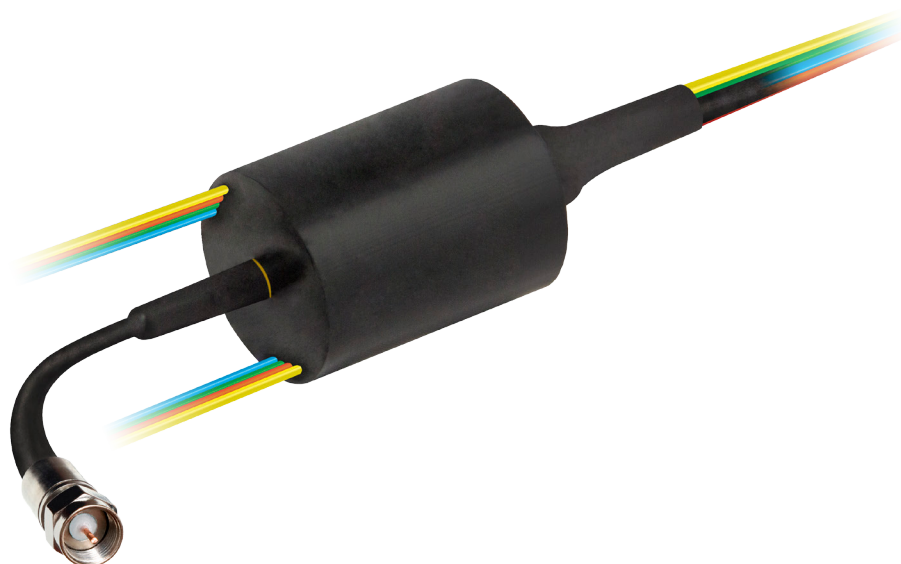


SVTS A Series

Radio frequency capsule Slip Rings



 HI-DEF VIDEO TRANSMISSION

 COMPACT

 HIGH CIRCUITS DENSITY

The radio frequency A Series Slip Rings are used to transfer 24 electrical signals from a stationary to a rotating structure, in conjunction with an RF channel.

The RF channel can transfer up to 3 GHz. Designed specifically for transferring high definition video signals (1080p / 3G-SDI o 1080i/HD-SDI), this series can fit RG178, RG316 and RG174 type coaxial cables.

Benefits

RF coaxial connection

High definition video transmission

Optimal signal transmission (gold-gold technology)

Compact

Light

High circuits density

Combinable with fluidic rotary joints and FORJ

Cost-effective

Product code (detailed coding system on page 9)

1 2 3 4 5 6 7 8 9 10
 SVTS A 06 - 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 options³

¹ IP51 [S]² Standard [ST]; Extended [ET]³ RG174 [01X]; RG316 [02X]; RG178 [03X]; RG179 [04X]; MMCX [0X1]; SMA [0X2]; SMB [0X3]; MCX [0X4]; BNC [0X5]

Main applications

RF systems

Optical heads

High definition video systems / CCTV

Features

Speed	100 rpm
Temperature	-20°C +80°C (-40°C as option)
Contact	Gold-gold (alloy)
Bearings	Miniature high-precision stainless steel ball bearings
Housing	ABS (hard plastic)
Connector	MMCX, SMA, SMB, MCX, BNC
Cable	RG174, RG136, RG178, RG179

