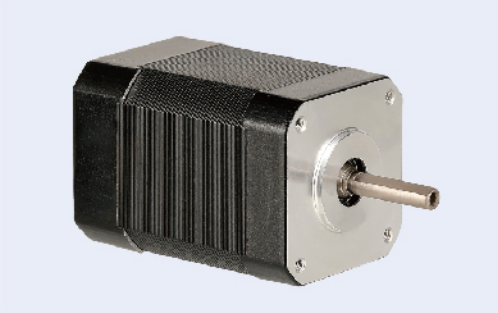
外径42mm直流无刷电机-经济款

42mm BRUSHLESS DC MOTOR-Economical Version

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

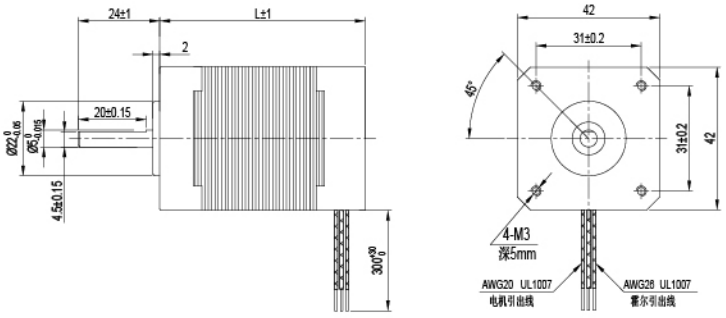
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

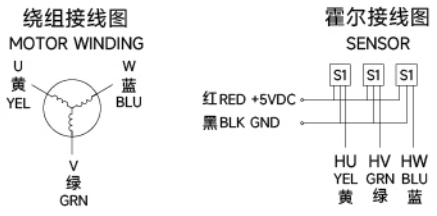
型号 Model	42BLFE40-240-001	42BLFE60-240-001	42BLFE80-240-001	42BLFE100-240-001
极数 Number of Poles	8			
相数 Number of Phases	3			
额定电压 Nominal voltage VDC	24	24	24	24
额定转速 Rated speed RPM	4000 (±10%)			
额定扭矩 Rated Torque N-m	0.0625	0.13	0.188	0.25
额定电流 Rated Current Amps	1.8	3.2	4.7	6.6
输出功率 Output Power Watts	26	54	78	104
峰值扭矩 Peak Torque N-m	0.18	0.39	0.56	0.75
峰值电流 Peak Current Amps	5.4	9.6	14.1	19.8
力矩常数 Torque constant N-m/A	0.035	0.041	0.04	0.038
反电势常数 Back EMF Vrms/k RPM	2.9	2.9	3.0	3.0
转动惯量 Rotor inertia $g \cdot cm^2$	23	44	65	86
电机长度 Body Length (L) mm	40.5	60.5	80.5	100.5
重量 Mass kg	0.33	0.44	0.6	0.8

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



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57mm直流无刷电机-经济款

57mm BRUSHLESS DC MOTOR-Economical Version

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

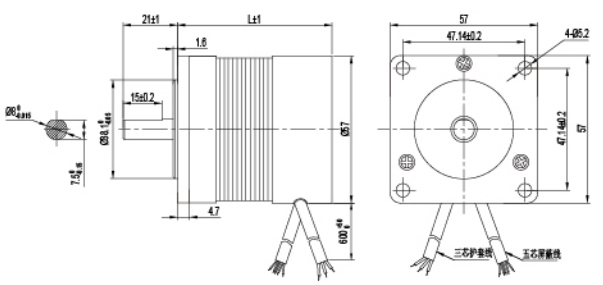
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

型号 Model	57BLYE45-230-001	57BLYE55-230-001	57BLYE75-230-001	57BLYE95-230-001	57BLYE115-230-001
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	2.3	4.2	6.1	8.7
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	6.9	12.6	18.3	26.1
力矩常数 Torque constant N-m/A	0.046	0.048	0.052	0.054	0.052
反电势常数 Back EMF Vrms/k RPM	4.11	4.2	4.05	4.14	4.0
转动惯量 Rotor inertia g·cm²	69	85	148	211	273
电机长度 Body Length (L) mm	45	55	75	95	115
重量 Mass kg	0.4	0.5	0.7	1.0	1.2

