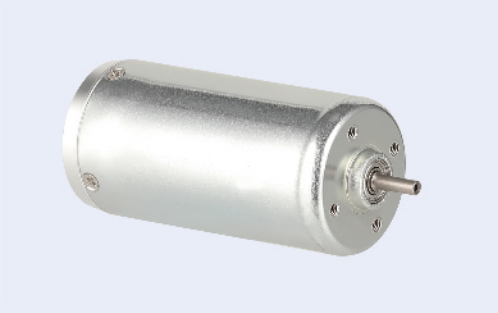
外径32mm直流无刷电机

32mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

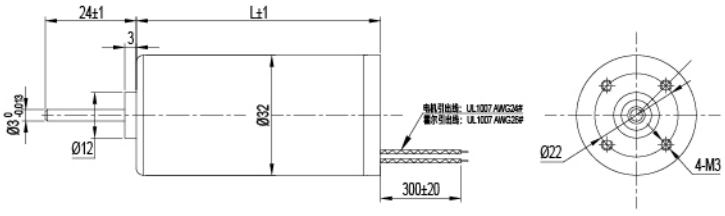
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

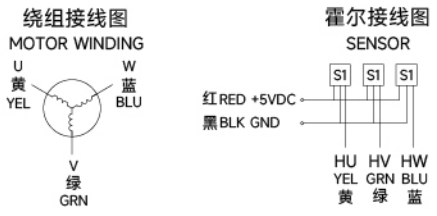
型号 Model	32BLY65-238-001
极数 Number of Poles	4
相数 Number of Phases	3
额定电压 Nominal voltage VDC	24
额定转速 Rated speed RPM	3800 (±10%)
额定扭矩 Rated Torque N-m	0.04
额定电流 Rated Current Amps	1.5
输出功率 Output Power Watts	16
峰值扭矩 Peak Torque N-m	0.12
峰值电流 Peak Current Amps	4.5
电机长度 Body Length (L) mm	65
力矩常数 Torque constant N-m/A	0.027
反电势常数 Back EMF Vrms/k RPM	3
转动惯量 Rotor inertia g·cm²	17.6
重量 Mass kg	0.24

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

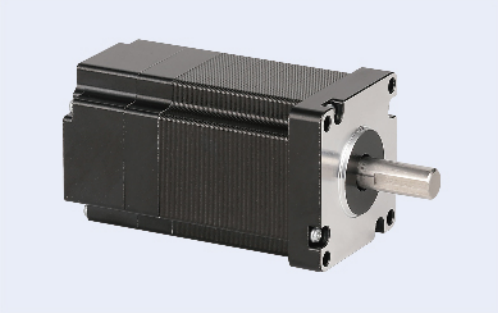


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外径42mm直流无刷电机

42mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

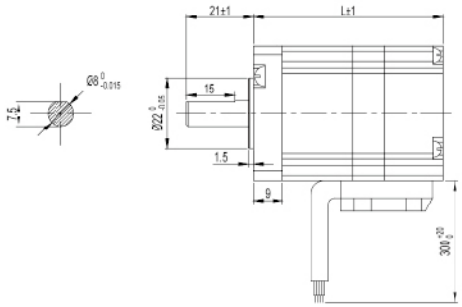
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

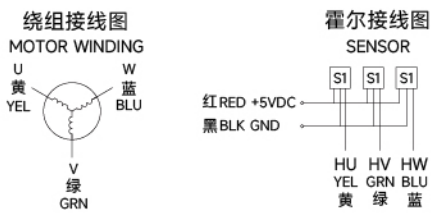
型号 Model	42BLFC60-230-001	42BLFC75-230-001	42BLFC90-230-001
极数 Number of Poles		8	
相数 Number of Phases		3	
额定电压 Nominal voltage VDC	24	24	24
额定转速 Rated speed RPM		3000 (±10%)	
额定扭矩 Rated Torque N-m	0.08	0.15	0.25
额定电流 Rated Current Amps	1.9	3.1	4.9
输出功率 Output Power Watts	25	47	78
峰值扭矩 Peak Torque N-m	0.24	0.45	0.75
峰值电流 Peak Current Amps	5.7	9.3	14.7
力矩常数 Torque constant N-m/A	0.042	0.048	0.051
反电势常数 Back EMF Vrms/k RPM	3.78	3.93	3.92
转动惯量 Rotor inertia kg·cm²	37.3	60.1	81.5
电机长度 Body Length (L) mm	60	75	90
重量 Mass kg	0.36	0.5	0.65

