

SRC025系列

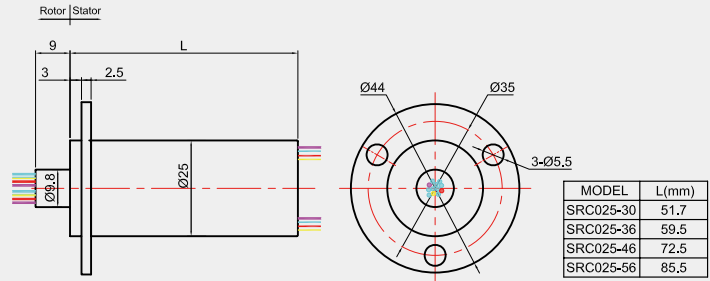
SRC025 Series

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

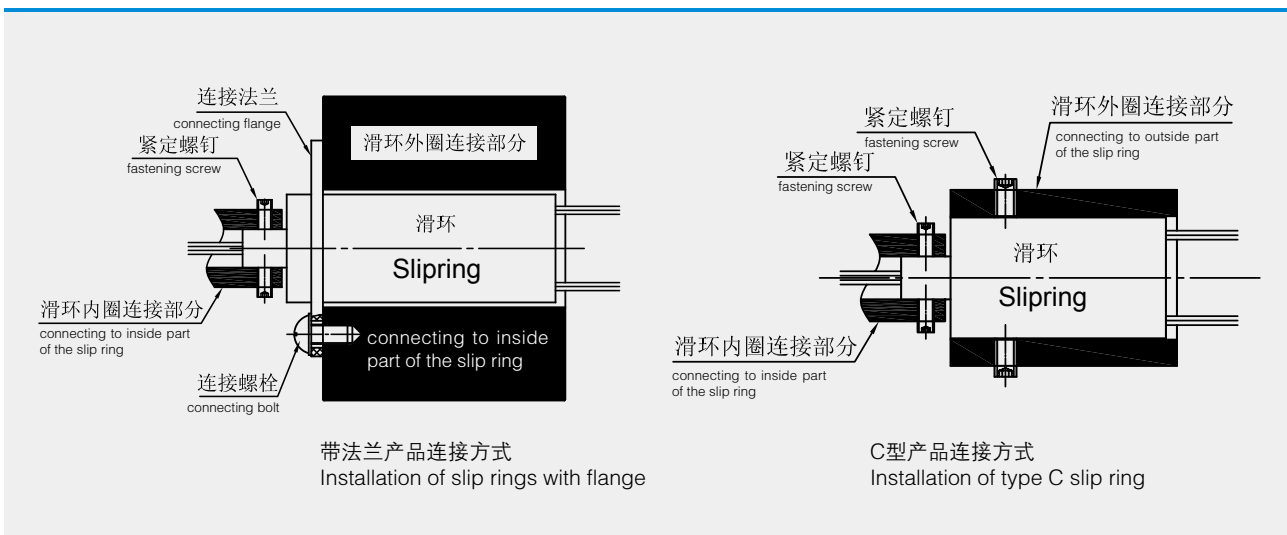
型号 Type	环数 NO. of Rings	额定电流 (A) Rated Current Amps			信号RG178或RG179 (RG178 or RG179)	尺寸 Size
		2	6	10		外径 × 长度 (OD × L)
SRC025-30	30	30				Φ25 × 51.7
SRC025-30-4P/18S	22	18	4			Φ25 × 51.7
SRC025-30-3P/15S	18	15		3		Φ25 × 51.7
SRC025-36	36	36				Φ25 × 59.5
SRC025-36-4P/24S	28	24	4			Φ25 × 59.5
SRC025-36-4P/20S/2RG178	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	1000M Ω /500VDC
动态电阻变化值 Electrical Noise	< 0.01 Ω

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