

# SRC025系列

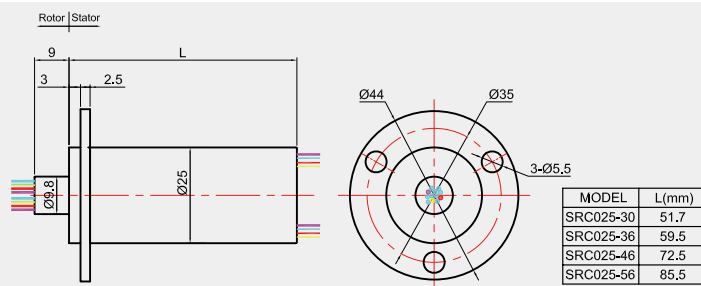
## SRC025 Series

型号 TYPE



标准型(Standard Type) SRC025-30

外形尺寸 OUTLINE DIMENSION 单位(UNIT) mm



### 机械技术指标 Mechanical data

参数 Specification	数值 Values
工作速度 Operating Speed	0~300rpm
工作温度 Temperature Range	-20°C - +80°C
工作湿度 Operating Humidity	60%RH 或更高 60%RH or higher
接触材料 Contact Material	贵金属 Precious Metals
壳体材料 Housing Material	铝合金 Aluminum

### 规格表 Specification List

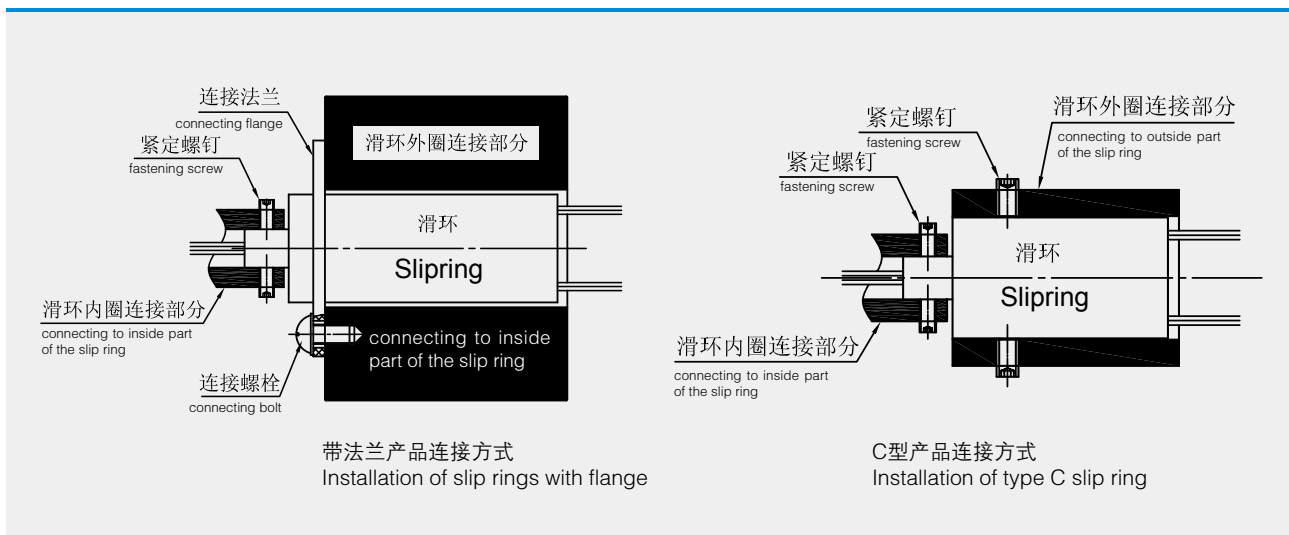
型号 Type	环数 NO. of Rings	额定电流 (A) Rated Current Amps			信号RG178或RG179 (RG178 or RG179)	尺寸 Size
		2	6	10		外径 × 长度 (OD × L)
SRC025-30	30	30				Φ25 × 51.7
SRC025-30-4P/18S	22	18	4			Φ25 × 51.7
SRC025-30-3P/15S	18	15		3		Φ25 × 51.7
SRC025-36	36	36				Φ25 × 59.5
SRC025-36-4P/24S	28	24	4			Φ25 × 59.5
SRC025-36-4P/20S/2RG178	26	20	4		2	Φ25 × 59.5
SRC025-46	46	46				Φ25 × 72.5
SRC025-46-4P/34S	38	34	4			Φ25 × 72.5
SRC025-46-4P/30S/2RG178	36	30	4		2	Φ25 × 72.5
SRC025-56	56	56				Φ25 × 85.5
SRC025-56-4P/44S	48	44	4			Φ25 × 85.5
SRC025-56-4P/40S/2RG178	46	40	4		2	Φ25 × 85.5

- 标准2A/环, 2环合并得4A, 3环合并得6A或按客户要求  
Standard 2A/ring. 2 rings combined for 4A, 3rings combined for 6A or other current as request
- SRC025 系列可以用型号50Ω RG178视频线或75Ω RG179视频线  
Able to integrate RG178(50Ω) or RG179(75Ω) coaxial cable
- 外壳法兰可以按客户要求  
Other flange dimension as request

## 电气技术指标 Electrical data

参数 Specification	数值 Values
额定电压 Rated Voltage	240VDC/240VAC
额定电流 Rated Current	标准每环为2A 2A/ring
导线规格 Lead Size	AWG28和AWG26; 2A; AWG22; 5A; AWG16; 10A ; 彩色铁氟龙绝缘 AWG28 or AWG26 for 2A; AWG22 for 6A; AWG16 for 10A, color coded, FEP insulated
导线长度 Lead Length	250mm或按客户要求 250mm (or as request)
绝缘体强度 Dielectric Strength	500VAC@50Hz, 60S
绝缘电阻 Insulation Resistance	1000MΩ/500VDC
动态电阻变化值 Electrical Noise	< 0.01Ω

## 安装方式 Way of installation



### 安装说明 Installation explanation:

- 因我们的帽型滑环转动扭矩很小，因此可将内圈部分导线保护好后直接用于转动或固定  
The torque on the slip ring is very small, it can be used or fixed straightly after the inner part cables have been protected
- SRC032及SRC045系列产品可参照该连接方式  
Installation for C type slip rings  
SRC032, SRC045 Series can be installed in this way as well

### 注意事项 Attentions:

- 滑环环体不得作承重用，环体导线也不得承受外部控力  
The slip ring should not be used for load bearing; the cables should not be stressed nor tensed
- 在滑环安装时，务必要保护好导线，避免因导体绝缘层损坏而影响产品品质  
When installing the slip rings, the cables should be well protected
- 滑环系精密电气元件，应使其在一个干燥，少尘的环境下工作。如果环境条件恶劣，应增加防护措施  
The slip ring should be used in dry, low dust environment. If working environment is bad, more protection measures should be taken