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

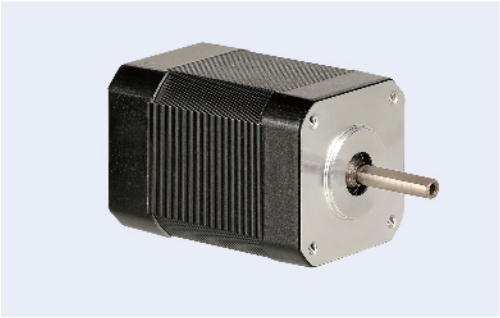


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外径42mm直流无刷电机

42mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

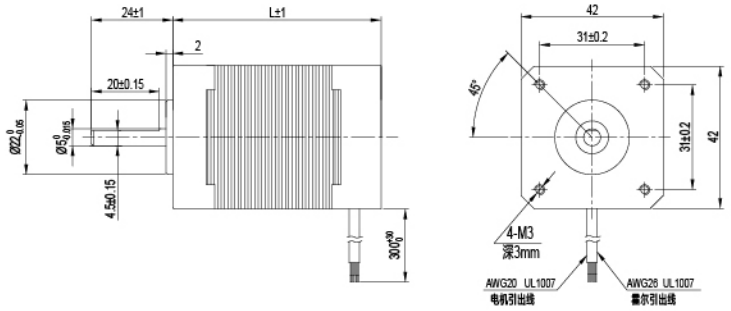
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

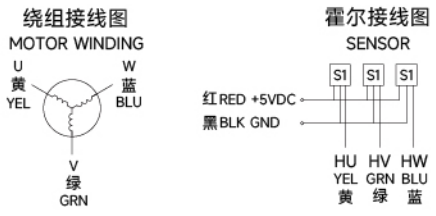
型号 Model	42BLF40-240-024	42BLF60-240-002	42BLF80-240-002	42BLF100-240-003
极数 Number of Poles	8			
相数 Number of Phases	3			
额定电压 Nominal voltage VDC	24	24	24	24
额定转速 Rated speed RPM	4000 (±10%)			
额定扭矩 Rated Torque N-m	0.0625	0.13	0.188	0.25
额定电流 Rated Current Amps	1.9	3.1	4.5	6.2
输出功率 Output Power Watts	26	54	78	104
峰值扭矩 Peak Torque N-m	0.18	0.39	0.55	0.75
峰值电流 Peak Current Amps	5.7	9.3	13.5	18.6
力矩常数 Torque constant N-m/A	0.0329	0.042	0.042	0.040
反电势常数 Back EMF Vrms/k RPM	3.79	3.22	3.92	3.9
转动惯量 Rotor inertia kg·cm²	66	116	164	217
电机长度 Body Length (L) mm	40	60	80	100
重量 Mass kg	0.27	0.5	0.65	0.85

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



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外径42mm直流无刷电机

42mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

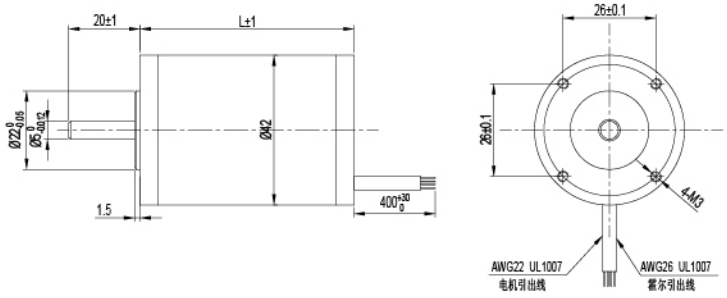
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

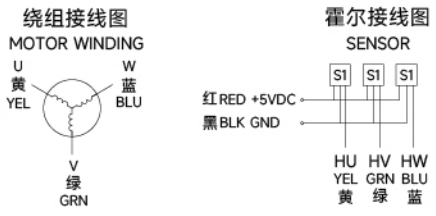
型号 Model	42BLY60-230-001	42BLY75-230-002
极数 Number of Poles	4	
相数 Number of Phases	3	
额定电压 Nominal voltage VDC	24	24
额定转速 Rated speed RPM	3000 (±10%)	
额定扭矩 Rated Torque N-m	0.07	0.16
额定电流 Rated Current Amps	1.3	2.8
输出功率 Output Power Watts	22	50
峰值扭矩 Peak Torque N-m	0.21	0.48
峰值电流 Peak Current Amps	3.9	8.4
力矩常数 Torque constant N-m/A	0.054	0.057
反电势常数 Back EMF Vrms/k RPM	4.37	4.55
转动惯量 Rotor inertia $kg \cdot cm^2$	37.2	45.6
电机长度 Body Length (L) mm	60	75
重量 Mass kg	0.39	0.46

