



Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-024SA

Check valve

CHV2 Series

Completely prevents reverse flow of fluid such as compressed air. Ten types of wide variations.

● Port size: Rc1/8 to Rc1 1/2

JIS symbol



P4 compliant as standard



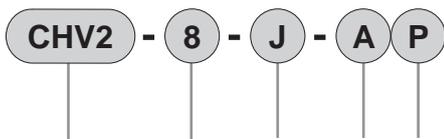
Features

- Wide variation
Series are available up to piping bore size Rc1/8 to Rc1 1/2.
- Compact and lightweight
- Wide range of options
Optional fluoro rubber and oil-prohibited specifications. An installation bracket is available for small bore sizes.
- Neat shape
- Eco-friendly product
Products can be sorted and processed for recycling.

Specifications

Model No.	CHV2-6	CHV2-8-J	CHV2-8	CHV2-10-J	CHV2-10	CHV2-15	CHV2-20	CHV2-25	CHV2-32	CHV2-40
Working fluid	Compressed air									
Max. working pressure MPa	1									
Min. working pressure MPa	0.03									
Proof pressure MPa	1.5									
Cracking pressure MPa	0.02									
Fluid temperature °C	5 to 60									
Ambient temperature °C	0 to 60 (no freezing)									
Port size Rc	1/8	1/4		3/8		1/2	3/4	1	1 1/4	1 1/2
Weight g	47	81		140		265		875		
Mounting plate weight g	10	15								
Effective cross-sectional area mm ²	28	55		60	94	110	220	250	700	730

How to order



Code	Description
A Port size	
6	Rc1/8
8	Rc1/4
10	Rc3/8
15	Rc1/2
20	Rc3/4
25	Rc1
32	Rc1 1/4
40	Rc1 1/2
B Option	
A	Fluoro rubber specifications
C Accessory	
Blank	No
P	Mounting plate included

- *1: Small flow compact type (J) is only for port size Rc1/4 and Rc3/8.
 *2: The options are listed in alphabetical order. (AP8)
 *3: Mounting plate included CHV2-6, CHV2-8-J, CHV2-8 and CHV2-10-J only is supported.
 *4: P4 compliant as standard.

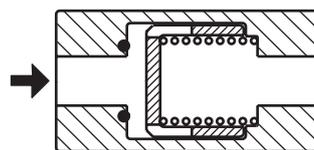
Compatibility table by variation

	CHV2
Port size	Rc1/8 to 1 1/2
P4	Standard compliance

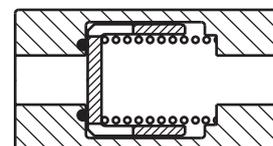
Note: Select a fluoro rubber specification

●: Applicable models ○: Semi-applicable models ▲: Contact CKD for details. □: Not applicable

Operational principle



If pressurized in the direction of the arrow on the side body, the valve fully opens and the flow turns to free flow.



If pressurized in the reverse direction of arrow on the side body, the valve closes and flow is interrupted.