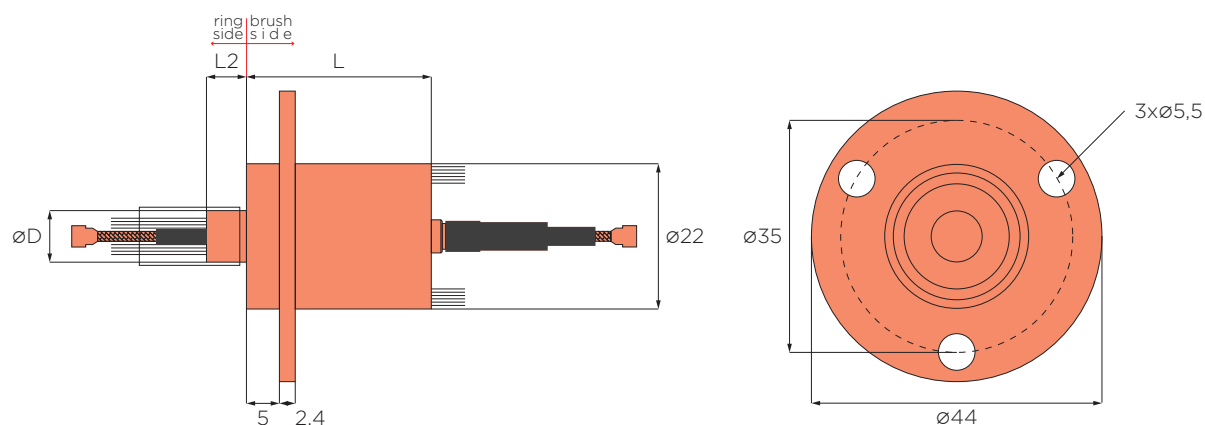
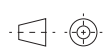
SVTS A 06

[illegible]

Transmission of		
Electric	Fieldbus	Fluidic (combined solutions)
Signals		
Video		

Customisations		
Cables	Mechanical design	Flange
Materials		

All dimensions in millimeters, unless otherwise specified



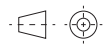
SVTS A 06

Custom cable length increase possible as multiples of 250mm

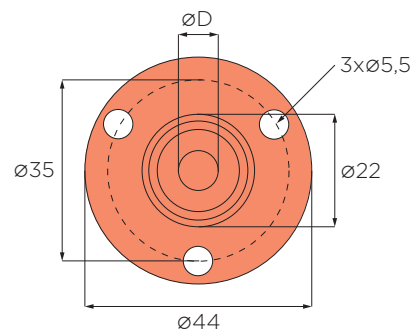
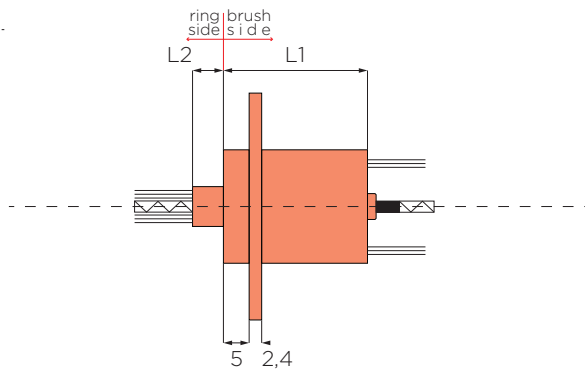


All dimensions in millimeters, unless otherwise specified

Flange types

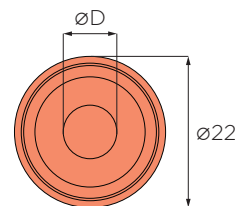
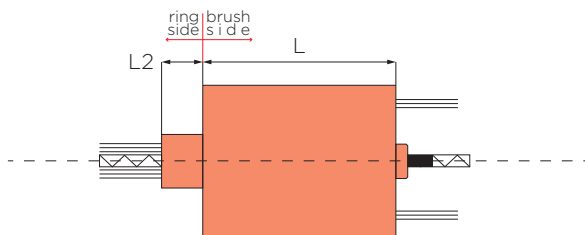


SVTSA 06



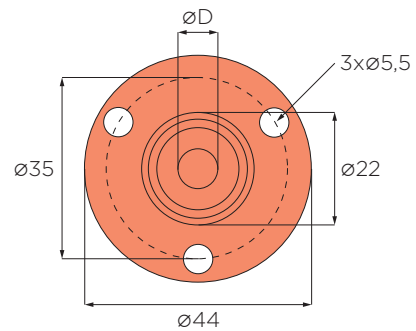
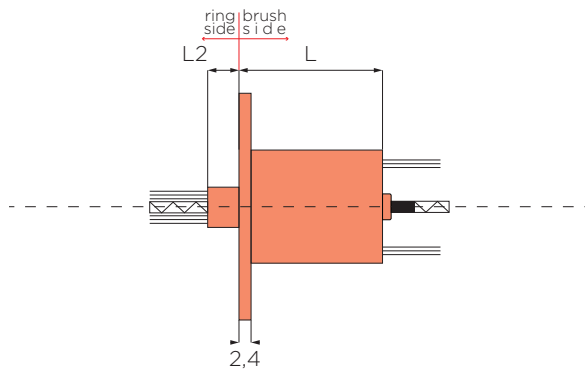
A FLANGE (STANDARD)

