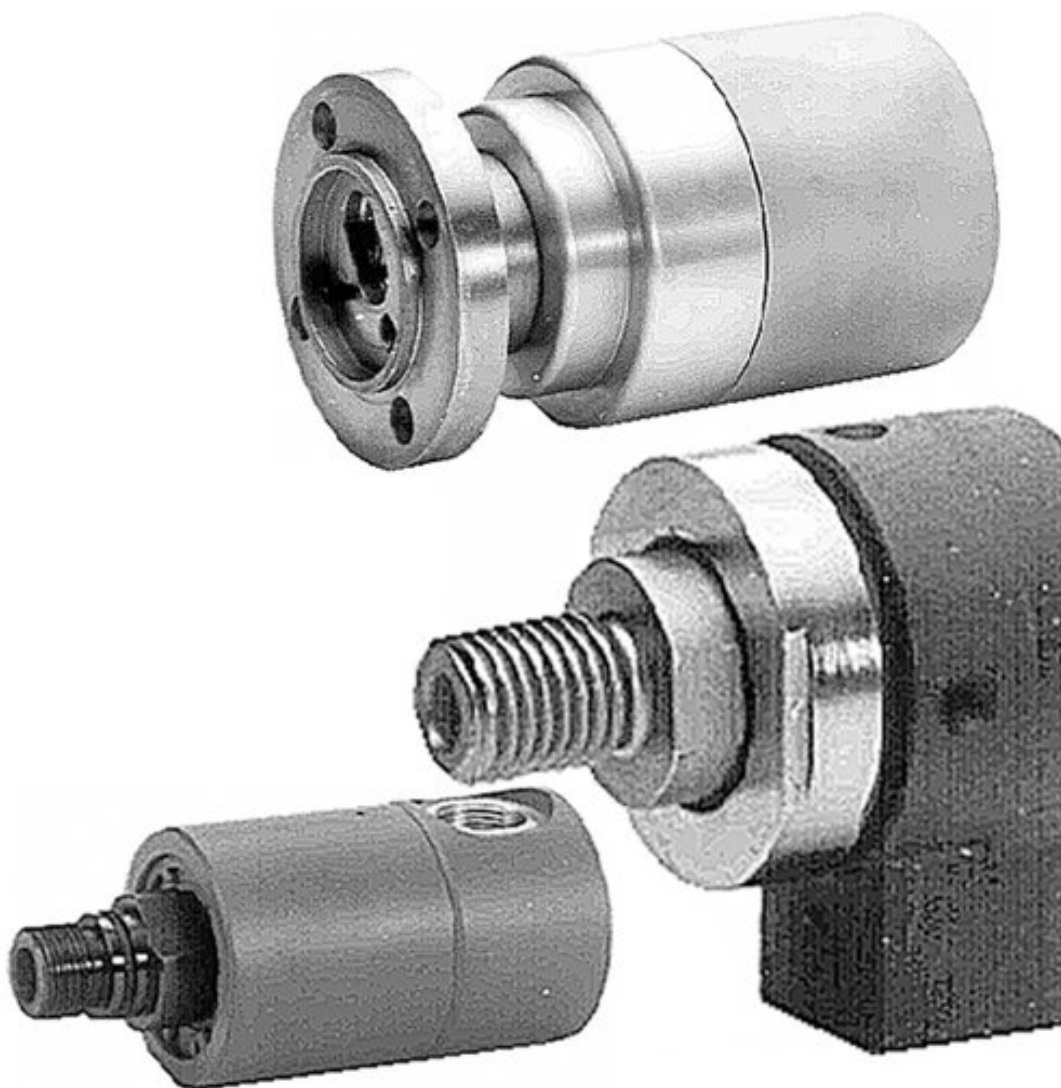


Rotary joints



AVENTICS™ Rotary joints



Rotary joint

- number of controlled lines 2

- Ø6 / Ø8



Working pressure min./max.

0 ... 7 bar

Ambient temperature min./max.

-25 ... 40 °C

Medium

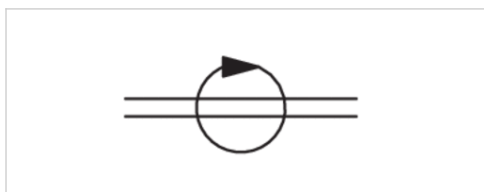
Compressed air

Speed max.

