

SRH3899 SERIES

+ 38.1MM Through-bore



SRH3899 38.1mm Through-bore

Slip rings can be used in any electromechanical system requiring unrestrained, continuous rotation, while transmitting power and/or data from a stationary to a rotating structure.

A slip ring is sometimes referred to as a rotary electrical interface, collector, swivel or rotary joint.

The SRH Series uses multiple contact point technology, allowing for low contact electric resistance between brushes and ring. This reduces electrical noise and the slip ring gets a longer lifetime.

No lubrication required.

We can also offer custom designs. As a customer you have the possibility to specify the slip ring to comply with your needs. We can also offer hybrid units, for example a combined slip ring and fiber optic rotary joint, integrated into one small housing. Other options we can offer inclusion of coax and miniature data bus cables, harnessing of lead wires into chosen crimps and connectors.

PRODUCT FEATURES

- Compact size
- Quick delivery
- Low cost
- High reliability and duration
- Low friction torque
- Smooth rotation
- In compliance with CE and ROHS standards

APPLICATIONS

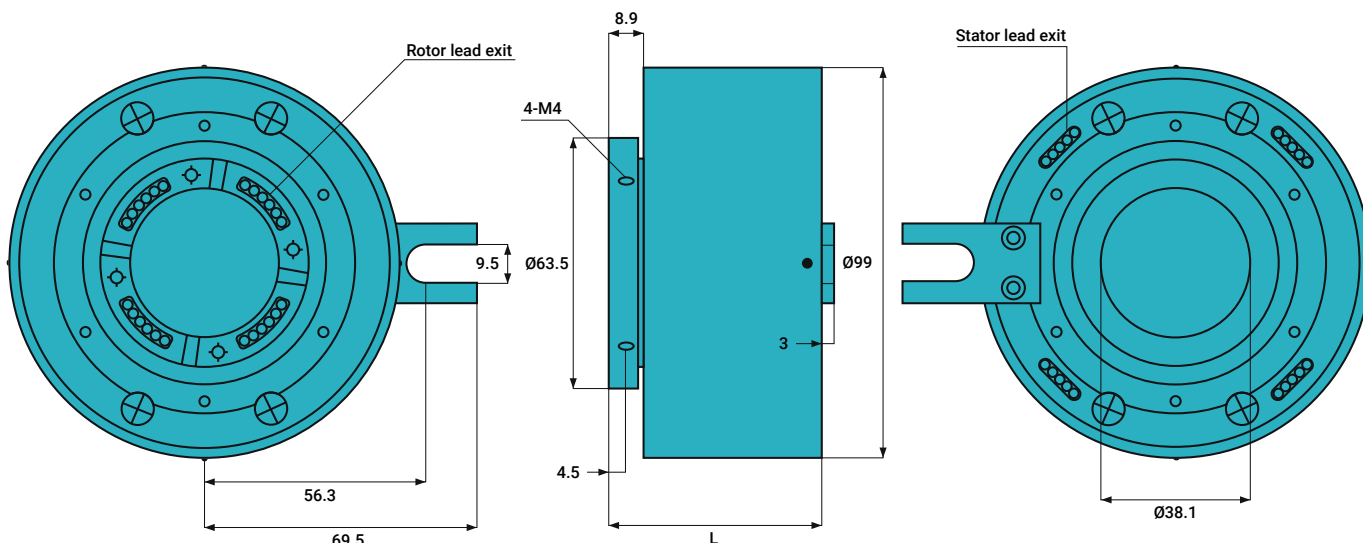
- Cable reels
- Medical equipment
- Packaging machines

TECHNICAL SPECIFICATIONS

Number of circuits	6, 12, 18, 24, 36, 48
Voltage	600 VAC
Cables/Current rating	Tin plated, PTFE insulation / 10 A: AWG16 2A: AWG26
Dielectric strength	1000 VAC at 60 Hz
Insulation resistance	500 VAC at 60 Hz; > 1000 MΩ / 500 Vcc
Nominal speed	1000 rpm
Temperature	-20°C to +80°C
Rating life	10 ⁸ revolutions (depending on speed and on environmental conditions)
Contact	Gold on Gold / Silver on Silver
Protection	IP51 or high or request

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MODELS	Total Rings		Length (L)	Model number
	2A	10A		
6	-	6	54.1 mm	SRH3899-6P
12	12	-	54.1 mm	SRH3899-12S
12	-	12	77.9 mm	SRH3899-12P
18	12	6	77.9 mm	SRH3899-6P/12S
24	24	-	77.9 mm	SRH3899-24S
18	-	18	101.7 mm	SRH3899-18P
24	12	12	101.7 mm	SRH3899-12P/12S
30	24	6	101.7 mm	SRH3899-6P/24S
36	36	-	101.7 mm	SRH3899-36S
24	-	24	125.7 mm	SRH3899-24P
30	12	18	125.7 mm	SRH3899-18P/12S
36	24	12	125.7 mm	SRH3899-12P/24S
42	36	6	125.7 mm	SRH3899-6P/36S
48	48	-	125.7 mm	SRH3899-48S

*Please note that all dimensions can be modified upon customers request.

TRANSMISSION OF

Electric

Singals

Fieldbus

EtherCAT

Profinet

Sercos

Powerlink

Ethernet

Fluidic

Air

Oil

Water

CUSTOMIZATIONS

Cabels

Materials

Mechanical design

Flange

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LEAD COLOR CODE	1	2	3	4	5	6
SRH3899-6P In lead exit 1	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH3899-12S In red shrink tube	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH3899-12P In lead exit 1	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH3899-12P In lead exit 2	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH3899-18P In red shrink tube	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH3899-18P In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK
SRH2578-24P In red shrink tube	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
	7.PUP	8.GRY	9.BRN	10.ORN	11.DBLU	12.KHK
SRH3899-24P In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK
SRH3899-24P In blue shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK
SRH3899-24P In green shrink tube	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK

*For more colour codes, please contact us.