



3/2-directional valve, Series ST

- $Q_n = 280$ l/min
- Compressed air connection output G 1/8
- Single air pilot
- With spring return With air spring return
- Pipe connection



Type	Spool valve
Activation	pneumatically
Sealing principle	metal/metal sealing
Flow rate value Q_n	280 l/min
Working pressure min./max.	-0,95 ... 10 bar
Control pressure min./max.	See table below
Ambient temperature min./max.	-15 ... 80 °C
Medium temperature min./max.	-15 ... 80 °C
Medium	Compressed air
Max. particle size	5 μ m
Oil content of compressed air	5 ... 25 mg/m ³
Mounting screw	M4 with hexagon socket
Mounting screw tightening torque	2,5 Nm
Weight	See table below

Technical data

Part No.		Compressed air connection	Compressed air connection
		Input	Output
0820212001		G 1/8	G 1/8
0820213001		G 1/8	G 1/8

Part No.	Compressed air connection	Control pressure min./max.	Weight
	Exhaust		
0820212001	G 1/8	2 ... 10 bar	0,18 kg
0820213001	G 1/8	1,8 ... 10 bar	0,19 kg

Nominal flow Q_n at 6 bar and $\Delta p = 1$ 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).

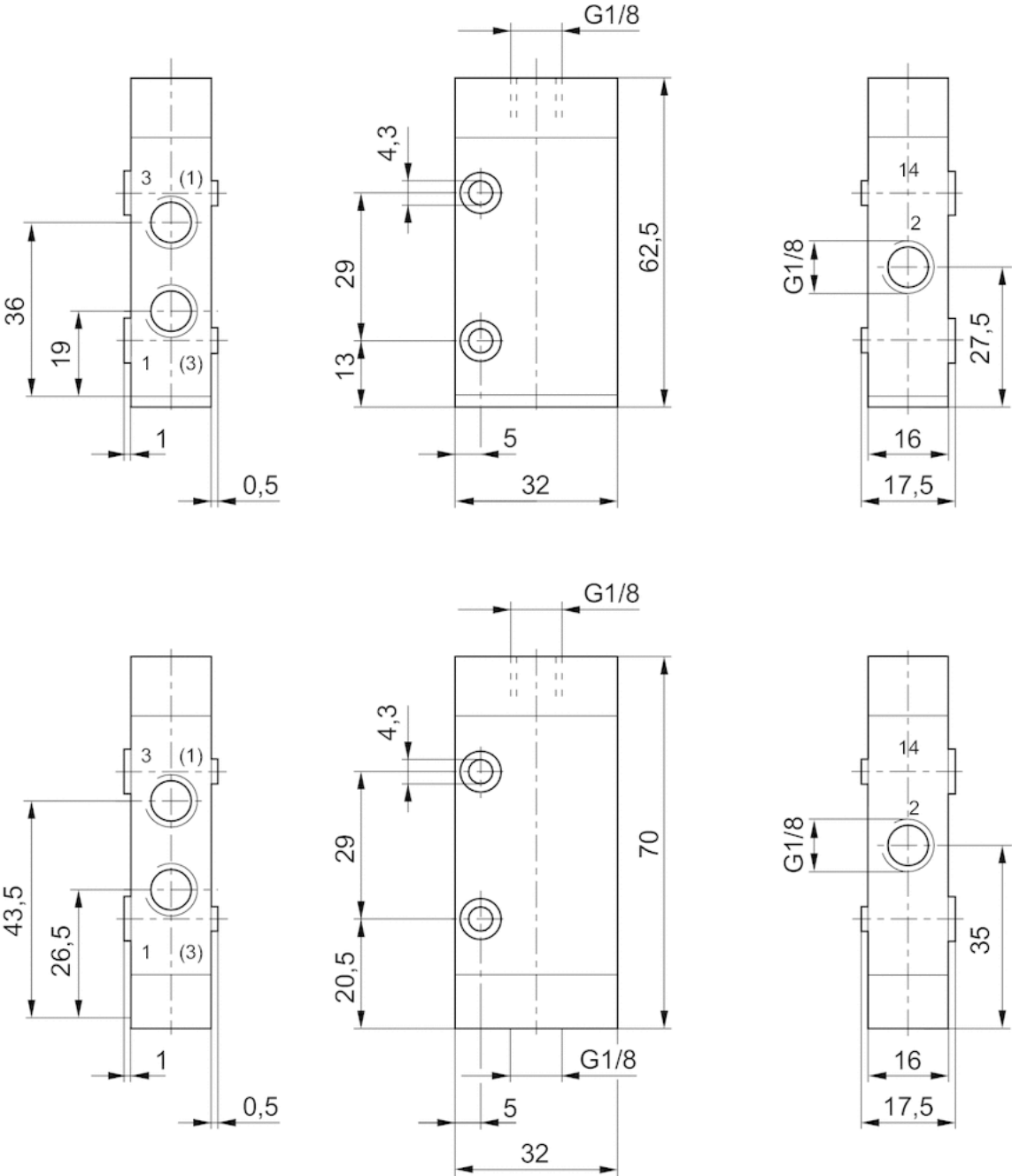
Notice: This product may only be operated with oiled compressed air.

Technical information

Material	
Housing	Stainless steel, hardened
Seals	Acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Brass

Dimensions

Dimensions



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



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