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

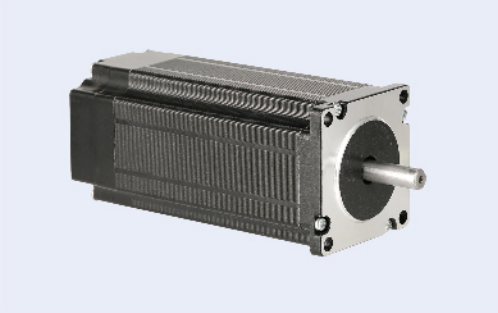


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外径57mm直流无刷电机

57mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

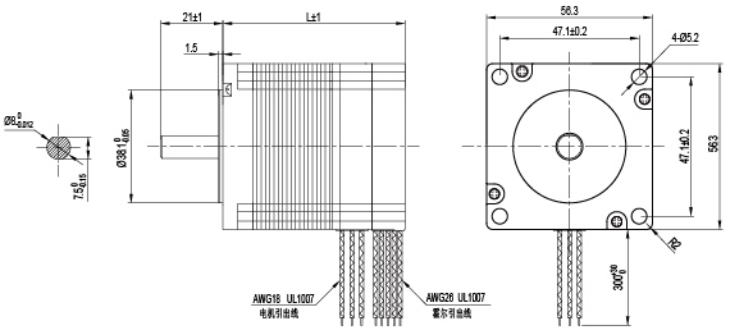
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

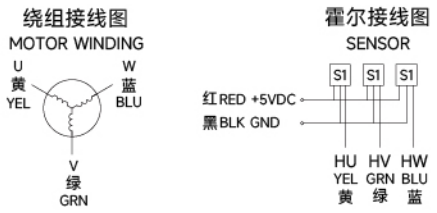
型号 Model	57BLF60-230-001	57BLF80-230-001	57BLF101-230-001	57BLF122-430-001
极数 Number of Poles	8			
相数 Number of Phases	3			
额定电压 Nominal voltage VDC	24	24	24	48
额定转速 Rated speed RPM	3000 (±10%)			
额定扭矩 Rated Torque N-m	0.2	0.4	0.6	0.8
额定电流 Rated Current Amps	3.9	7.5	11.5	6.6
输出功率 Output Power Watts	62	125	188	250
峰值扭矩 Peak Torque N-m	0.6	1.2	1.8	2.4
峰值电流 Peak Current Amps	11.7	22.5	34.5	19.8
力矩常数 Torque constant N-m/A	0.051	0.053	0.052	0.121
反电势常数 Back EMF Vrms/k RPM	4.36	4.08	4.71	9.04
转动惯量 Rotor inertia g·cm²	184	331	468	602
电机长度 Body Length (L) mm	61	82.5	103	124
重量 Mass kg	0.6	0.92	1.23	1.6

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

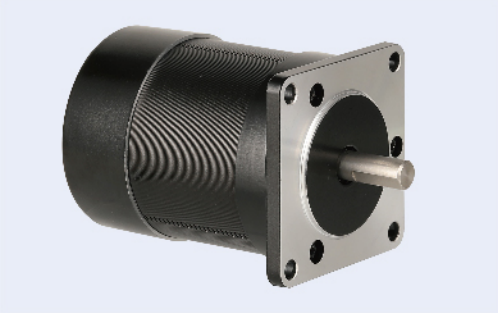


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外径57mm直流无刷电机

57mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

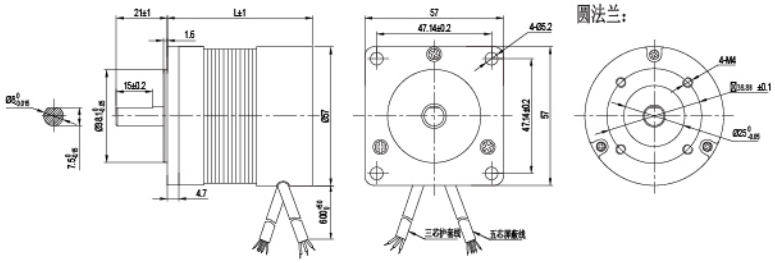
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

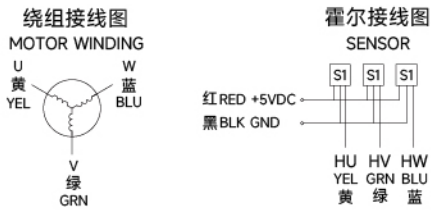
型号 Model	57BLY45-230-009	57BLY55-230-001	57BLY75-230-001	57BLY95-230-001	57BLY115-230-001
极数 Number of Poles	4				
相数 Number of Phases	3				
额定电压 Nominal voltage VDC	24	24	24	24	24
额定转速 Rated speed RPM	3000 (±10%)				
额定扭矩 Rated Torque N-m	0.055	0.11	0.22	0.33	0.45
额定电流 Rated Current Amps	1.2	2.2	4.1	5.9	7.7
输出功率 Output Power Watts	17	35	70	105	140
峰值扭矩 Peak Torque N-m	0.165	0.33	0.66	0.99	1.35
峰值电流 Peak Current Amps	3.6	6.6	12.3	17.7	23.1
力矩常数 Torque constant N-m/A	0.046	0.05	0.054	0.056	0.058
反电势常数 Back EMF Vrms/k RPM	4.28	3.91	4.13	4.16	4.68
转动惯量 Rotor inertia $g \cdot cm^2$	68	84	145	209	268
电机长度 Body Length (L) mm	45	55	75	95	115
重量 Mass kg	0.4	0.5	0.72	1.0	1.24

