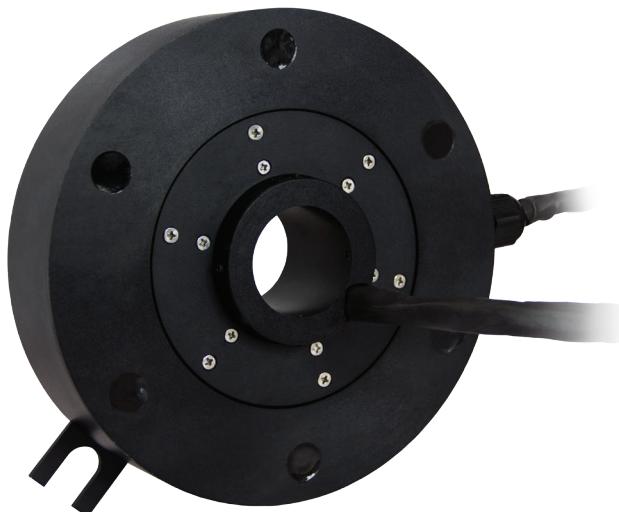


F Series

Flat Slip Rings



SUPER FLAT



POWER, SIGNALS & FIELDBUS



LONG-LIFE

The flat F Series Slip Rings have a special design that means these rotary joints have a height of only 45 mm ensuring up to 17 signal circuits and 3 power circuits up to 15 A.

These rotary joints are designed for applications where height is a critical factor, they provide performance similar to the C series from which they derive and are maintenance-free.

Benefits

Flat design

Long-life

Transmission of electric power/signals and fieldbuses in one unit

Many customisations available

Product code (detailed coding system on page 9)



SVTS **F** BB - **C** - **D** - **EE** / **FF** - **GGGG** / **HHHH** - **II** - **XXX**

1 Series **3** Protection¹ **5** Power circuits **7** Cable length - brushes side **9** Temperature range²

2 Model **4** Flange types **6** Signal circuits **8** Cable length - rings side **10** Special options

¹ IP51 [S]

² Standard [ST]

Main applications

Revolving doors

Rotary tables

Robots

Medical equipments

Packaging

Cable reels

Features

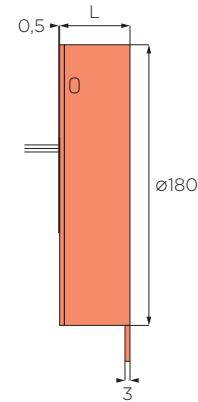
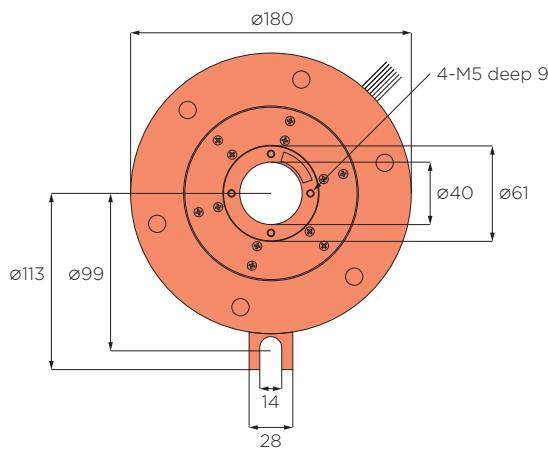
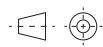
Nbr. of circuits	20 (more upon request)
Current	
Power	15A: AWG16
Signals	5A: AWG22
Voltage	400 VAC / 240 VDC
Cables	
Power	Tin plated / PVC insulated
Signals	Silver plated / PVC insulated
Cables length	500 mm standard (more lengths upon request)
Insulation resistance	
Power	> 1000 MΩ/500 VDC
Signals	> 500 MΩ/500 VDC
Nominal speed	250 rpm (higher speeds upon request)
Bearings	Steel
Housing	Aluminium
Temperature	-20°C to +80°C
Protection	IP51
Expected lifetime	10 ⁸ revolutions (depending on speed, environmental conditions and size)

SVTS F 01

Transmission of	Fieldbus	Fluidic (combined solutions)
Electric	Fieldbus	Fluidic (combined solutions)
Power		
Signals		