400 1/min

Weight

1.5 kg



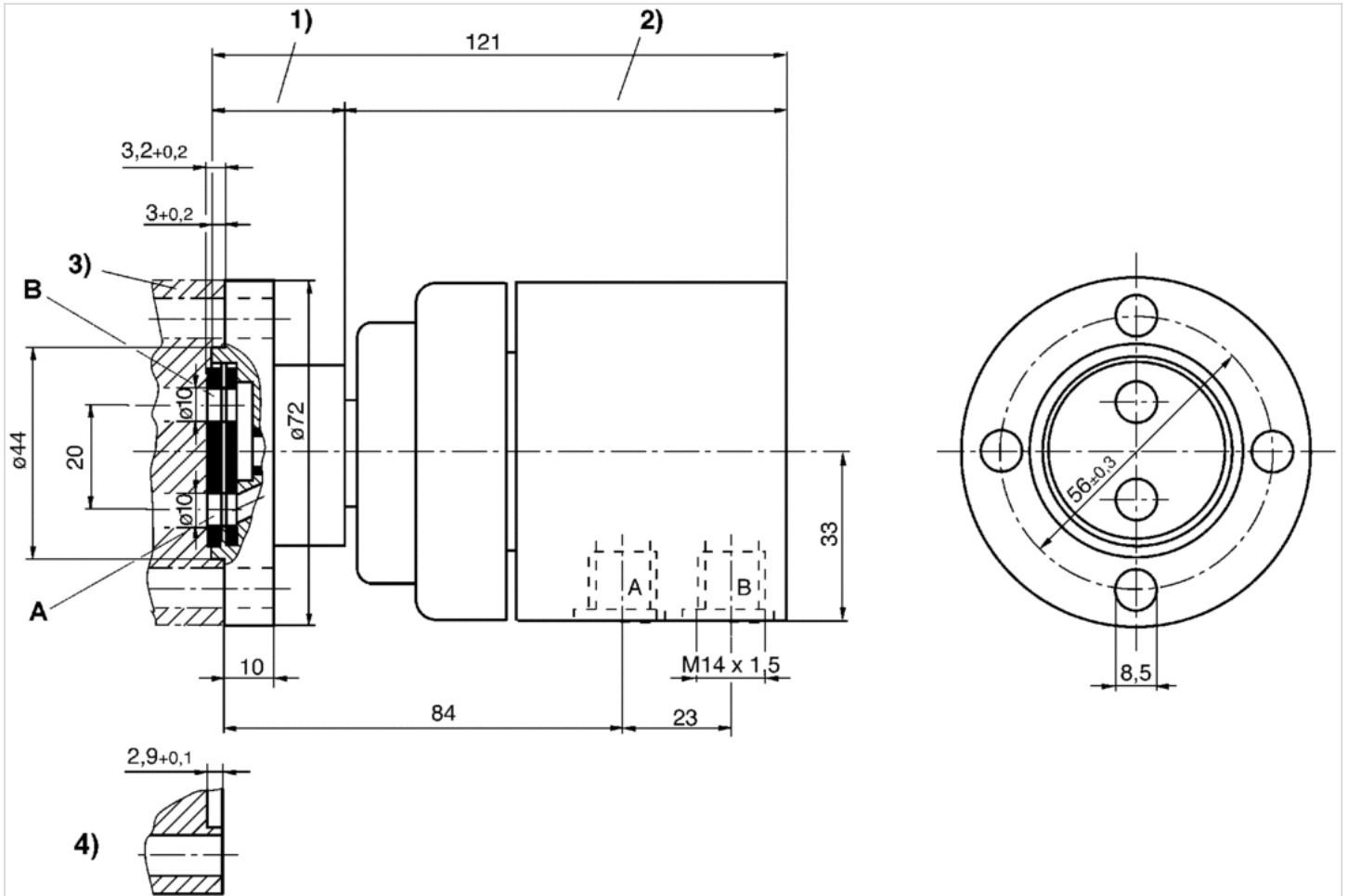
Technical data

Part No.	Compressed air connection	Rotary joint
3531060010	M14x1,5	Ø6 / Ø8

Sealing disk included in the scope of delivery

Dimensions

Dimensions



1) rotor 2) stator 3) shaft 4) channel depth in shaft
 A = through-hole \varnothing 6
 B = through-hole \varnothing 8

Rotary joint

- number of controlled lines 1

- M16, right M16, left



Working pressure min./max.

