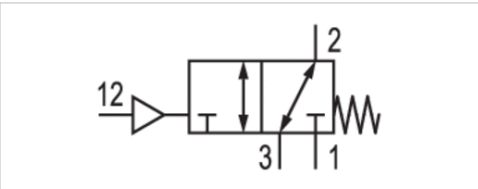


3/2-directional valve, Series 563

- Qn = 1350 l/min
- Compressed air connection output G 1/4
- Plate connection



Type	Poppet valve
Activation	pneumatically
Flow rate value Qn	1350 l/min
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Weight	0,3 kg



Technical data

Part No.	Compressed air connection		Working pressure min./max.
	Input	Output	
5632010000	G 1/4	G 1/4	-1 ... 10 bar
5632310000	G 1/4	G 1/4	-1 ... 30 bar
5632510000	G 1/4	G 1/4	-1 ... 10 bar

Part No.	Control pressure min./max.	Ambient temperature min./max.	Medium temperature min./max.	
5632010000	3,5 ... 10 bar	-20 ... 70 °C	-20 ... 70 °C	-
5632310000	5,5 ... 10 bar	-20 ... 70 °C	-20 ... 70 °C	1)
5632510000	3,5 ... 10 bar	-20 ... 120 °C	-20 ... 120 °C	2)

Nominal flow Qn at 6 bar and Δp = 1 bar

- 1) The valves are available either with "pressurizing" or "exhaust" function. The 30 bar version can only be switched to "pressurizing" mode.
- 2) Seal: Fluorocautchouc

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.

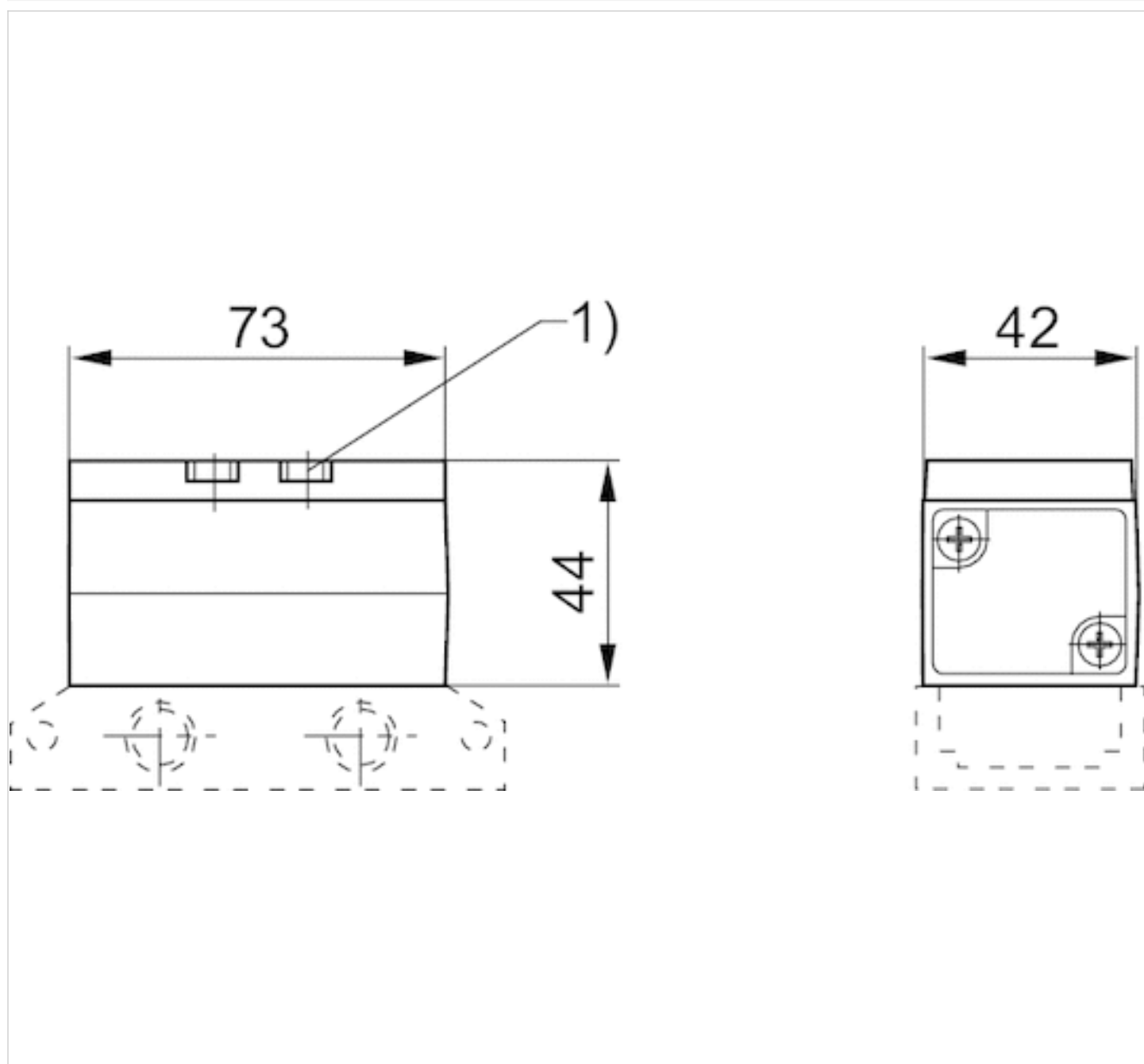
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum
Seals	Acrylonitrile butadiene styrene Fluorocautchouc

Dimensions

Dimensions



1) Tightening torque for mounting screws: 2.7 ± 0.3 Nm

Base plate not included in the scope of delivery

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



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