

SLIP RINGS / ROTARY JOINTS

- Ø 38 mm through hole
- Signal and power circuits
- Compact size
- Low friction torque
- High reliability and maintenance-free duration
- Customized versions available
- In compliance with CE e ROHS

SRH 3899 *Series*

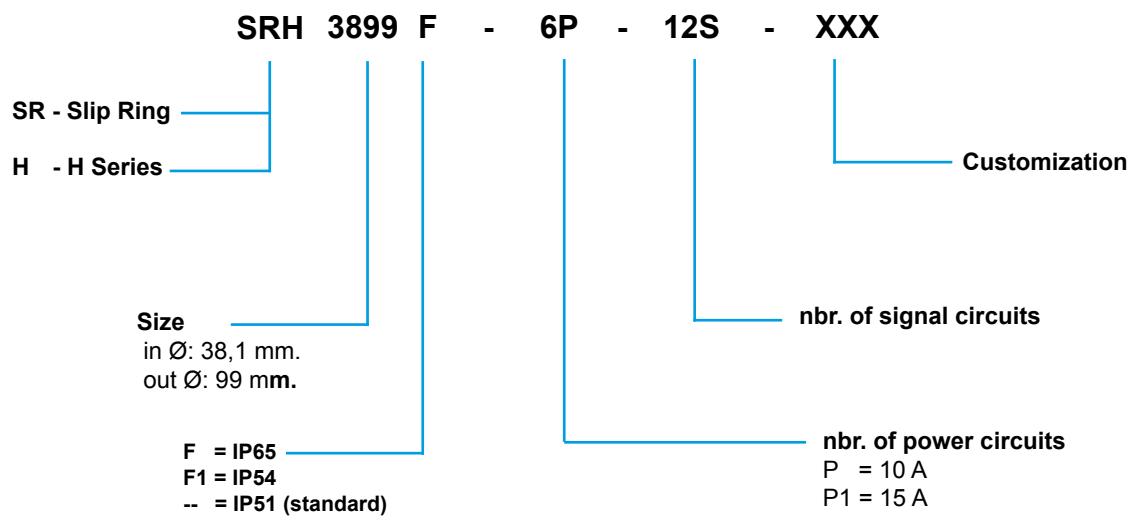


Model	Outside length "L" (typic - mm)		Nbr. of circuits		Rings Total Nbr.
	IP 51 & IP54	IP 65	Power (10-15A)	Signals (2A)	
SRH 3899- 6P	54	74	6	-	6
SRH 3899- 12S	54	74	-	12	12
SRH 3899- 12P	78	98	12	-	12
SRH 3899- 6P/12S	78	98	6	12	18
SRH 3899- 24S	78	98	-	24	24
SRH 3899- 18P	102	122	18	-	18
SRH 3899- 12P/12S	102	122	12	12	24
SRH 3899- 6P/24S	102	122	6	24	30
SRH 3899- 36S	102	122	-	36	36
SRH 3899- 24P	126	146	24	-	24
SRH 3899- 18P/12S	126	146	18	12	30
SRH 3899- 12P/24S	126	146	12	24	36
SRH 3899- 6P/36S	126	146	6	36	42
SRH 3899- 48S	126	146	-	48	48

