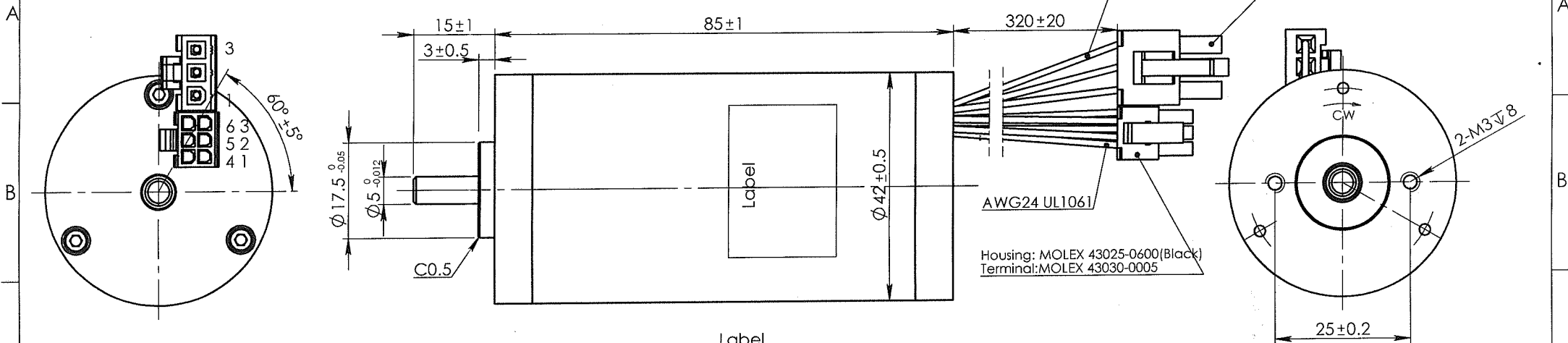
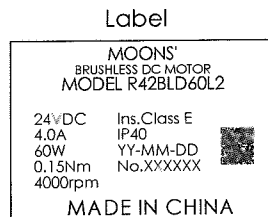


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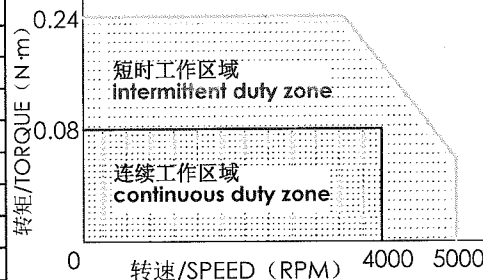


## 规格 Specifications

1	额定电压/Rated power supply	24	VDC
2	额定输出功率/Rated output power	60	W
3	极数/Poles number	8	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	4000	RPM
6	空载转速/No load speed	4500	RPM
7	额定转矩/Rated torque	0.15	Nm
8	额定电流/Rated winding current	4.00	A
9	线反电势系数/Voltage constant±10%	3.00	Vrms/krpm
10	线电阻Ph/ph resistance±10% at 20℃	0.71	Ω
11	线电感Ph/ph inductance±30% at 1KHz 20℃	0.80	mH
12	电机质量/Motor mass	0.50	kg
13	绝缘等级/Insulation class	E	120℃
14	防护等级/Protective enclosure rating	IP40	

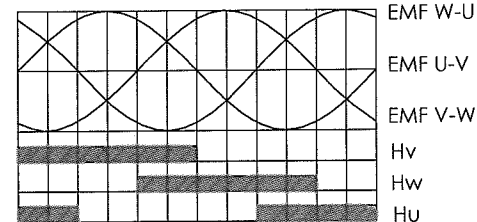


## 转矩-转速特性 Torque-speed specifications




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

0	22.5	45	67.5	90	机械角度 /Mechanical degrees
0	90	180	270	360	电角度 /Electrical degrees



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

编号 No.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	黄/yellow	Ilv
4	蓝/blue	Ilw
5	黑/black	GND
6	橙/orange	IlU

F	G			Unit: mm			<b>MOONS'</b>		<b>BRUSHLESS DC MOTOR</b>		
	F			第一角画法 FIRST ANGLE METHOD		批准 Approve					
	E			未注线性与角度尺寸公差 Tolerances for linear and angular dimensions without individual tolerance indications		标准化 Standard					
	D			GB/T 1804-m eqv ISO 2768-1 : m		工艺 Technology					
	C			未注形状与位置尺寸公差 Geometrical tolerance for features without individual tolerance indications		审核 Check					
	B			GB/T 1184-K eqv ISO 2768-2 : K		设计 Design					
A	原始版本 Original Revision	2018-5-24					This document is released for information only. Its reproduction in whole or in part or its dissemination to third parties is prohibited. All trademarks and registered trademarks appearing on this document are the property of their respective owners.				
REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Type: R42BLD60L2	Rev. A	SCALE 1:1	Sheet 1 of 1	