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

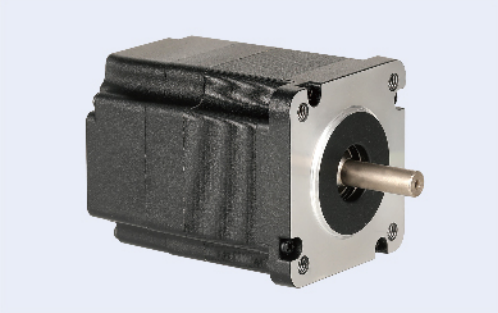


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外径60mm直流无刷电机

60mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

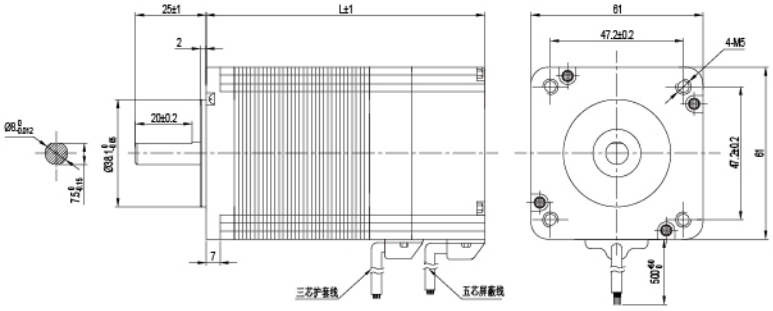
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

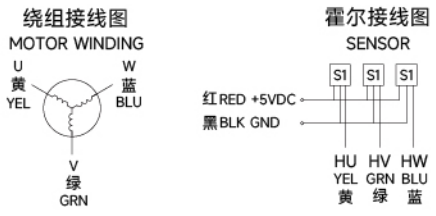
型号 Model	60BLFA78-430-003	60BLFA99-430-006	60BLFA120-430-004	60BLFA141-430-010
极数 Number of Poles	8			
相数 Number of Phases	3			
额定电压 Nominal voltage VDC	48	48	48	48
额定转速 Rated speed RPM	3000 (±10%)			
额定扭矩 Rated Torque N-m	0.32	0.65	0.95	1.28
额定电流 Rated Current Amps	3.2	5.3	8.3	11.5
输出功率 Output Power Watts	100	200	300	400
峰值扭矩 Peak Torque N-m	0.96	1.95	2.85	3.84
峰值电流 Peak Current Amps	9.6	15.9	24.9	34.5
力矩常数 Torque constant N-m/A	0.1	0.123	0.114	0.111
反电势常数 Back EMF Vrms/k RPM	8.01	8.79	8.75	8.88
转动惯量 Rotor inertia kg·cm²	0.31	0.58	0.79	1.01
电机长度 Body Length (L) mm	78	99	120	141
重量 Mass kg	0.85	1.25	1.7	2.1

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

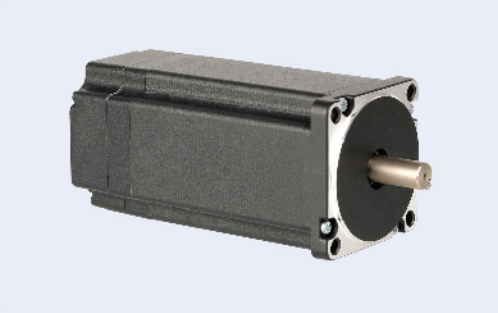


我们可以根据客户要求定制电机的电气参数、电机输出轴尺寸等形状，也可以增配行星减速箱、编码器等，查看更多产品信息请浏览公司网站：www.zz-motor.com
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外径70mm直流无刷电机

70mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

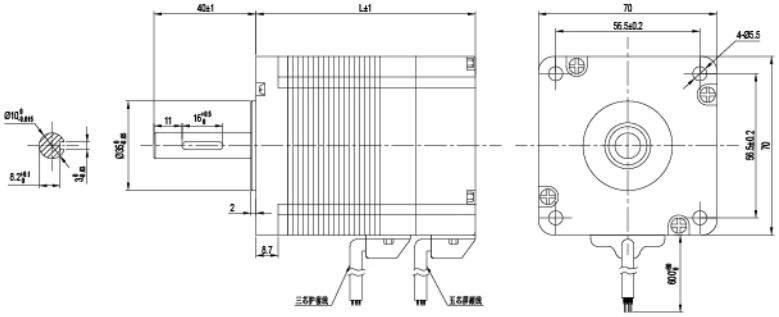
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

