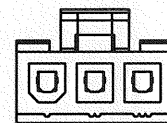
电机铭牌 Label Detail



Housing: MOLEX 39-01-4031 (White)
Terminal: MOLEX 39-00-0207

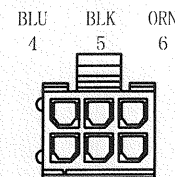
Housing: MOLEX 43025-0600 (Black)
Terminal: MOLEX 43030-0005

P向

MOLEX
39-01-40311 2 3
BLU ORN YEL

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

P向

MOLEX
43025-06001 3 5 6
RED YEL

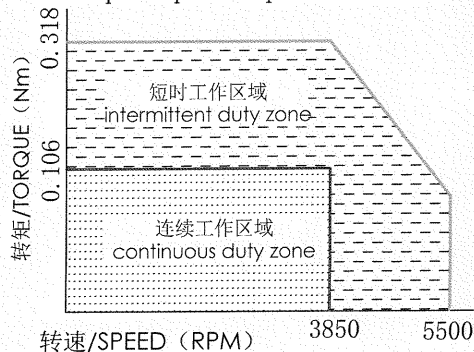
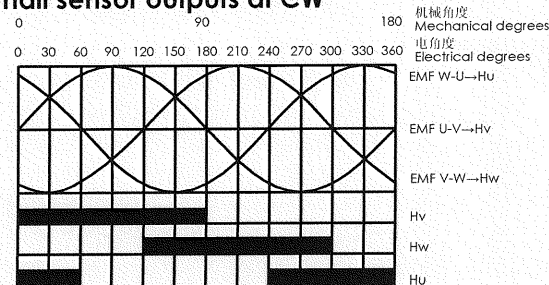
编号 NO.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	黄/yellow	Hv
4	蓝/blue	Hw
5	黑/black	GND
6	橙/orange	Hu

规格
Specifications

1	额定电压/Rated power supply	24	VDC
2	额定输出功率/Rated output power	43	W
3	极数/poles	4	
4	相数/Phase	3	
5	额定转速/Rated rotational speed	3850	RPM
6	最大转速/Maximum speed	5500	RPM
7	额定转矩/Rated torque	0.106	Nm
8	额定电流/Rated winding current	2.39	A
9	线反电势系数/Voltage constant±10%	3.2	Vrms/krpm
10	惯量/Moment of inertia	1.0x10 ⁻⁵	kgm ²
11	线电阻Ph/ph resistance±0.1Ω at 20℃	0.37	Ω
12	线电感Ph/ph inductance±30% at 1kHz 20℃	1.0	mH
13	电机质量/Motor mass	0.52	kg
14	绝缘等级/Insulation class	B	130℃
15	防护等级/Protective enclosure rating	IP40	

转矩-转速特性

Torque-speed specifications

线反电势与霍尔相位关系图 (顺时针)
Relation between phase EMF's and
hall sensor outputs at CW

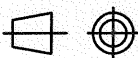
Unit: mm

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

MOONS'

Shanghai Moons' Electric Co., Ltd.

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REV. 版本记录 REVISION RECORD DATE

UNLESS OTHERWISE SPECIFIED

NAMES

SIGNATURE

DATE

Type: 65BLB43L2

Rev.A

SCALE 1:1.5 Sheet 1 of 1