0 ... 8 bar

Medium temperature min./max.

-25 ... 40 °C

Medium

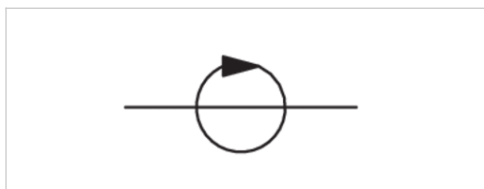
See table below

Speed max.

1270 1/min

Weight

0.33 kg

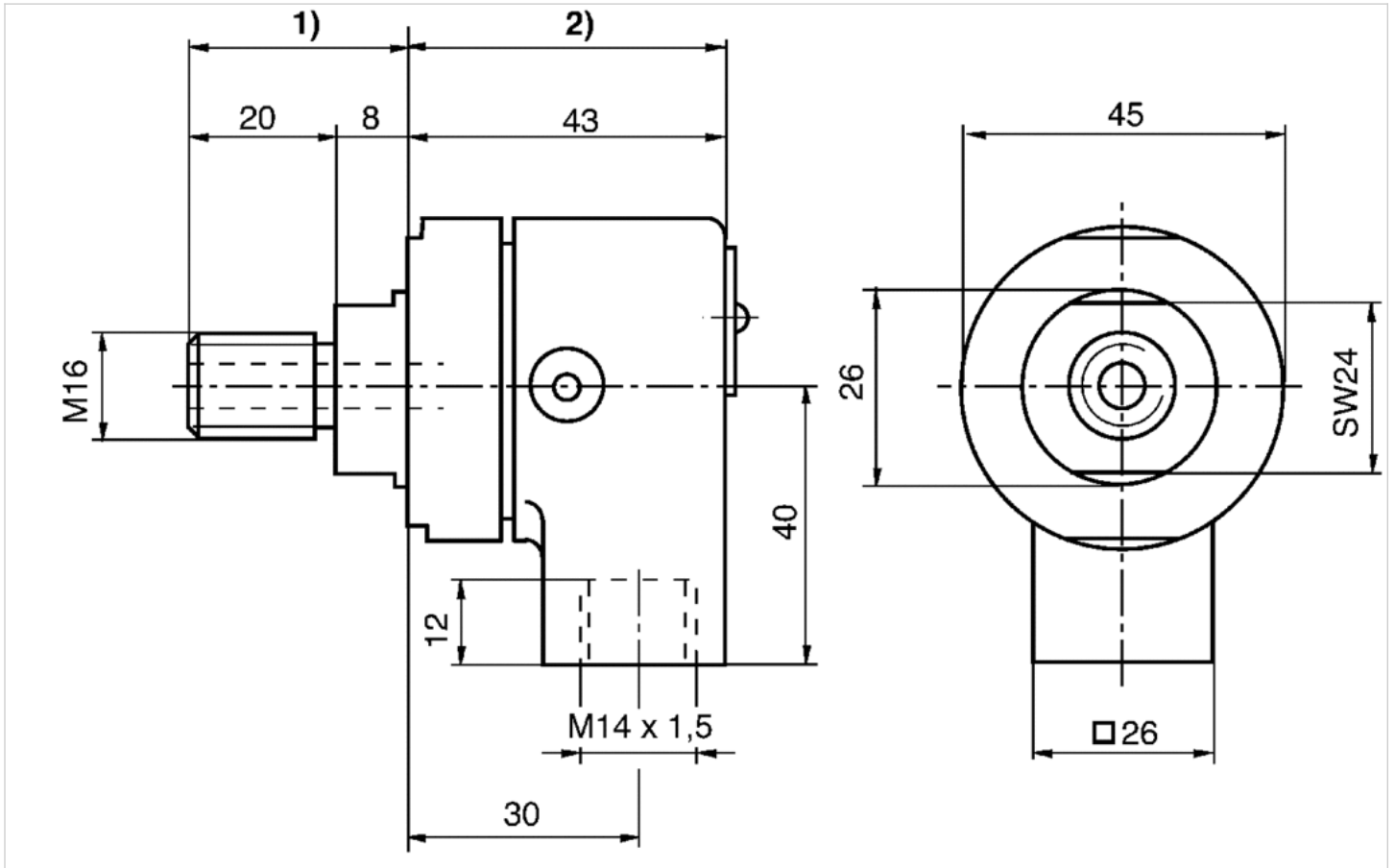


Technical data

Part No.	Compressed air connection	Rotary joint	Medium
3531080010	M14x1,5	M16, right	Compressed air
3531080030	M14x1,5	M16, left	Compressed air
3531080040	M14x1,5	M16, right	Water

Dimensions