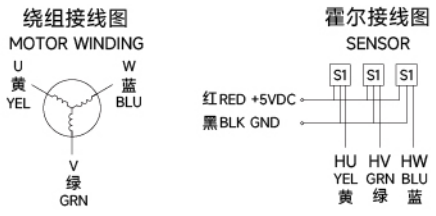
型号 Model	70BLF86-430-001	70BLF116-430-001	70BLF146-430-001
极数 Number of Poles		8	
相数 Number of Phases		3	
额定电压 Nominal voltage VDC	48	48	48
额定转速 Rated speed RPM		3000 (±10%)	
额定扭矩 Rated Torque N-m	0.53	1.1	1.5
额定电流 Rated Current Amps	4.5	9.5	13
输出功率 Output Power Watts	166	345	471
峰值扭矩 Peak Torque N-m	1.59	3.3	4.5
峰值电流 Peak Current Amps	13.5	28.5	39
力矩常数 Torque constant N-m/A	0.118	0.116	0.115
反电势常数 Back EMF Vrms/k RPM	8.87	9.07	8.38
转动惯量 Rotor inertia kg·cm²	0.56	0.99	1.4
电机长度 Body Length (L) mm	86	116	146
重量 Mass kg	1.3	2.0	2.8

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

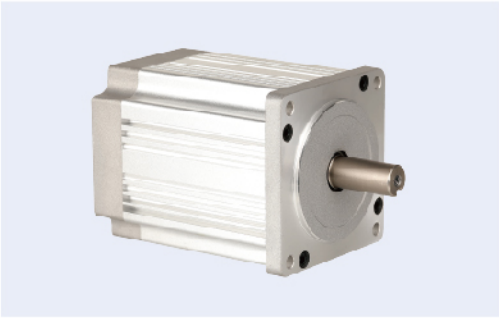


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外径80mm直流无刷电机

80mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

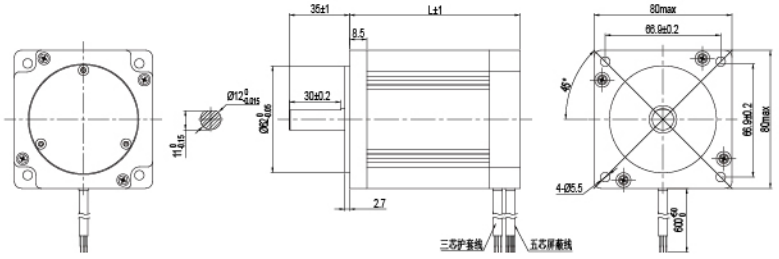
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

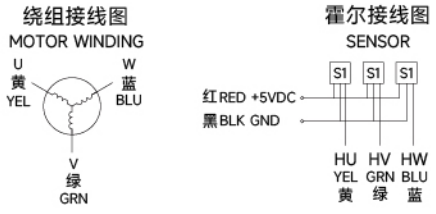
型号 Model	80BLF86-430-001E	80BLF106-430-001E	80BLF126-430-001E
极数 Number of Poles		8	
相数 Number of Phases		3	
额定电压 Nominal voltage VDC	48	48	48
额定转速 Rated speed RPM		3000 (±10%)	
额定扭矩 Rated Torque N-m	0.5	0.75	1.2
额定电流 Rated Current Amps	4.1	5.7	9.4
输出功率 Output Power Watts	157	235	376
峰值扭矩 Peak Torque N-m	1.5	2.25	3.6
峰值电流 Peak Current Amps	12.3	17.1	28.2
力矩常数 Torque constant N-m/A	0.122	0.132	0.128
反电势常数 Back EMF Vrms/k RPM	8.86	9.54	9.77
转动惯量 Rotor inertia kg·cm²	0.53	0.84	1.17
电机长度 Body Length (L) mm	86	106	126
重量 Mass kg	1.4	2	2.5

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

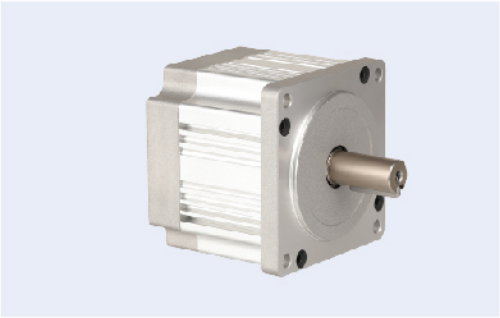


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外径80mm直流无刷电机

80mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

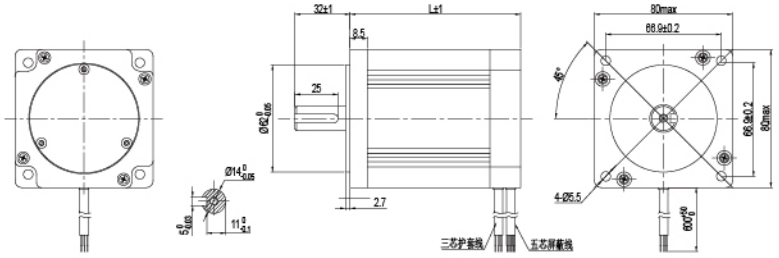
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

