5/2-way valves, G 1/4

## Cassette valve

Double pilot valve without sub-base

Type CJ-5/2-1/4

The valve is actuated by means of alternating pilot signals to ports 14 and 12. The switching position is retained after the signal is removed, until a counter-signal is received.

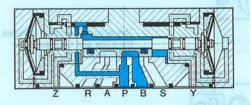
### Mounting possibilities:

This cassette valve can be mounted directly on all FESTO sub-bases (see next

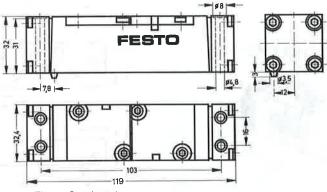
The mounting screws (4 bolts, M5  $\times$  55 DIN 84) are supplied with the valve.

#### Note:

Basic cassette valve, set of wearing parts and additional valve variants, see sheet 2.950.







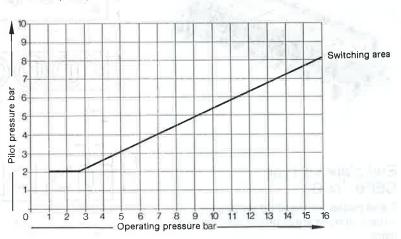
= Supply port

4, 2 (A, B) = Working or outlet lines

5, 3 (R, S) = Exhaust

12, 14 (Y, Z) = Pilot lines

Minimum pilot pressure as a function of operating pressure



Order code	Part No./Type	5736 CJ-5/2- <sup>1</sup> / <sub>4</sub>					
Medium		Compressed air, filtered (lubricated or unlubricated)					
Design		Flat slide valve with diaphragm control					
Mounting		On sub-bases (see next page)					
Connection	Working lines	G <sup>1</sup> / <sub>4</sub> (sub-base)	- ME - U				
	Pilot lines	G <sup>1</sup> /s (sub-base)					
Nominal size		6.5 mm					
Standard nominal flow rate (1 → 4)		1140 l/min (basic valve)					
Operating pressure range		1 to 16 bar					
Pilot pressure range		2 to 10 bar (see graph)					
Response time at 6 bar		19 ms					
Ambient temperature		−5 to +40° C					
Medium temperature		-10 to +60° C					
Materials		Housing: aluminium casting; diaphragms: polyurethane; seals: perbunan					
Weight		0.270 kg					



Standard sub-bases as per CETOP and DIN (VDMA), see pages 2.950 and 2.952.

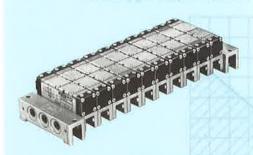
# Sub-base Type CAS-1/4 Ports at the side



Sub-base Type CAU-1/4
Ports underneath



Sub-base Type CAB-1/4 for manifold mounting



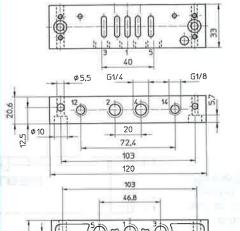
# End plate kit Type CEPB-1/4-B

2 end plates for manifold mounting Mounting bolts are supplied with the end plate.

# Isolating disc Type CSC-1/4

To seal the common lines P, R, and S, between the end plate and sub-base or between 2 sub-bases.

In comparison with standard sub-bases, FESTO sub-bases require considerably less space for fitting, thus enabling more valves per manifold.



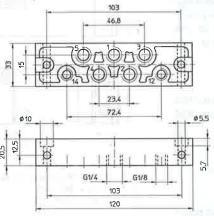


1 (P) = Supply port

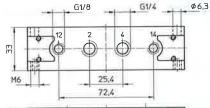
4, 2 (A, B) = Working or outlet lines

5, 3 (R, S) = Exhaust

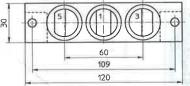
12, 14 (Y, Z) = Pilot lines



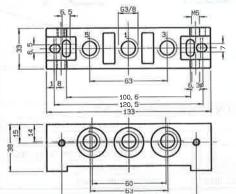








The scope of delivery includes the bolts and O-rings required for mounting.





Order code	Part No./Type	5830 CAS-1/4	5831 CAU-1/4	5829 CAB-1/4	10405 CEPB-1/4-B	5670 CSC-1/4
Mounting		Through-holes		Manifold mounting		9= 1
Connection	Working lines	G <sup>1</sup> / <sub>4</sub>	G 1/4	G 1/4	G <sup>3</sup> / <sub>8</sub>	- 1
	Pilot lines	G <sup>1</sup> / <sub>8</sub>	G 1/8	G <sup>1</sup> / <sub>B</sub>	:#	E=
Standard nominal flow rate with valve		750 l/min	750 l/min	=	-	3-
Materials		Die-cast aluminium				Plastic
Weight		0.180 kg	0.120 kg	0.160 kg	0.510 kg	0.001 kg