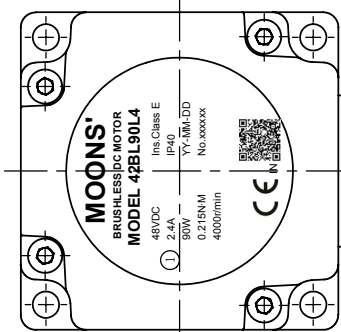


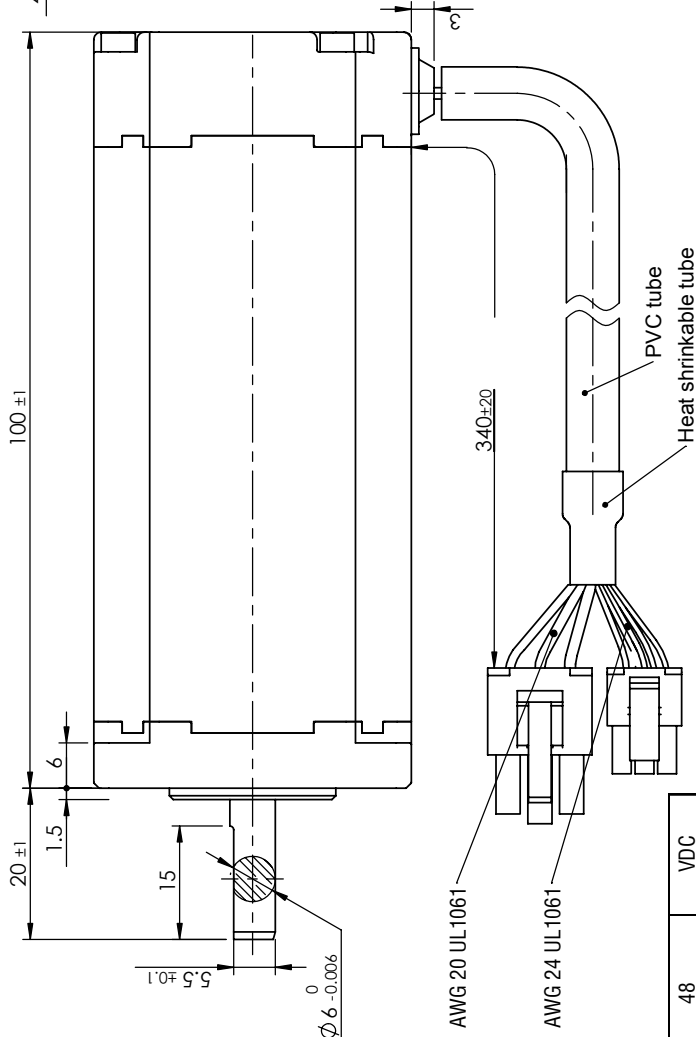
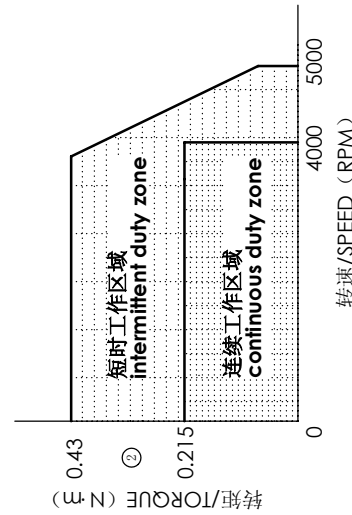
4611130000003



规格 Specifications

1	额定电压/Rated power supply	48	VDC
2	额定输出功率/Rated output power	90	W
3	极数/Poles number	6	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	4000	RPM
6	最大转速/Maximum speed	5000	RPM
7	额定转矩/Rated torque	0.215	N · m
8	额定电流/Rated winding current	2.40	A
9	线反电势系数/Voltage constant±10%	6.10	Vrms/krpm
10	惯量/Moment of inertia	0.114x10 ⁻⁴	kg · m ²
11	线电阻Ph/ph resistance±10% at 20℃	1.47	Ω
12	线电感Ph/ph inductance±30% at 1KHz 20℃	1.57	mH
13	电机质量/Motor mass	0.83	kg
14	绝缘等级/Insulation class	E	120℃
15	防护等级/Protective enclosure rating	IP40	

转矩-转速特性 Torque-speed specifications



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

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

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

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

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		Rev. B	
标准 Standard		标准化 Standard		1:1	
工艺 Technology		工艺 Technology		SCALE	
审核 Check		审核 Check		Sheet 1 of 1	
设计 Design		设计 Design		8	
2013-04-10		2013-04-10		8	
颜科		颜科		8	
NAMES		SIGNATURE		8	
DATE		DATE		8	
UNLESS OTHERWISE SPECIFIED		UNLESS OTHERWISE SPECIFIED		8	
3		3		8	
2		2		8	
1		1		8	

MOONSHI Shanghai Moons' Electric Co., Ltd.		BRUSHLESS DC MOTOR	
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REV.		REV.	
变更规格 Specification updated		变更规格 Specification updated	
原始版本 Original revision		原始版本 Original revision	
2012-05-28		2012-05-28	
2013-04-10		2013-04-10	
DATE		DATE	
REVISION RECORD		REVISION RECORD	
2		2	
1		1	