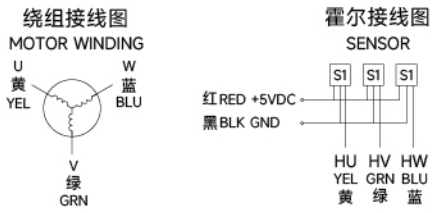
型号 Model	80BLF70-430-001E	80BLF82-430-001E	80BLF92-430-001E
极数 Number of Poles	8		
相数 Number of Phases	3		
额定电压 Nominal voltage VDC	48	48	48
额定转速 Rated speed RPM	3000 (±10%)		
额定扭矩 Rated Torque N-m	0.4	1.1	1.5
额定电流 Rated Current Amps	3.8	8.5	13
输出功率 Output Power Watts	125	345	471
峰值扭矩 Peak Torque N-m	1.2	3.3	4.5
峰值电流 Peak Current Amps	11.4	25.5	39
力矩常数 Torque constant N-m/A	0.105	0.122	0.125
反电势常数 Back EMF Vrms/k RPM	8.8	7.5	9.5
转动惯量 Rotor inertia kg·cm²	0.42	0.57	0.75
电机长度 Body Length (L) mm	70	82	92
重量 Mass kg	1.1	1.45	1.85

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



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外径86mm直流无刷电机

86mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

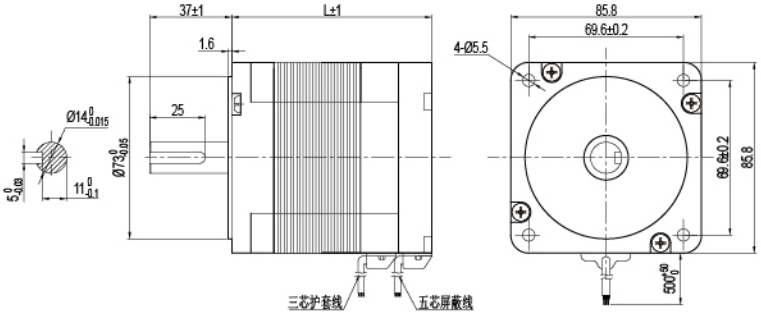
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

型号 Model	86BLF75-430-001	86BLF90-430-001	86BLF105-230-006	86BLF105-430-001	86BLF115-430-001	86BLF145-430-001
极数 Number of Poles	8					
相数 Number of Phases	3					
额定电压 Nominal voltage VDC	48	48	24	48	48	48
额定转速 Rated speed RPM	3000 (±10%)					
额定扭矩 Rated Torque N-m	0.41	0.8	1.3	1.3	1.7	2.4
额定电流 Rated Current Amps	3.7	6.8	24	11.3	14.5	19
输出功率 Output Power Watts	130	250	400	400	500	750
峰值扭矩 Peak Torque N-m	1.23	2.4	3.9	3.9	5.1	7.2
峰值电流 Peak Current Amps	11.1	20.4	72	33.9	43.5	57
力矩常数 Torque constant N-m/A	0.111	0.117	0.115	0.115	0.117	0.126
反电势常数 Back EMF Vrms/k RPM	8.38	9.58	3.34	9.66	9.53	8.49
转动惯量 Rotor inertia $kg \cdot cm^2$	0.81	1.27	1.71	1.71	2.14	3.04
电机长度 Body Length (L) mm	75	90	105	105	115	145
重量 Mass kg	1.5	2.0	2.5	2.5	3	4

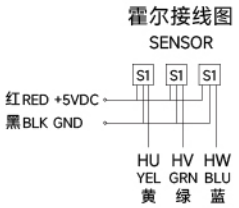
支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



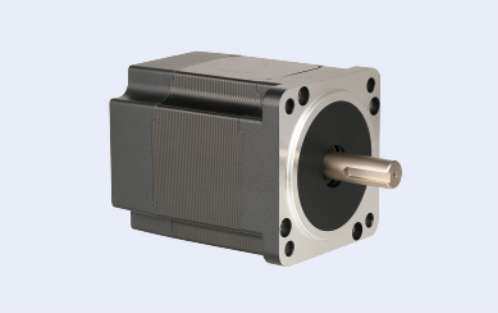


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外径86mm直流无刷电机

86mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

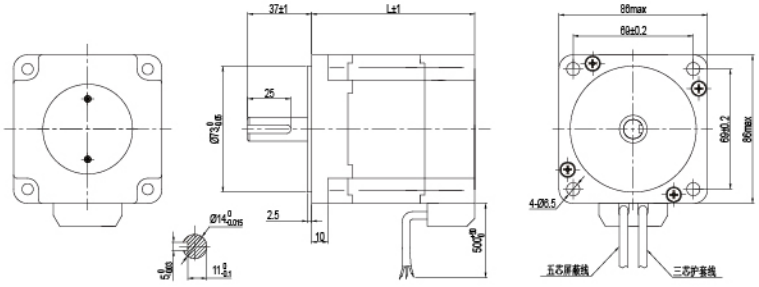
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