SVTSA 06

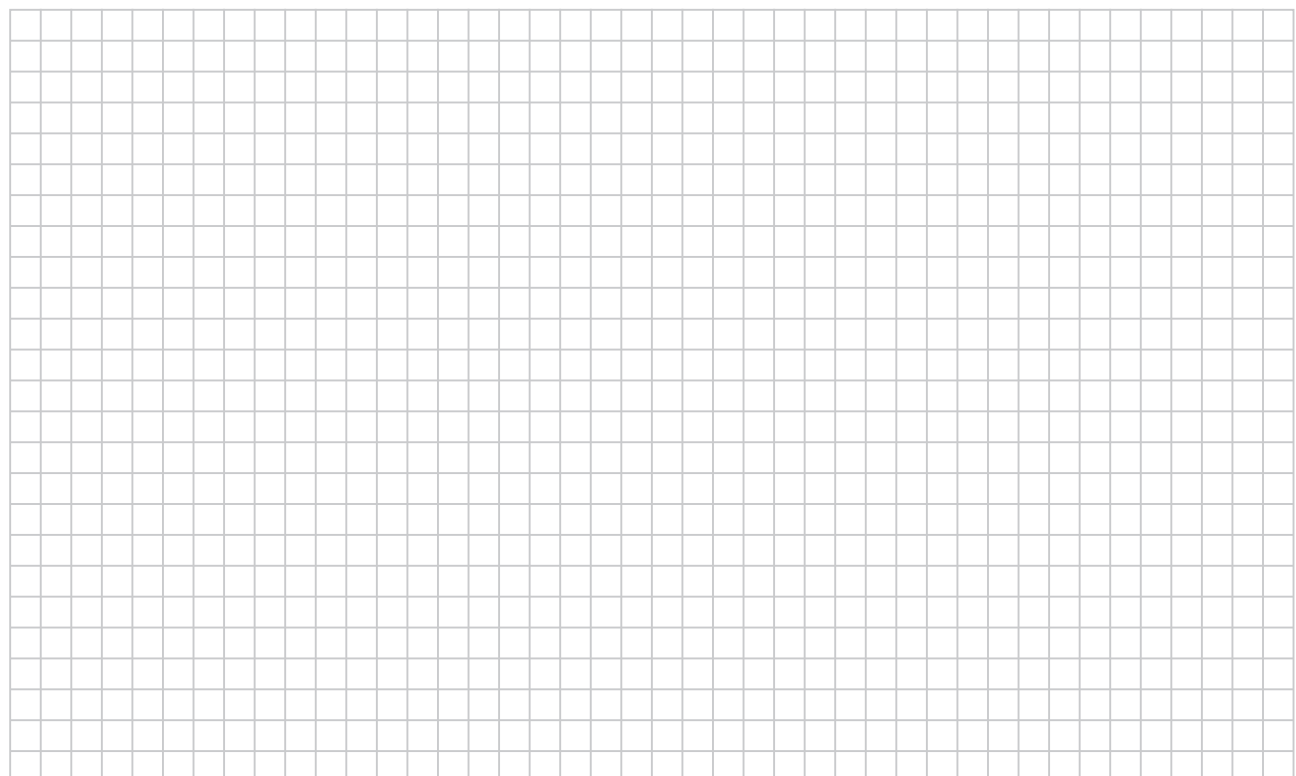


B FLANGE

SVTSA 06



C FLANGE



All dimensions in millimeters, unless otherwise specified