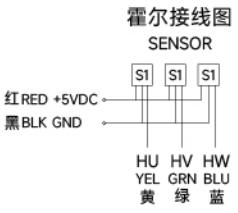
支持定制：电压，转速，轴尺寸，引线长度，安装止口，安装孔等。
Support customization: Voltage, Speed, Shaft size, Lead wire length, Mounting spigot, Mounting holes, etc.

电机机械尺寸
DIMENSIONS UNIT=MM



电机接线图
WIRING DIAGRAM



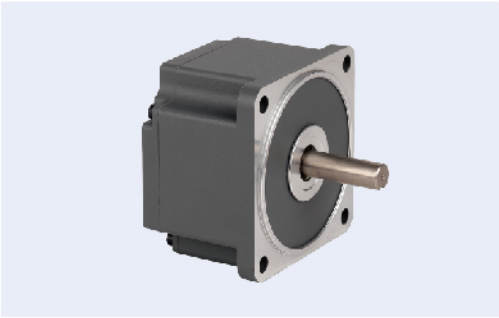


我们可以根据客户要求定制电机的电气参数、电机输出轴尺寸等形状，也可以增配行星减速箱、编码器等，查看更多产品信息请浏览公司网站：www.zz-motor.com
We can customize the motor's electrical parameters, output shaft dimensions, and other shapes according to customer requirements. We can also add planetary gearboxes, encoders, and other accessories. For more product information,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

外径90mm直流无刷电机-经济款

90mm BRUSHLESS DC MOTOR-Economical Version

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

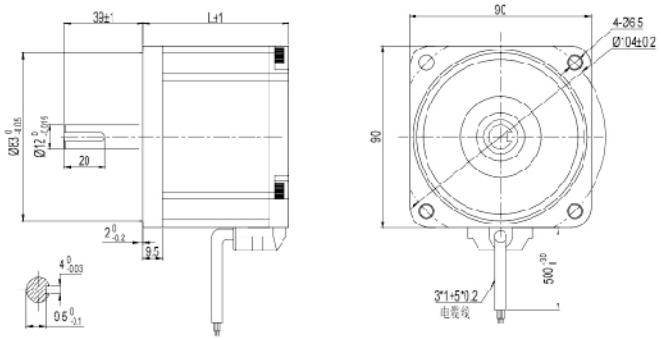
绕组连接方式 Winding Type	星形Star
霍尔电位角度 Hall Effect angle	120°
绝缘等级 Insulation Class	Class B
工作环境温度 Ambient Temperature Range	-20°C~+50°C
绝缘电阻 Insulation Resistance	100MΩMin 500VDC
介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

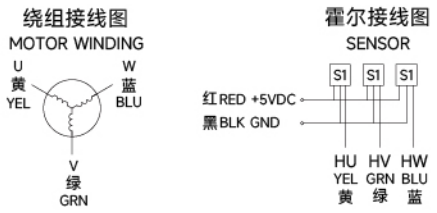
型号 Model	90BLFE60-230-001	90BLFE72-230-001
极数 Number of Poles	10	
相数 Number of Phases	3	
额定电压 Nominal voltage VDC	24	24
额定转速 Rated speed RPM	3000（±10%）	
额定扭矩 Rated Torque N-m	0.35	0.5
额定电流 Rated Current Amps	6.3	9
输出功率 Output Power Watts	110	157
峰值扭矩 Peak Torque N-m	1.05	1.5
峰值电流 Peak Current Amps	18.9	27
力矩常数 Torque constant N-m/A	0.056	0.056
反电势常数 Back EMF Vrms/k RPM	4.5	4.45
转动惯量 Rotor inertia $kg \cdot cm^2$	0.76	1.11
电机长度 Body Length (L) mm	60	72
重量 Mass kg	0.84	1.75

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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