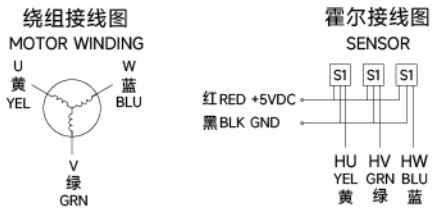
型号 Model	86BLW70-430-002E	86BLW80-430-001E	86BLW105-430-005E	86BLW115-430-002E	86BLW130-430-001E
极数 Number of Poles	8				
相数 Number of Phases	3				
额定电压 Nominal voltage VDC	48	48	48	48	48
额定转速 Rated speed RPM	3000 (±10%)				
额定扭矩 Rated Torque N-m	0.7	1.0	1.8	2.1	2.5
额定电流 Rated Current Amps	6	7.8	14.5	17	19
输出功率 Output Power Watts	220	314	565	659	785
峰值扭矩 Peak Torque N-m	2.1	3	5.4	6.3	7.5
峰值电流 Peak Current Amps	18	23.4	43.5	51	57
力矩常数 Torque constant N-m/A	0.117	0.128	0.124	0.124	0.132
反电势常数 Back EMF Vrms/k RPM	9.4	11.7	10.5	10.5	10.7
转动惯量 Rotor inertia $kg \cdot cm^2$	0.77	1.13	1.9	2.12	2.54
电机长度 Body Length (L) mm	70	80	105	115	130
重量 Mass kg	1.5	2	3	3.5	4.1

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



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外径90mm直流无刷电机

90mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

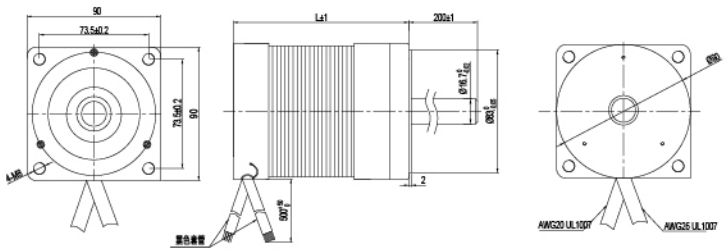
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

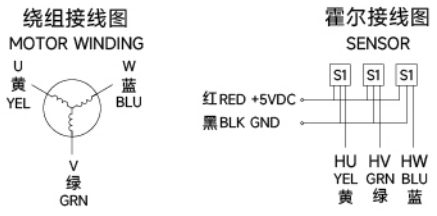
型号 Model	90BLY75-411-001	90BLY160-627-001
极数 Number of Poles	4	
相数 Number of Phases	3	
额定电压 Nominal voltage VDC	48	310
额定转速 Rated speed RPM	1100 (±10%)	2700 (±10%)
额定扭矩 Rated Torque N-m	0.6	3.2
额定电流 Rated Current Amps	2.5	3.5
输出功率 Output Power Watts	69	904
峰值扭矩 Peak Torque N-m	1.8	9.6
峰值电流 Peak Current Amps	7.5	10.5
力矩常数 Torque constant N-m/A	0.24	0.91
反电势常数 Back EMF Vrms/k RPM	21.9	60.6
转动惯量 Rotor inertia $kg \cdot cm^2$	2.1	7.1
电机长度 Body Length (L) mm	75	160
重量 Mass kg	1.8	4.9

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

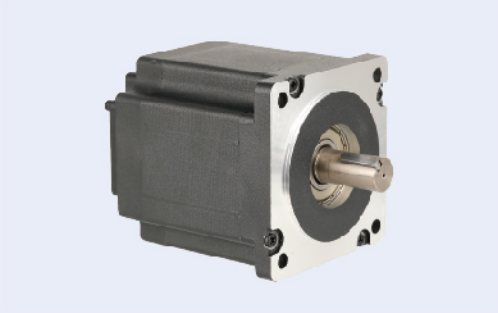


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外径110mm直流无刷电机

110mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

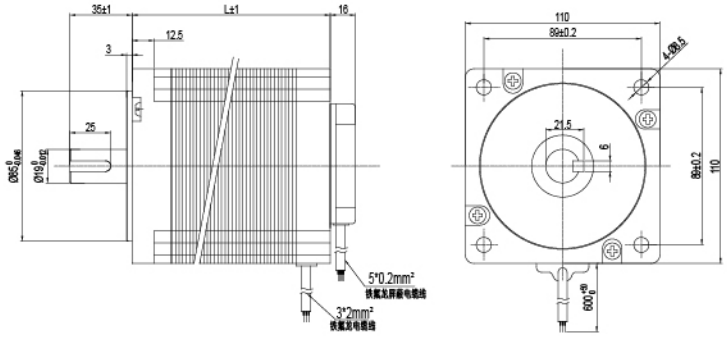
● 绕组连接方式 Winding Type	三角形 Triangle
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

