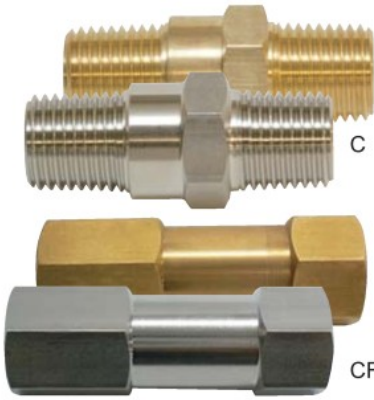


## Check Valve C & CF Series (General Purpose)



### Features

- Compact and long life
- Combination of ring and metal seat
- Double seat sealing method
- Stable movement with long poppet guide
- Abundant size line-up

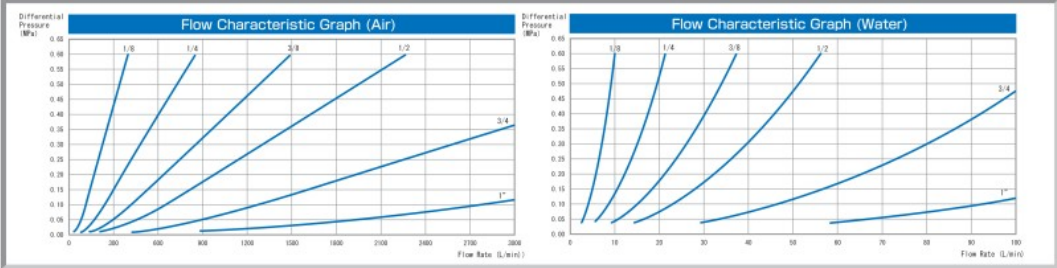
### Application

- Machine tools, Special-purpose machines, Cleaning machines, Deodorization machines, Medical instruments, Ozonators, various Hydraulic equipment, Analyzers, Molding machines, Extruders, Boiler burners, Construction equipment, Liquid leak prevention, Gas mixing machines, etc.

Specifications		Working Pressure	Vacuum - 4.9 MPa	Body Material	Brass / SUS316	CV Value (Ref)					Remarks	
Burst Pressure	7.35MPa	O-ring Material	Fluorine rubber Class 4 D (Standard)	Operating Temperature Range	Depending on O-ring material	1/8	0.28	1/4	0.60	3/8		1.05
Connection Size (D)	R1/8~R1"	Cracking Pressure	Standard 7 kPa	1/2	1.60	3/4	3.20	1"	6.90			
Connection Size (F)	Rc1/8~Rc1"											

Dimensions		■Dimensions Table (mm)				■Dimensions Table (mm)			
Connection Size (R)	A	B	HEX (opposite side)		Connection Size (R)	A	B	HEX (opposite side)	
1/8	33.5	3.5	13.0		1/8	38.0	3.5	13.0	
1/4	40.2	5.0	16.0		1/4	52.0	5.0	17.0	
3/8	40.5	6.9	19.0	3/8	54.0	6.9	19.0		
1/2	48.0	9.8	22.0	1/2	64.0	9.8	22.0		
3/4	59.0	14.0	29.0	3/4	75.0	14.0	29.0		
1"	68.0	16.2	35.0	1"	89.0	16.2	35.0		

Type Selection Tables		C T 2 V - ※			
<b>Basic Type</b> C Male, male connection CF Female, female connection		<b>O-ring Material</b> Codes O-ring Material Operating Temperature Range (Ref) V Fluorine rubber Class 4 D (Standard) -12~+180°C K Kalrez® -4~+284°C D Perflour -27~+207°C S Silicon Class 4 C -45~+180°C E Ethylene propylene -40~+90°C N NBR Class 1 A -27~+90°C			
<b>Body Material</b> B Brass T SUS316		<b>Connection Size</b> 1 1/8 4 1/2 2 1/4 6 3/4 3 3/8 8 1"			
When optional cracking is 50 KPa, it will be -50. * Refer to remarks.					
* The data indicated in this table is the reference data of the O-ring maker, and is not the guaranteed performance of our company. * We can also correspond to materials not mentioned on the left.					
<Example> C Series Body Material: SUS316; O-ring: Fluorine rubber Class 4 D (Standard); Size: R1/4; Cracking pressure: 7kPa (Standard) → Type 'CT2V'					



## Check Valve CH Series (High Pressure Type)



### Features

- SUS316 is used for all stainless steel types
- O-ring acts as a bond between the 2 piece body and valve seal
- Corresponds to high pressure
- Can be used up to 10 MPa

### Application

- Machine tools, Special-purpose machines, Cleaning machines, Deodorization machines, Medical instruments, Ozonators, various Hydraulic equipment, Analyzers, Molding machines, Extruders, Boiler burners, Construction equipment, Liquid leak prevention, Gas mixing machines, etc.

Specifications		Type	CHB++	CHT++	Cracking Pressure	7kPa	
Working Pressure	0~10MPa	0~13MPa	O-ring Material	Fluorine rubber Class 4 D (Standard)			
Burst Pressure	15MPa	20MPa	Operating Temperature Range	Depending on O-ring material			
Connection Size	Rc1/4"~Rc1/2"					CV Value (Ref)	1/4" 0.5 3/8" 1.5 1/2" 1.5
Body Material	Brass	SUS316					

Dimensions		■Dimensions Table (mm)					
Connection Size (Rc)	A	B	HEX (opposite side)				
1/4	46.0	5.0	19.0		Flow Direction →		
3/8	60.0	9.2	24.0				
1/2	73.0	9.2	27.0				

Type Selection Tables		CH T 3 V			
<b>Basic Type</b> CH High Pressure Type		<b>O-ring Material</b> Codes O-ring Material Operating Temperature Range (Ref) V Fluorine rubber Class 4 D (Standard) -12~+180°C K Kalrez® -4~+284°C D Perflour -27~+207°C S Silicon Class 4 C -45~+180°C E EPDM -40~+90°C N NBR Class 1 A -27~+90°C			
<b>Body Material</b> B Brass T SUS316		<b>Connection Size</b> 2 1/4 3 3/8 4 1/2			
* The data indicated in this table is the reference data of the O-ring maker, and is not the guaranteed performance of our company. * We can also correspond to materials not mentioned above.					
<Example> CH Series Body Material: SUS316; O-ring: Fluorine rubber Class 4 D; Size: R3/8 → Type 'CHT3V'					