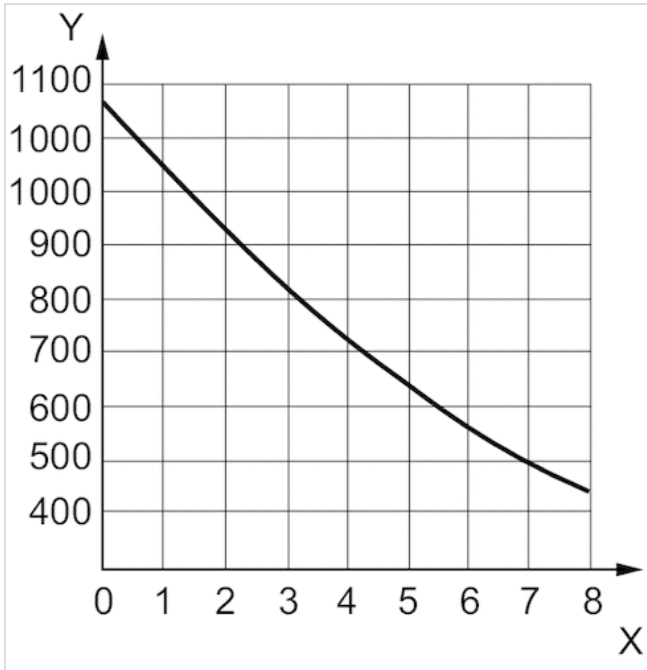
Fig. 1



1) Rotor 2) Stator

Diagrams

Diagram



The diagram is valid at max. 20°C ambient temperature. x: Working pressure p [bar] y: Speed n [rpm]

Rotary joint

- number of controlled lines 1

- M22x1,5, right



Working pressure min./max.

0 ... 8 bar

Medium temperature min./max.

-25 ... 40 °C

Medium

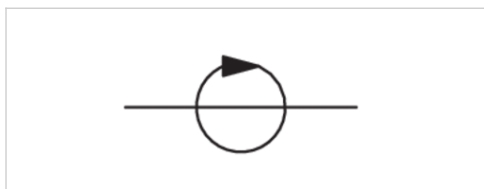
Compressed air

Speed max.

