5/3-way valve

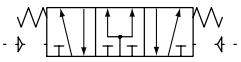
pneumatic - »4A« series

EASY

Art. No. **116086**

Type No. **516.8006**





Exemplary illustration

5/3-way pilot valves

- Pneumatic -

Technical data

Operation	pneumatic
Function	5/3 mid-position pressurised
Connection	G 1/2 IT
Exhaust connection	G 1/2 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	1600 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	400
Maximum switching frequency	3 switching cycles
Series	4A

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Commercial data

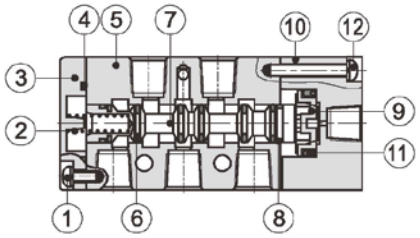
Customs tariff number	84818079
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UNSPSC_Code_v190501	40141603
UNSPSC_CodeDesc_v190501	Pneumatic valves

Material informations

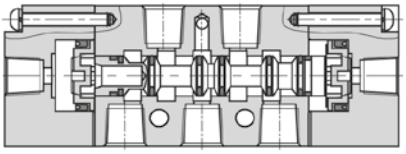
REACH SVHC1 substance name	no
CAS no. SVHC 1	no CAS No.
RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Components and material

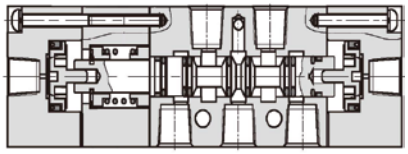
5/2-way pilot valve, monostable



5/2-way pilot valve, bistable



5/3-way pilot valve



No.	Item	Material
1	Screw	Steel
2	Spool spring	Stainless steel
3	Cover	Aluminium alloy
4	Gasket	NBR
5	Body	Aluminium alloy
6	Spool O-ring	HNBR
7	Spool	Aluminium alloy
8	Wear ring	PA 66
9	Piston	POM
10	Pilot body	Aluminium alloy
11	Piston O-ring	NBR
12	Screw	Steel

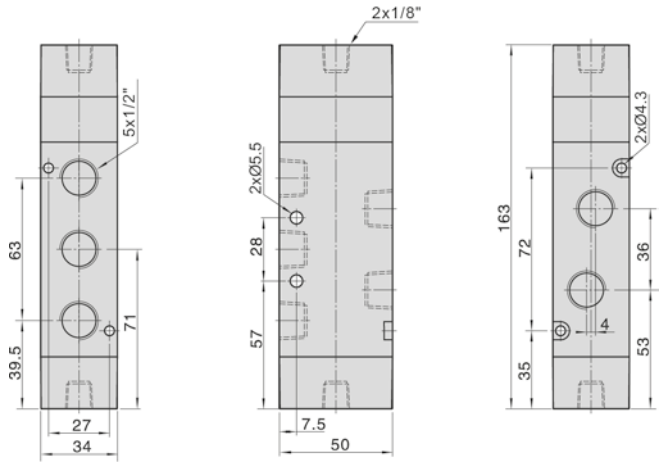
Port identification pneumatic valves

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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 1/2 IT	G 1/2 IT	G 1/8 IT

Accessories

	Art. No.	Type No.
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 2 valve positions, Valve connection G 1/2	116243	5520.02-12
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 3 valve positions, Valve connection G 1/2	116247	5520.03-12
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 4 valve positions, Valve connection G 1/2	116251	5520.04-12
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 5 valve positions, Valve connection G 1/2	116255	5520.05-12
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 6 valve positions, Valve connection G 1/2	116259	5520.06-12

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Accessories

	Art. No.	Type No.
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 7 valve positions, Valve connection G 1/2	116263	5520.07-12
Multi-base plate for 5/2-5/3-way valve pneumatic / electropneumatic, 8 valve positions, Valve connection G 1/2	116267	5520.08-12

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