



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

SRH3899 系列导电滑环 SRH3899 Series

过孔直径 38mm
Through-bore dia. 38mm

- ◆ 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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SRH3899 系列导电滑环 (SRH3899 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

电气技术指标 Electric data

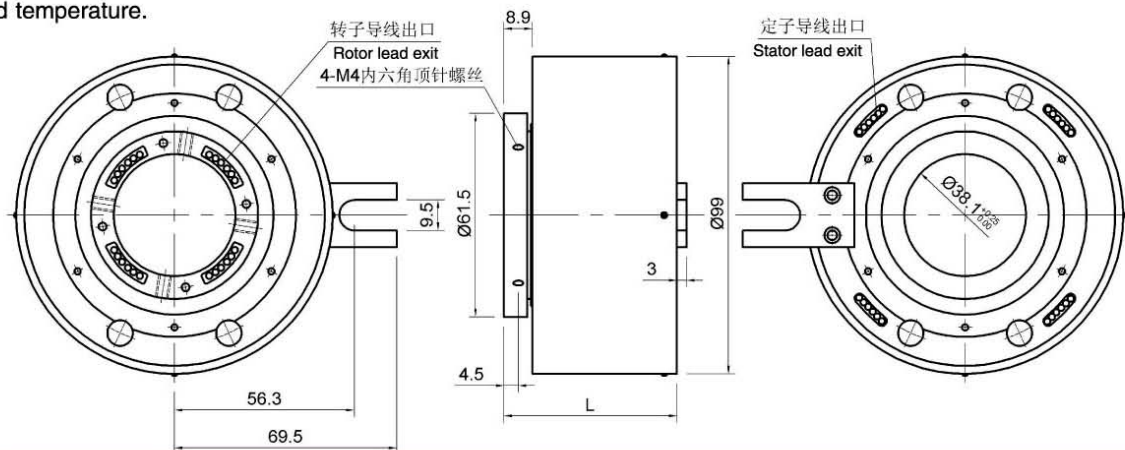
项目 Item	参数 Specification	
	功率 (Power)	信号 (Signal)
电压 Voltage	0-600VAC	0-240VAC
绝缘电阻 Insulation Resistance	$\geq 1000\text{M}\Omega/500\text{VDC}$	$\geq 500\text{M}\Omega/500\text{VDC}$
导线规格 Lead type	镀锡铁氟龙或 PVC 绝缘 tinning wires, PTFE or PVC insulated	镀银铁氟龙 silver plated, PTFE
绝缘强度 Dielectric strength	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	$\leq 0.01\Omega$	

机械技术指标 Mechanical data

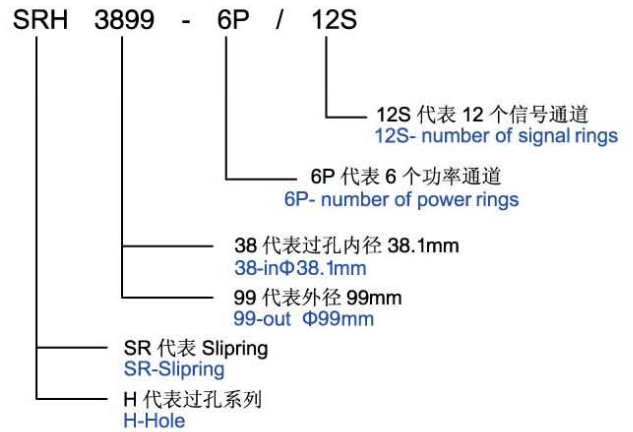
参数 Specification	单位 Unit
工作速度 Operating Speed	0-1200 rpm 0-1200 rpm continuous
接触材料表面 Contact material	金或银合金 Gold or silver alloy
轴承 Bearing	钢珠轴承 steel ball bearing
壳体材料 Housing	工程塑料 Engineering plastic
工作温度 Temperature range	-40°C 到 80°C -40°C to 80°C
防护等级 IP	IP 51-IP 65

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.



型号选用说明 Type instruction



型号 Model	长度 (L=mm)	电流 Current		总环道 rings
		功率 Power(10A)	信号 Signal(2A)	
SRH3899-6P	54	6	—	6
SRH3899-12S	54	—	12	12
SRH3899-12P	78	12	—	12
SRH3899-6P/12S	78	6	12	18
SRH3899-24S	78	—	24	24
SRH3899-18P	102	18	—	18
SRH3899-12P/12S	102	12	12	24
SRH3899-6P/24S	102	6	24	30
SRH3899-36S	102	—	36	36
SRH3899-24P	126	24	—	24
SRH3899-18P/12S	126	18	12	30
SRH3899-12P/24S	126	12	24	36
SRH3899-6P/36S	126	6	36	42
SRH3899-48S	126	—	48	48

长度L与实际尺寸误差为 $\pm 1\text{mm}$

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

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.