3/2-way valve

pneumatic - »3A« series

EASY

Art. No. **116051**

Type No. **516.3005**



Exemplary illustration

3/2-way pilot valves

- Pneumatic -

Technical data

Operation	pneumatic
Function	3/2 bistable
Connection	G 3/8 IT
Exhaust connection	G 3/8 IT
Control air port	G 1/8 IT
Flow cross-section	30.0 mm²
Flow rate measurement	at P_1 = 8 bar, P_2 = 6 bar and pressure drop Δ_p = 1 bar
Flow rate	1500 l/min
Medium	filtered compressed air (min. ≤ 40 µm) with or without lubrication. If lubricated, then continuous.
Operating pressure	1.5 - 8 bar
Test pressure	15 bar
Temperature range	-20 to 70 °C
Valve body	aluminium alloy
Size	300
Maximum switching frequency	5 switching cycles
Series	3A

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Commercial data

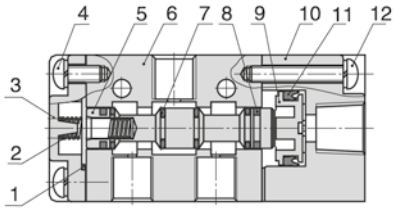
Customs tariff number	84818079
Country of origin	CN
eCl@ss 5.1.4	27291501
eCl@ss 9.0	27291390
UNSPSC_Code_v190501	40141603
UNSPSC_CodeDesc_v190501	Pneumatic valves

Material informations

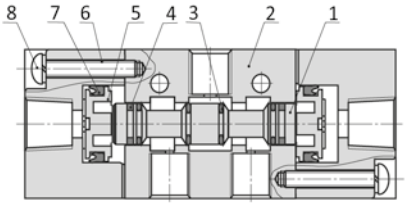
RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Components and material

3/2-Wegeventil, monostabil



3/2-Wegeventil, bistabil



No.	Item	Material
1	Spool	Aluminium alloy
2	Body	Aluminium alloy
3	O-ring	HNBR
4	Wear ring	PA66
5	Piston	POM
6	Pilot body	Aluminium alloy
7	O-ring	NBR
8	Screw	Steel

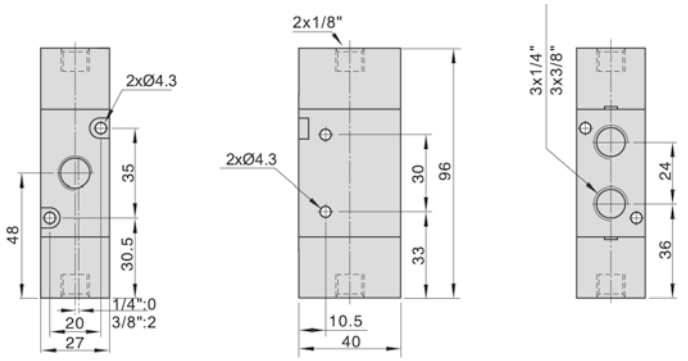
Port identification pneumatic valves

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	Designation at the valve	Corresponds to ISO 1219-1
Input port	P	1
Output port	A	2
Output port	B	4
Exhaust port	R	3
Exhaust port	S	5
Control port	Y	12
Control port	Z	14

Dimensions [mm]



Connection	Exhaust connection	Control air port
G 3/8 IT	G 3/8 IT	G 1/8 IT

Accessories

	Art. No.	Type No.
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 2 valve positions, for valves connection G 1/4, G 3/8	116221	5510.02-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 3 valve positions, for valves connection G 1/4, G 3/8	116224	5510.03-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 4 valve positions, for valves connection G 1/4, G 3/8	116227	5510.04-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 5 valve positions, for valves connection G 1/4, G 3/8	116230	5510.05-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 6 valve positions, for valves connection G 1/4, G 3/8	116233	5510.06-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 7 valve positions, for valves connection G 1/4, G 3/8	116236	5510.07-38
Multi-base plate for 3/2-way valve pneumatic / electropneumatic, 8 valve positions, for valves connection G 1/4, G 3/8	116239	5510.08-38

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