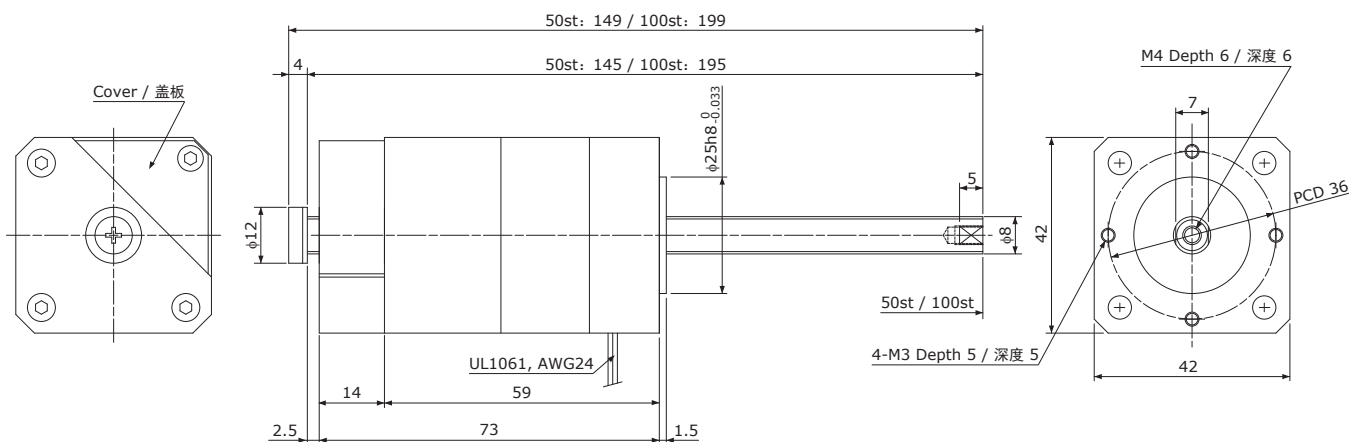


DDACL □42 / NEMA 17

Shaft dia.(轴径)f8



Motor lead wire / 电机线	
A	Black(黑)
$\overline{A}$	Green(绿)
B	Red(红)
$\overline{B}$	Blue(蓝)

UL1061, AWG24(310mm)

Recommended Drivers 推荐驱动器	SD4030B3
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Note) Refer to page P164 for connection diagram of recommended Drivers.
注) 有关与推荐驱动器的接线, 请参照P164页。

Specifications 主要技术参数				
	DDACL42-G02 050/100	DDACL42-G05 050/100	DDACL42-R02 050/100	DDACL42-R05 050/100
Drive Screw type 驱动丝杠	Precision Ball Screw 精密滚珠丝杠		Rolled Ball Screw 冷轧滚珠丝杠	
Screw lead 丝杠导程	2mm	5mm	2mm	5mm
Travel 行程	50mm / 100mm		50mm / 100mm	
Repeatability 重复 定位精度	±0.005mm		±0.010mm	
Lost Motion 空转	0.010mm		0.020mm	
Permissible Speed 许用速度	40mm/sec	100mm/sec	40mm/sec	100mm/sec
Acceleration & deceleration time 加减速时间	Min. 0.2sec 0.2 sec以上		Min. 0.2sec 0.2 sec以上	
Thrust Force 推力	80N	30N	80N	30N
Mass 质量	Travel 50mm / 行程50mm:530g Travel 100mm / 行程100mm:550g		Travel 50mm / 行程50mm:530g Travel 100mm / 行程100mm:550g	

Motor Specifications 电机参数	
Basic step angle 基本步进角	1.8°
Driving method 励磁方式	2-phase Bi-polar 2相双极方式
Rated Voltage 额定电压	DC 2.5 V
Rated current 额定电流	1.2 A/phase 1.2 A/相
Winding resistance 绕组电阻	2.1 Ω
Winding inductance 绕组电感	4.0mH
Insulation Class 绝缘等级	Class B (130°C) B级 (130°C)
Operating Temp. 使用环境温度	0~40°C (No Condensation) 0~40°C (无结露)

Precautions

- Non-Captive type does not have an anti-rotating device. External anti-rotating devices should be set up when usage. Radial load can not be applied on Captive type. For more detail, please see page S105.
- Specifications above are reference value measured in vertical position at virgin condition.
- Sensor is not built in this standard design. Please ask KSS if necessary.

注意事项

- Non-Captive型无止转结构。
客户使用时需在外部构建止转结构。Captive型不能承受径向负载。
请参照技术解说S105页。
- 上述规格为垂直状态且运行初期的参考值。
- 标准规格没有装配传感器。
如有需要,请垂询本公司。