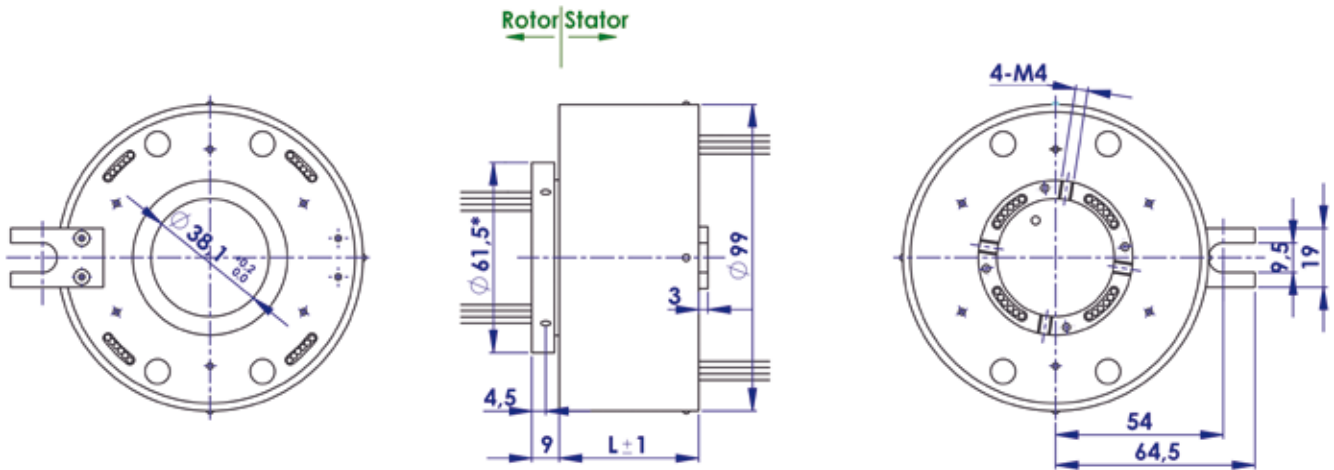
Note: On demand, available versions with more circuits (up to 96), but with 30 mm in. diameter (mod. SRH 3099) or with 35 mm in. diameter (mod. SRH 3599).

"L" length tolerance = ± 1 mm.

ORDER CODE



Standard SRH 3899	Dimensions (mm)
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* 54,5 dia. mm for IP 65

"L" Length tolerance ± 1 mm.

OTHER MODELS AVAILABLE

SRH Series



SRC Series



SRC 032, 040 & 045 Series



SRT Series



SRH 3899 Series

Slip Rings can be used in any system requiring the transmission of electrical power and/or signals from a stationary to a bidirectional, intermittent or continuously rotating structure. They mainly consist of rings on which brushes are crawling so granting electric continuity.

Thanks to the use of noble metals and to a new technology (allowing multiple contact points between brushes and ring) electric noise and interferences among circuits are here considerably reduced, besides granting low contact electric resistance.

No lubrication required.

Typical Applications

- ▶ Packaging machines
- ▶ Automatic machines
- ▶ Filling machines
- ▶ Capping machines
- ▶ Labeling machines
- ▶ Converting machines
- ▶ Macchine tools
- ▶ Rotary tables
- ▶ Robots
- ▶ Palletizers
- ▶ Medical equipments
- ▶ Cable reels

Features

- ▶ Nbr. of circuits: 6, 12, 18, 24, 36, 48
- ▶ Current: power 10A(P): AWG16 / 15A(P1): AWG14* ; signals 2A: AWG26
- ▶ Voltage: power 600 VAC / VDC - signals: 240 VAC / VDC
- ▶ Cables: power: tin plated; signals: silver plated; insulation PTFE
4 cable outputs: 6 x AWG16/14 or 12 x AWG26 ea.
- ▶ Cables length: standard 300 mm. (other lengths on demand)
- ▶ Dielectric strength: power: 1500 VAC at 60 Hz, 60 sec - signals: 500 VAC at 60 Hz, 60 sec
- ▶ Insulation resistance: power: > 1000 MΩ / 500 VDC - signals: > 500 MΩ / 500 VDC
- ▶ Dynamic contact resistance: < 0,01Ω
- ▶ Nominal speed: 600 rpm. (for higher speeds please contacts us)
- ▶ Bearings: steel
- ▶ Housing: ABS (hard plastic)
- ▶ Temperature: -20°C to +80°C (-40°C as option)
- ▶ Protection: IP 51 (IP54 & IP 65 as option)

* Length remains unchanged by varying of the power circuit current (10A, 15A)

Available different sizes with through bore up to 300 mm. diameter

SRH-3899_REV10en-131213