1000 1/min

Weight

0.7 kg

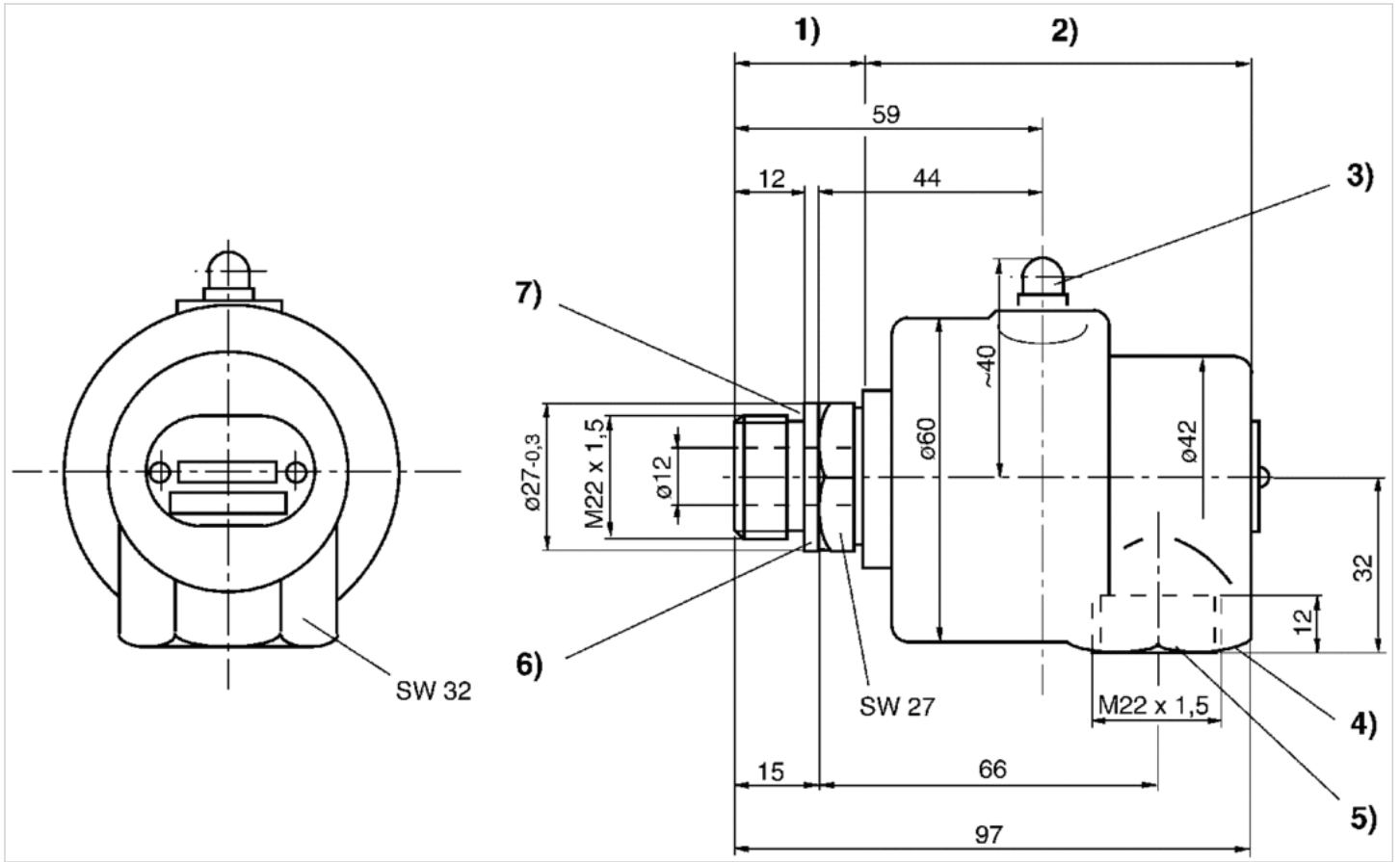


Technical data

Part No.	Compressed air connection	Rotary joint
3531070000	M22x1,5	M22x1,5, right

Dimensions

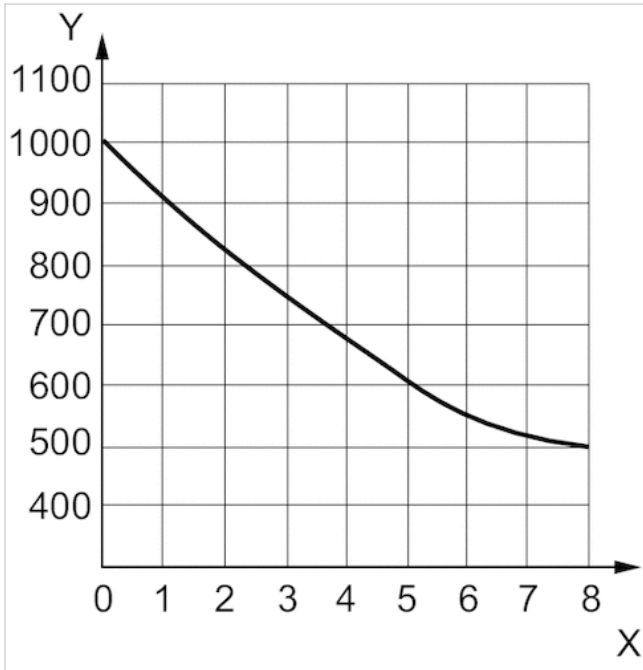
Dimensions



1) rotor 2) stator 3) tapered grease nipple AM 6 DIN 71 412 4) sealing surface 5) compressed air supply 6) centering 7) sealing surface

