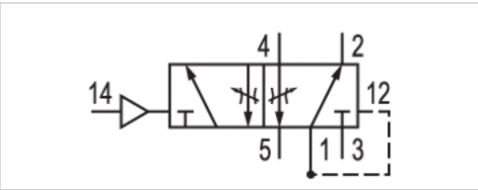


5/2-directional valve, Series 740-CP

- Qn = 950 l/min
- Compressed air connection output Ø 10x1
- With air spring return
- Pipe connection
- Can be assembled into blocks
- corrosion-protected
- Manual override without
- suitable for ATEX



Type	Diaphragm poppet valve
Activation	pneumatically
Pilot	Internal
Sealing principle	Soft sealing
Blocking principle	Single base plate principle Plate principle
Flow rate value Qn	950 l/min
Working pressure min./max.	2 ... 10 bar
Ambient temperature min./max.	-15 ... 60 °C
Medium temperature min./max.	-15 ... 60 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 5 mg/m³
Mounting on manifold strip	PRS strip
Weight	0,18 kg

Technical data

Part No.	Compressed air connection	
	Input	Output
5717451000	Ø 10x1	Ø 10x1

Part No.	Compressed air connection	Compressed air connection	Throttle
	Exhaust	Pilot control exhaust	
5717451000	M14x1	Ø 8x1	with throttle

Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The oil content of compressed air must remain constant during the life cycle.

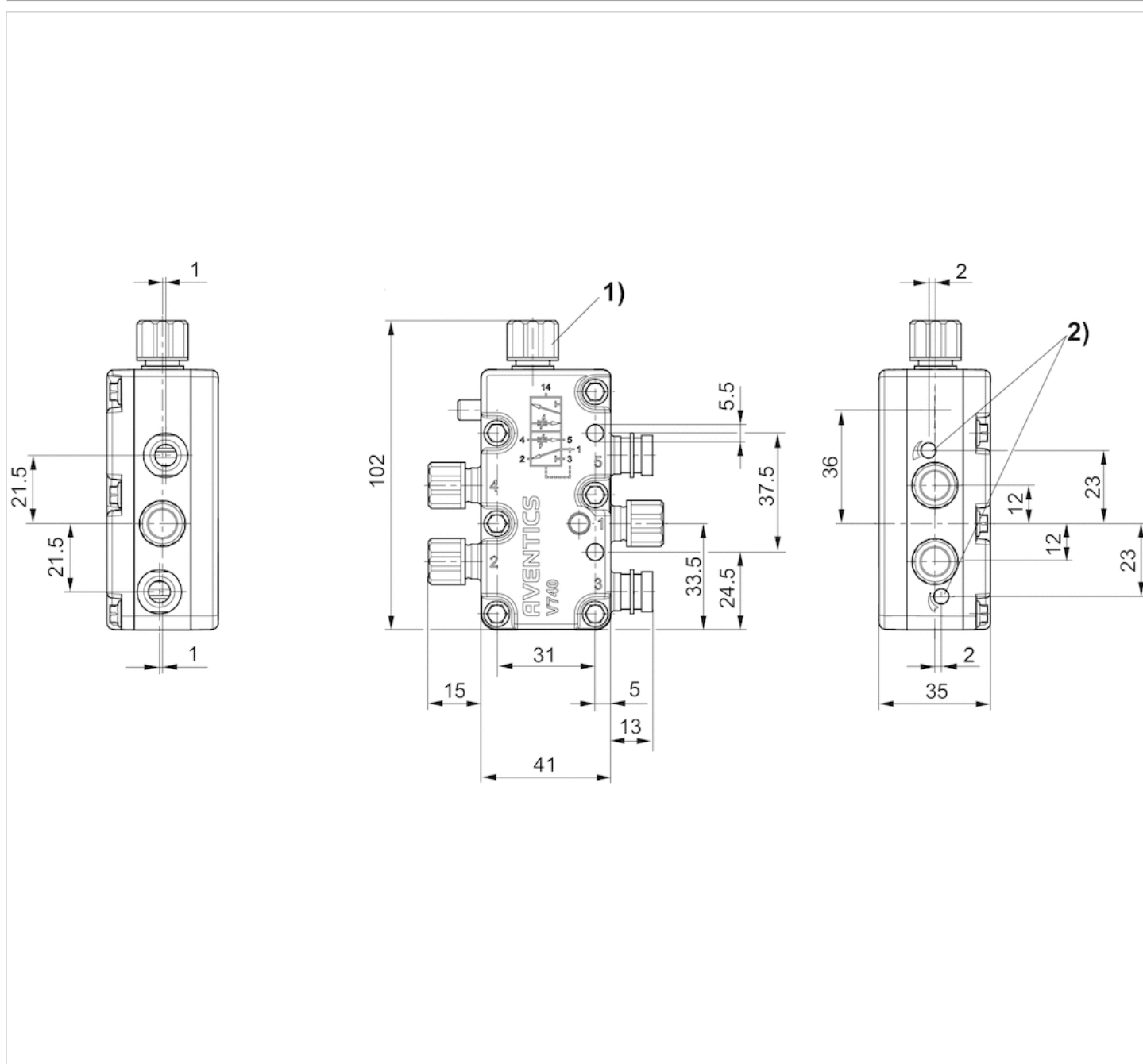
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Material	
Housing	Polyoxymethylene
Seals	Acrylonitrile butadiene rubber
Front plate	Polyarylamide

