外径32mm直流无刷内置驱动电机

32mm BRUSHLESS DC MOTOR WITH INTEGRATED DRIVER

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

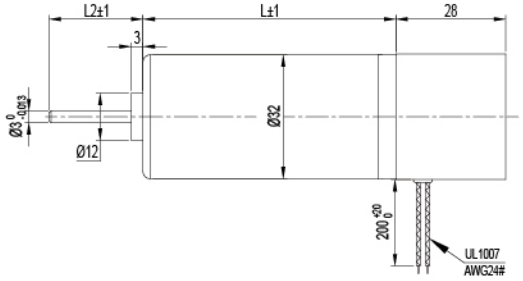
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

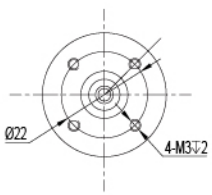
技术数据
ELECTRICAL SPECIFICATIONS

型号 Model	32BLYI65-238
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
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 $g \cdot cm^2$	17.6
电机长度 Body Length (L) mm	65
重量 Mass kg	0.3

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

FUNCTION	+24V	-GND	F/R
COLOUR	RED	BLACK	WHITE
颜色	红	黑	白

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直流无刷内置驱动电机

57mm BRUSHLESS DC MOTOR WITH INTEGRATED DRIVER

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

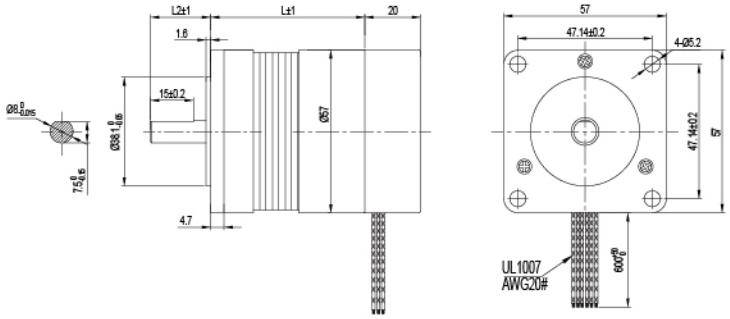
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

技术数据
ELECTRICAL SPECIFICATIONS

型号 Model	57BLYI45-230	57BLYI55-230	57BLYI75-230	57BLYI95-230
极数 Number of Poles	4			
相数 Number of Phases	3			
额定电压 Nominal voltage VDC	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
额定电流 Rated Current Amps	1.2	2.2	4.1	5.9
输出功率 Output Power Watts	17	35	70	105
峰值扭矩 Peak Torque N-m	0.165	0.33	0.66	0.99
峰值电流 Peak Current Amps	3.6	6.6	12.3	17.7
力矩常数 Torque constant N-m/A	0.046	0.05	0.054	0.056
反电势常数 Back EMF Vrms/k RPM	4.28	3.91	4.13	4.16
转动惯量 Rotor inertia $g \cdot cm^2$	68	84	145	209
电机长度 Body Length (L) mm	45	55	75	95
重量 Mass kg	0.5	0.6	0.8	1.1

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

FUNCTION	+24V	-GND	BK	FG	PWM	CW/CCW
COLOUR	RED	BLACK	WHITE	YELLOW	BLUE	BROWN
颜色	红	黑	白	黄	蓝	棕

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直流无刷内置驱动电机

90mm BRUSHLESS DC MOTOR WITH INTEGRATED DRIVER

ZZMOTOR



电气性能
ELECTRICAL PERFORMANCE

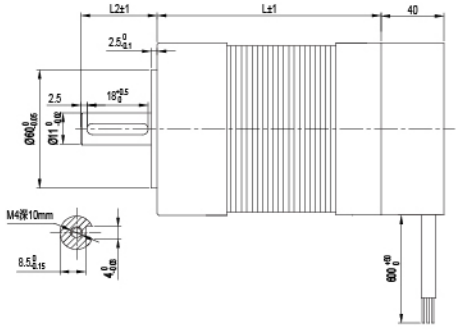
● 绕组连接方式 Winding Type	星形Star
● 霍尔电位角度 Hall Effect angle	120°
● 绝缘等级 Insulation Class	Class B
● 工作环境温度 Ambient Temperature Range	-20°C~+50°C
● 绝缘电阻 Insulation Resistance	100MΩMin 500VDC
● 介电强度 Dielectric Strength	700V AC 1 minute

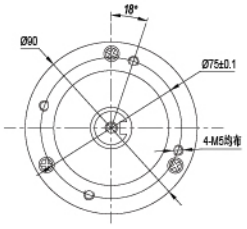
技术数据
ELECTRICAL SPECIFICATIONS

型号 Model	90BLYI75-411
极数 Number of Poles	4
相数 Number of Phases	3
额定电压 Nominal voltage VDC	48
额定转速 Rated speed RPM	1100 (±10%)
额定扭矩 Rated Torque N-m	0.6
额定电流 Rated Current Amps	2.5
输出功率 Output Power Watts	69
峰值扭矩 Peak Torque N-m	1.8
峰值电流 Peak Current Amps	7.5
力矩常数 Torque constant N-m/A	0.24
反电势常数 Back EMF Vrms/k RPM	21.9
转动惯量 Rotor inertia kg·cm²	2.1
电机长度 Body Length (L) mm	75
重量 Mass kg	2.0

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

	电源端		控制端				
FUNCTION	VCC	GND	SPEED	CCW	CW	EN	GND
COLOUR	RED	BLACK	ORANGE	YELLOW	WHITE	RED	BLACK
颜色	红	黑	橙	黄	白	红	黑
	UL1007 AWG20		UL1007 AWG26				

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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