Diagrams

Diagram



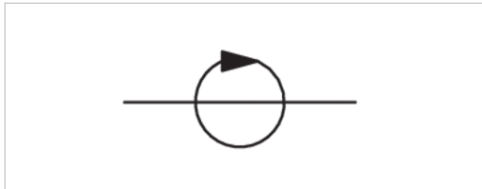
The diagram is valid at max. 20°C ambient temperature. x: Working pressure p [bar] y: Speed n [rpm]

Rotary joint

- number of controlled lines 1
- M22x1,5, right



Working pressure min./max.	0 ... 8 bar
Medium temperature min./max.	-25 ... 40 °C
Medium	Compressed air
Speed max.	3000 1/min
Weight	0.98 kg

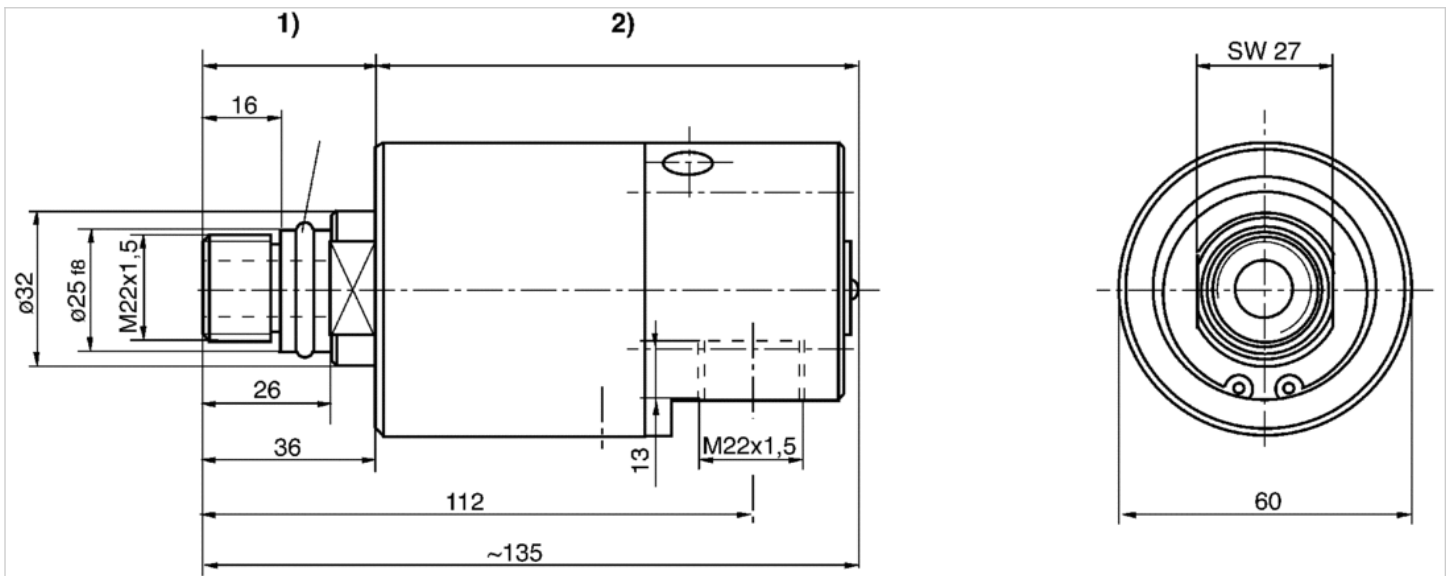


Technical data

Part No.	Compressed air connection	Rotary joint
3531170000	M22x1,5	M22x1,5, right

Dimensions

Dimensions



1) Rotor 2) Stator

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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