



杭州全盛电气有限公司  
HANGZHOU PROSPER ELECTRIC CO.LTD

# SRH50120 系列导电滑环 SRH50120 Series

过孔直径 50mm  
Through-bore dia.50mm

- ◆ 采用先进的纤刷技术设计及制造
- ◆ 完全满足 360 度无限制旋转的动力及控制信号传输
- ◆ 标准化产品规格
- ◆ 超长的使用寿命和免维护运转
- ◆ 各项技术指标达到国外同类产品
- ◆ 能为客户量身定制所需要的产品
- ◆ Make use of advanced sheaf brush technology to design and manufacture
- ◆ Suffice 360° unrestrained continuous rotation in transmitting power and/or data
- ◆ Modularized product
- ◆ Long life and maintenance-free operation



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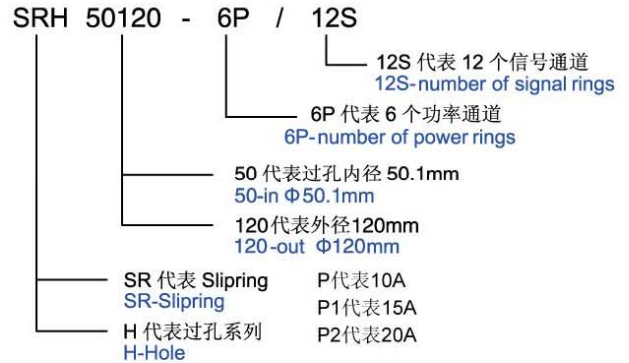


# SRH50120 系列导电滑环 (SRH50120 Series)

## 典型应用 Applications

- ◆ 工业机器 - 加工中心, 旋转工作台
- ◆ 重型设备塔台或电缆卷盘, 试验设备
- ◆ 包装设备, 堆垛机, 磁性离合器, 工艺控制设备
- ◆ 旋转传感器, 紧急照明设备, 机器人
- ◆ 展览/显示设备、医疗设备
- ◆ Industrial machinery, e.g. rotary index tables, machining centers etc
- ◆ Cable reel, test equipment and machining centers
- ◆ Heavy equipment turrets
- ◆ Packaging machines, magnetic clutches, palletizing machines
- ◆ Process control equipment
- ◆ Rotary sensors, robotics, emergency lighting
- ◆ Display/ Medical equipment, Exhibit equipment

## 型号选用说明 Type instruction



## 电气技术指标 Electric data

项目 Item	参数 Specification	
	功率 (Power)	信号 (Signal)
电压 Voltage	0-600VAC	0-240VAC
电流 current	10A, 15A, 10A	5A
绝缘电阻 Insulation Resistance	$\geq 1000M\Omega/500VDC$	$\geq 500M\Omega/500VDC$
导线规格 Lead type	镀锡铁氟龙或 PVC 绝缘 tinning wires, PTFE or PVC insulated	镀银铁氟龙 silver plated, PTFE
绝缘强度 Dielectric strength	500VAC@50Hz, 60s	
导线长度 Strength Lead Length	500mm 或根据客户要求提供 500mm (or length on request)	
动态接触电阻变化值 Dynamic contact Resistance	$\leq 0.01\Omega$	

型号 Model	长度 (L=mm)	电流		总环道 rings
		功率P (10A, 15A或20A)	信号 S (5A)	
SRH50120-6P	70	6	—	6
SRH50120-12S	70	—	12	12
SRH50120-12P	100	12	—	12
SRH50120-6P/12S	100	6	12	18
SRH50120-24S	100	—	24	24
SRH50120-18P	130	18	—	18
SRH50120-12P/12S	130	12	12	24
SRH50120-6P/24S	130	6	24	30
SRH50120-36S	130	—	36	36
SRH50120-24P	160	24	—	24
SRH50120-18P/12S	160	18	12	30
SRH50120-12P/24S	160	12	24	36
SRH50120-6P/36S	160	6	36	42
SRH50120-48S	160	—	48	48
SRH50120-30P	190	30	—	30
SRH50120-24P/12S	190	24	12	36
SRH50120-18P/24S	190	18	24	42
SRH50120-12P/36S	190	12	36	48
SRH50120-6P/48S	190	6	48	54
SRH50120-60S	190	—	60	60
SRH50120-36P	220	36	—	36
SRH50120-30P/12S	220	30	12	42
SRH50120-24P/24S	220	24	24	48
SRH50120-18P/36S	220	18	36	54
SRH50120-12P/48S	220	12	48	60
SRH50120-6P/60S	220	6	60	66
SRH50120-72S	220	—	72	72

## 机械技术指标 Mechanical data

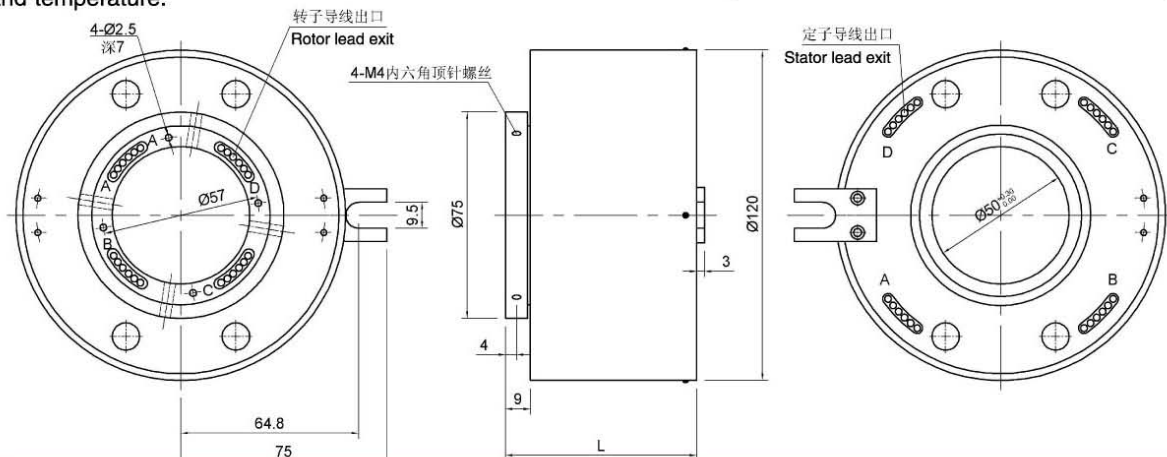
参数 Specification	单位 Unit
工作速度 Operating Speed	0-1200 rpm 0-1200 rpm continuous
接触材料表面 Contact material	金或银合金 Gold or silver alloy
轴承 Bearing	钢珠轴承 steel ball bearing
壳体材料 Housing	工程塑料 Engineering plastic
工作温度 Temperature range	-40°C 到 80°C -40°C to 80°C
防护等级 IP	IP 51-IP 65

滑环寿命由工作转速, 工作环境和温度决定

The life of the slip ring is decided by the rotating speed, working environment and temperature.

长度L与实际尺寸误差为  $\pm 1$  mm

To compare with the actual size, the tolerance of length is  $\pm 1$  mm



可按客户要求订制各种滑环, 也可提供OEM产品

Manufacture the slip ring according to customer's request, We also welcome OEM to join us.