

SRH50120 SERIES

+ 50MM Through-bore



SRH50120 50mm 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

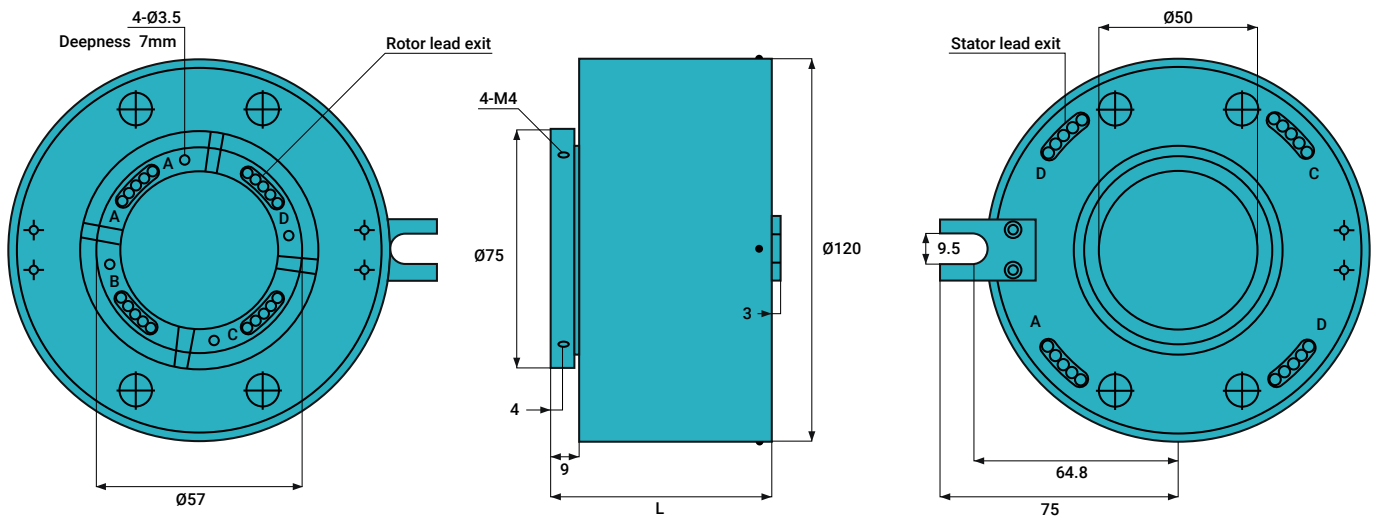
- Cable reels
- Medical equipment
- Packaging machines

TECHNICAL SPECIFICATIONS

Number of circuits	6, 12, 18, 24, 36, 48, 60, 72
Voltage	600 VAC
Cables/Current rating	Tin plated, PTFE insulation / 15 A or 10 A: AWG16 2 A: 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	MODELS				
	Total Rings	2A	10A / 15A	Length (L)	Model number
	6	-	6	70 mm	SRH50120-6P
	12	12	-	70 mm	SRH50120-12S
	12	-	12	100 mm	SRH50120-12P
	18	12	6	100 mm	SRH50120-6P/12S
	24	24	-	100 mm	SRH50120-24S
	18	-	18	130 mm	SRH50120-18P
	24	12	12	130 mm	SRH50120-12P/12S
	30	24	6	130 mm	SRH50120-6P/24S
	36	36	-	130 mm	SRH50120-36S
	24	-	24	160 mm	SRH50120-24P
	30	12	18	160 mm	SRH50120-18P/12S
	36	24	12	160 mm	SRH50120-12P/24S
	42	36	6	160 mm	SRH50120-6P/36S
	48	48	-	160 mm	SRH50120-48S
	30	-	30	190 mm	SRH50120-30P
	36	12	24	190 mm	SRH50120-24P/12S
	42	24	18	190 mm	SRH50120-18P/24S
	48	36	12	190 mm	SRH50120-12P/36S
	54	48	6	190 mm	SRH50120-6P/48S
	60	60	-	190 mm	SRH50120-60S
	36	-	36	220 mm	SRH50120-36P
	42	12	30	220 mm	SRH50120-30P/12S
	48	24	24	220 mm	SRH50120-24P/24S
	54	36	18	220 mm	SRH50120-18P/36S
	60	48	12	220 mm	SRH50120-12P/48S
	68	60	6	220 mm	SRH50120-6P/60S
	72	72	-	220 mm	SRH50120-72S

TRANSMISSION OF

Electric

- Singals

Fieldbus

- EtherCAT
- Profinet
- Sercos
- Powerlink
- Ethernet

Fluidic

- Air
- Oil
- Water

CUSTOMIZATIONS

- Cabels
- Materials
- Mechanical design
- Flange

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

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LEAD COLOR CODE	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH50120-6P In lead exit 1	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH50120-12S 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
SRH50120-12P 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
SRH50120-12P In lead exit 2	1.RED	2.YEL	3.BLK	4.BLU	5.GRN	6.WHT
SRH50120-18P 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
SRH50120-18P In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH50120-24P 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
SRH50120-24P In black shrink tube	13.RED	14.YEL	15.BLK	16.BLU	17.GRN	18.WHT
SRH50120-24P In blue shrink tube	19.PUP	20.GRY	21.BRN	22.ORN	23.DBLU	24.KHK

*For more colour codes, please contact us.