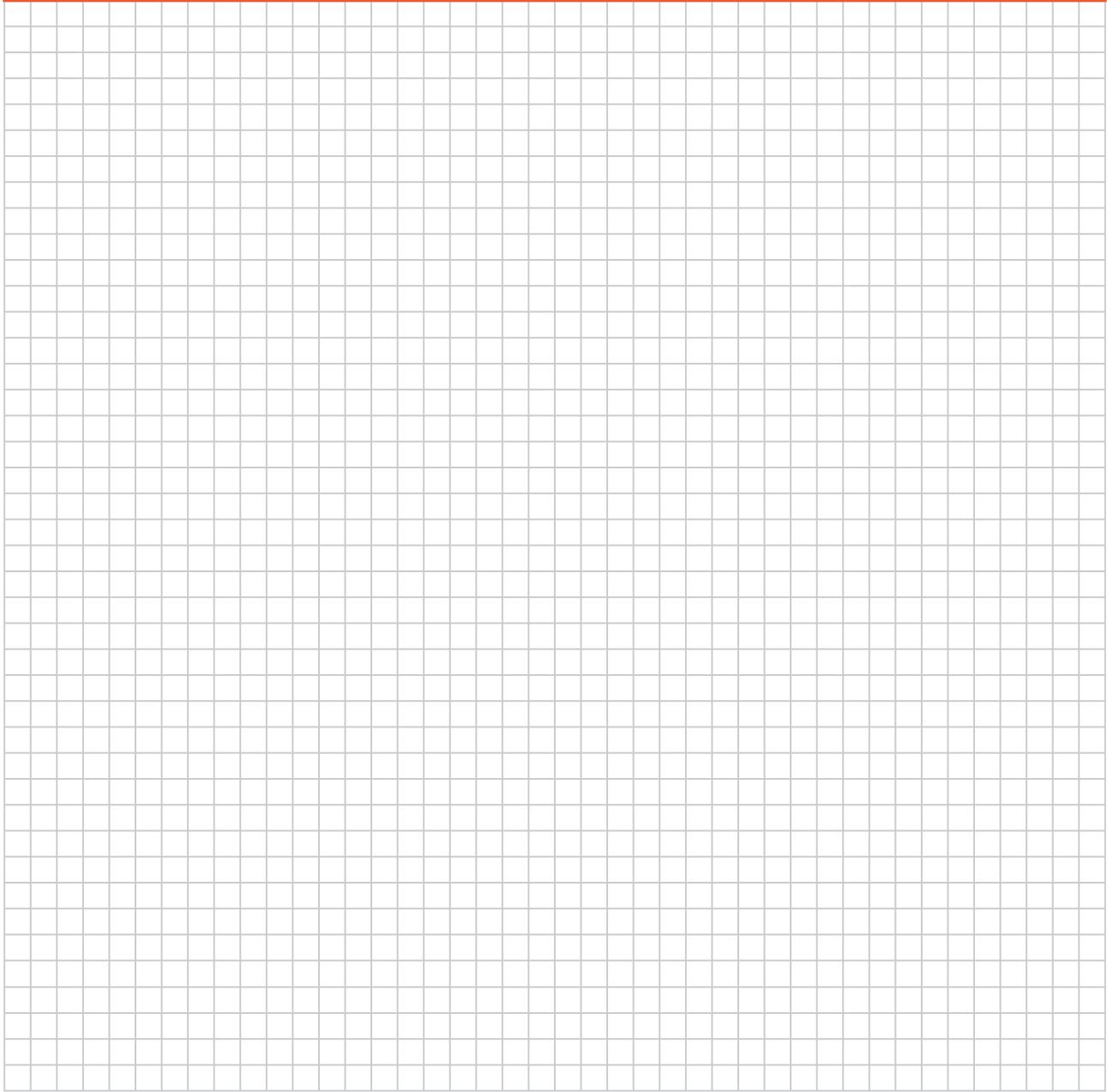
Customisations		
Cables	Flange	Materials
Treatments		

All dimensions in millimeters, unless otherwise specified



SVTS F 01

Custom cable length increase possible as multiples of 500mm



All dimensions in millimeters, unless otherwise specified