

- ▶ High protection slip rings
- ▶ Quick delivery
- ▶ Low cost
- ▶ Plenty of configurations available
- ▶ Signal and power circuits
- ▶ Compact size
- ▶ Low friction torque
- ▶ High reliability and duration
- ▶ Smooth operation
- ▶ In compliance with CE and ROHS

**servotecnica**

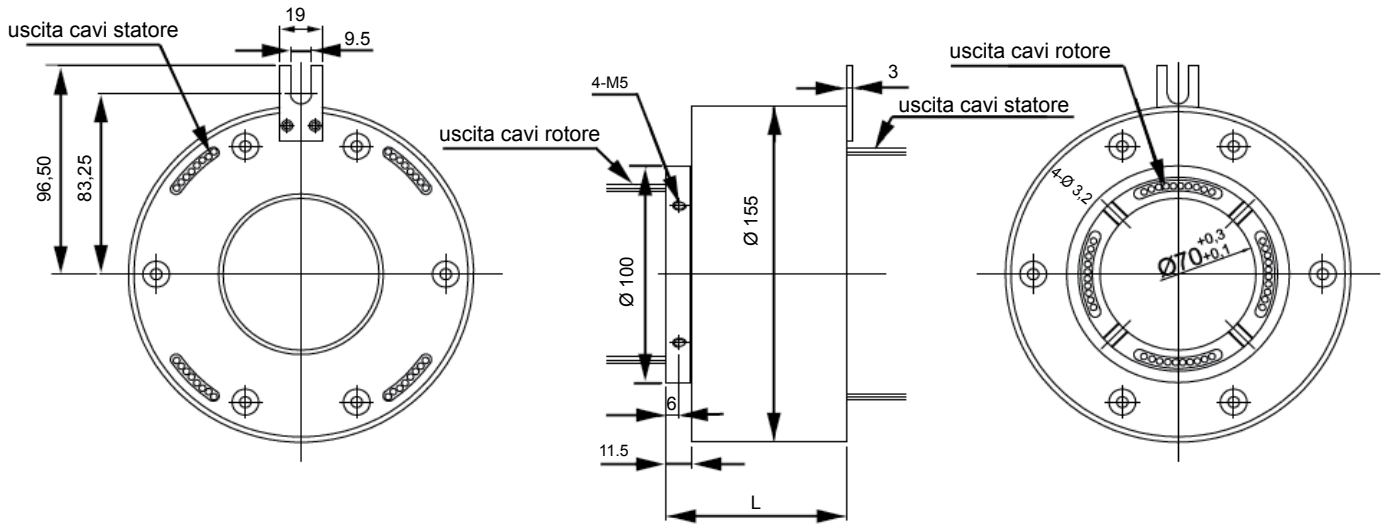


## **SRH 70155** *Series*



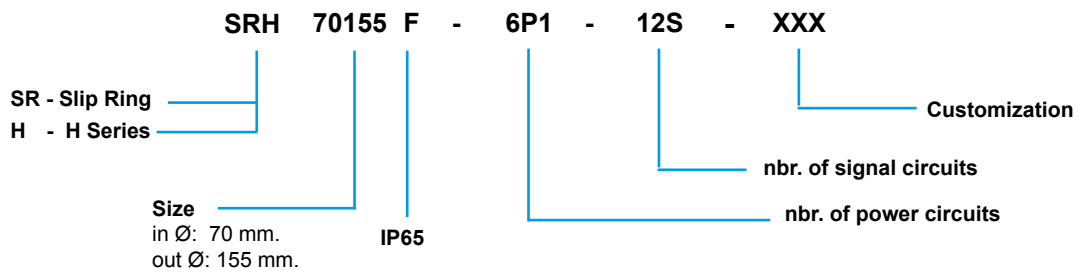
Model	Outside length "L" (typic - mm)	Nbr. of circuits		Rings total nbr.
		Power (15-20A)	Signals (5A)	
SRH 70155-6P	81	6	-	6
SRH 70155-12S	81	-	12	12
SRH 70155-12P	111	12	-	12
SRH 70155-6P/12S	111	6	12	18
SRH 70155-24S	111	-	24	24
SRH 70155-18P	141	18	-	18
SRH 70155-12P/12S	141	12	12	24
SRH 70155-6P/24S	141	6	24	30
SRH 70155-36S	141	-	36	36
SRH 70155-24P	171	24	-	24
SRH 70155-18P/12S	171	18	12	30
SRH 70155-12P/24S	171	12	24	36
SRH 70155-6P/36S	171	6	36	42
SRH 70155- 48S	171	-	48	48
SRH 70155-30P	201	30	-	30
SRH 70155-24P/12S	201	24	12	36
SRH 70155-18P/24S	201	18	24	42
SRH 70155-12P/36S	201	12	36	48
SRH 70155- 6P/48S	201	6	48	54
SRH 70155- 60S	201	-	60	60
SRH 70155-36P	231	36	-	36
SRH 70155-30P/12S	231	30	12	42
SRH 70155-24P/24S	231	24	24	48
SRH 70155-18P/36S	231	18	36	54
SRH 70155- 12P/48S	231	12	48	60
SRH 70155- 6P/60S	231	6	60	66
SRH 70155- 72S	231	-	72	72
SRH 70155-42P	261	42	-	42
SRH 70155-36P/12S	261	36	12	48
SRH 70155-30P/24S	261	30	24	54
SRH 70155- 24P/36S	261	24	36	60
SRH 70155- 18P/48S	261	18	48	66
SRH 70155- 12P/60S	261	12	60	72
SRH 70155- 6P/72S	261	6	72	78
SRH 70155- 84S	261	-	84	84
SRH 70155-48P	291	48	-	48
SRH 70155-42P/12S	291	42	12	54
SRH 70155-36P/24S	291	36	24	60
SRH 70155- 30P/36S	291	30	36	66
SRH 70155- 24P/48S	291	24	48	72
SRH 70155- 18P/60S	291	18	60	78
SRH 70155- 12P/72S	291	12	72	84
SRH 70155- 6P/84S	291	6	84	90
SRH 70155- 96S	291	-	96	96

SRH 70155 Standard	Dimensions (mm)
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"L" Length tolerance =  $\pm 1$  mm.

## ORDER CODE



## OTHER MODELS AVAILABLE

### SRH Series



### SRC Series



### SRC 032, 040 & 045 Series



### SRT Series



## SRH 70155 Series

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 also called rotary electrical interface, collector, swivel or rotary joint.

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 considerably reduced, besides granting low contact electric resistance.

No lubrication required.

## Standard applications

- ▶ Packaging machines
- ▶ Labelling machines
- ▶ Filling machines
- ▶ Robots
- ▶ Medical equipments
- ▶ Rotary tables and machine tools
- ▶ Converting machines
- ▶ Cables reels
- ▶ Pallets

## Standard features

- ▶ Nbr. of circuits: 6, 12, 18, 24, 30, 36, 42, 48, 60, 72, 84, 96 (up to 216 on demand)
- ▶ Current: power 15A continuous; 20A peak for 60": AWG14
- ▶ Voltage: power 600 VAC / VDC - Signals: 240 VAC / VDC
- ▶ Cables: tin plated; insulation PTFE
- ▶ 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 M $\Omega$  / 500 VDC - signals: > 500 M $\Omega$  / 500 VDC
- ▶ Dynamic contact resistance: < 0,01  $\Omega$
- ▶ Speed: 400 rpm. max
- ▶ Bearings: steel
- ▶ Housing: ABS (hard plastic)
- ▶ Temperature: -40°C to +80°C
- ▶ Protection: IP 51 (option IP65)

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