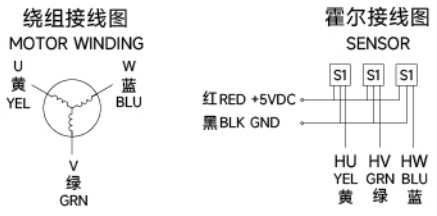
型号 Model	110BLF110-630-002E	110BLF140-630-002E	110BLF170-630-001E	110BLF230-630-002E
极数Number of Poles	8			
相数Number of Phases	3			
额定电压 Nominal voltage VDC	310	310	310	310
额定转速 Rated speed RPM	3000（±10%）			
额定扭矩 Rated Torque N-m	3.2	4.8	6.4	9.6
额定电流 Rated Current Amps	4.2	6.3	8	13
输出功率 Output Power Watts	1000	1500	2000	3000
峰值扭矩Peak Torque N-m	9.6	14.4	19.2	28.8
峰值电流Peak Current Amps	12.6	18.9	24	39
力矩常数Torque constant N-m/A	0.76	0.76	0.8	0.74
反电势常数 Back EMF Vrms/k RPM	61.4	56	57	63.2
转动惯量 Rotor inertia $kg \cdot cm^2$	5.95	8.43	10.91	14.88
电机长度Body Length (L) mm	110	140	170	230
重量 Mass kg	5.6	7.1	9.2	12.9

支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM

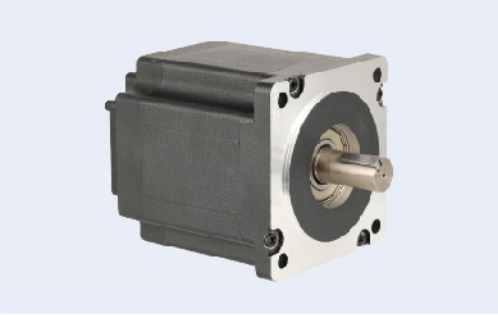


我们可以根据客户要求定制电机的电气参数、电机输出轴尺寸等形状，也可以增配行星减速箱、编码器等，查看更多产品信息请浏览公司网站：www.zz-motor.com
We can customize the motor's electrical parameters, output shaft dimensions, and other shapes according to customer requirements. We can also add planetary gearboxes, encoders, and other accessories. For more product information, please visit our company website:en.zz-motor.com

外径110mm直流无刷电机

110mm BRUSHLESS DC MOTOR

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

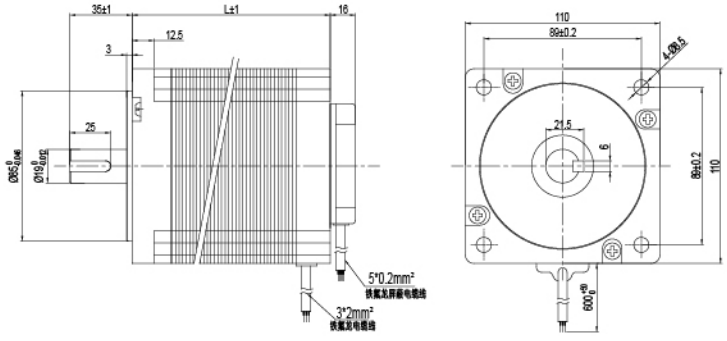
● 绕组连接方式 Winding Type	三角形 Triangle
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

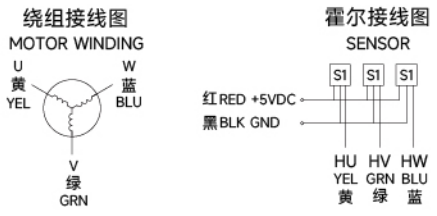
型号 Model	110BLF110-630-002E	110BLF140-630-002E	110BLF170-630-001E	110BLF230-630-002E
极数Number of Poles	8			
相数Number of Phases	3			
额定电压 Nominal voltage VDC	310	310	310	310
额定转速 Rated speed RPM	3000（±10%）			
额定扭矩 Rated Torque N-m	3.2	4.8	6.4	9.6
额定电流 Rated Current Amps	4.2	6.3	8	13
输出功率 Output Power Watts	1000	1500	2000	3000
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电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



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