Dimensions

Dimensions

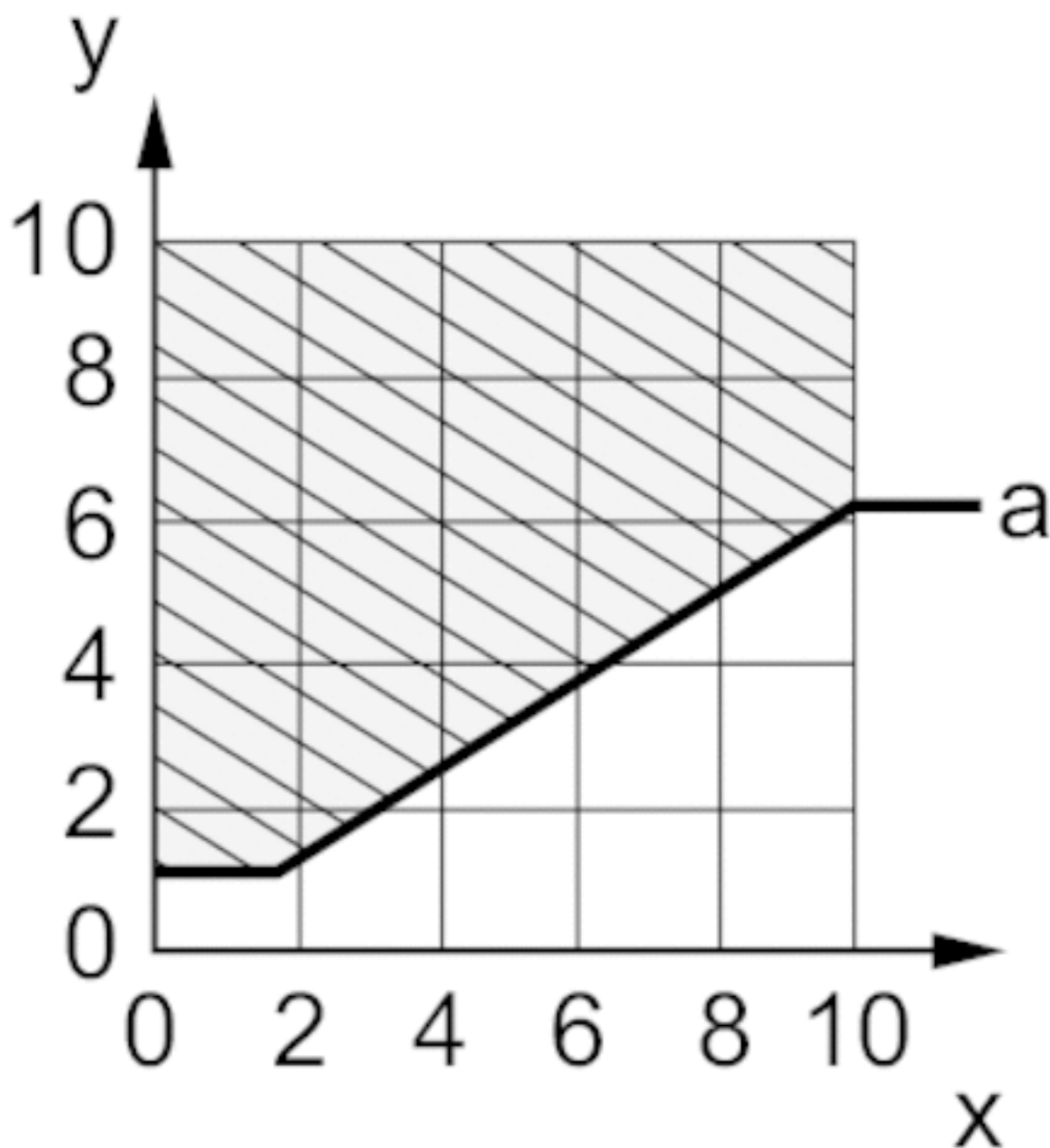


1) for pipe Ø 8 x 1

2) flow control screw for exhausts 5 (R) and 3 (S)

Diagrams

Pilot pressure range



x: Working pressure (0 bar ... 10 bar)

y: Pilot pressure (1 bar ... 6 bar)

a: Min. pilot pressure at port 14 (Z) depending on working pressure

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