

## Check valve integrated with Super 300 Type PILLAR Fitting<sup>TM</sup>



### ■ Features

#### ■ Excellent chemical resistance

The valve body is made of PFA, enabling this product to cope with various types of liquid chemicals.

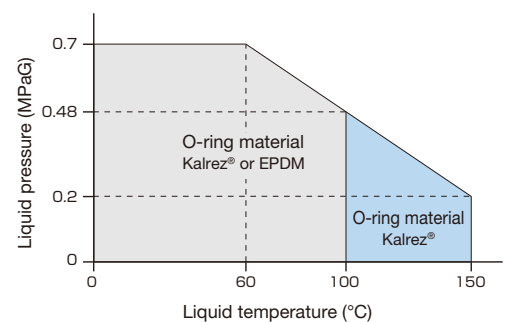
#### ■ Smooth opening/closing movement

The opening pressure is as low as 0.01 MPa, allowing fluid to flow smoothly.

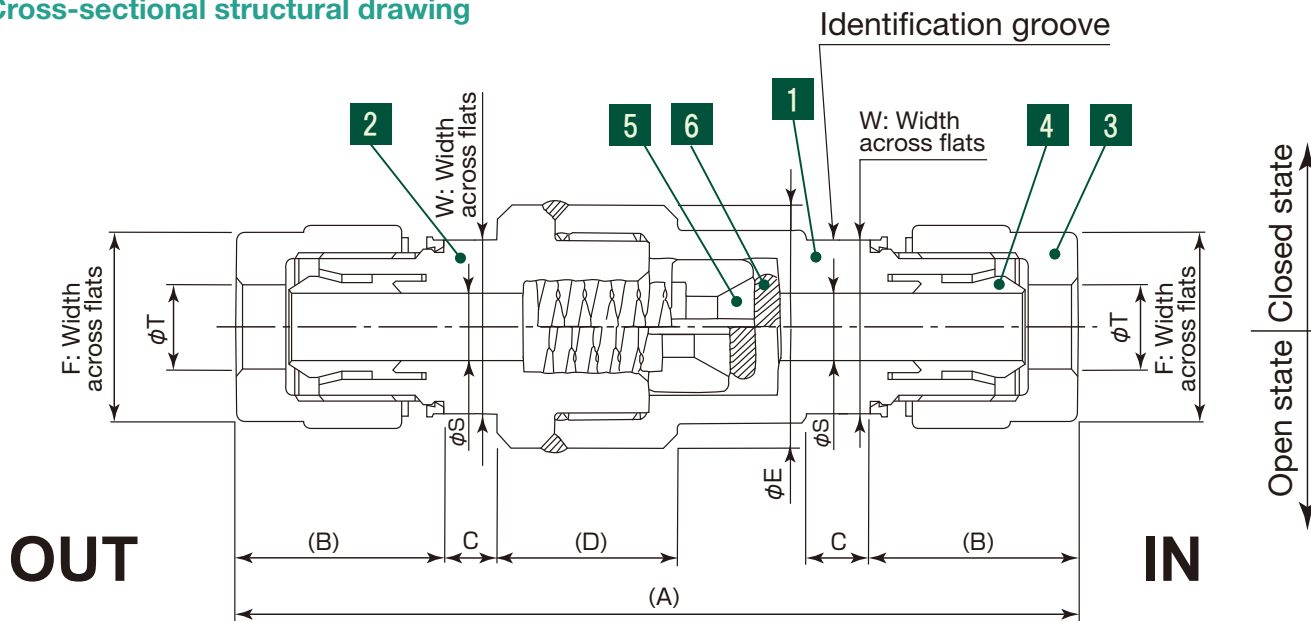
#### Specifications

- ▶ Maximum operating temperature:  
O-ring material Kalrez<sup>®</sup> 150°C  
O-ring material EPDM 100°C
- ▶ Maximum operating pressure: 0.7 MPaG
- ▶ Opening pressure: 0.01 MPaG
- ▶ Sealing pressure: 0.05 MPaG
- ▶ Applicable fluid: Liquid
- ▶ Ambient temperature range: 0 to 60°C

#### ■ Operating range



## Cross-sectional structural drawing



## Main parts list

No.	Part name	Material
1	Body 1	P F A
2	Body 2	P F A
3	Union nut	P F A
4	Sleeve	P F A
5	Check assembly	P F A
6	O-ring	Kalrez® or EPDM

## Size table

Unit: mm

mm-based tube									
Product No.	Tube size $\phi_T$ (O.D×I.D)	(A)	(B)	C	(D)	$\phi_E$	F	W	Orifice diameter $\phi_S$
PGB P4-4B-*	4 × 3	77	14.7	7	20	26	12	12	3.1
PGB P6-6B-*	6 × 4	85.5	19	7	20	26	16	15	4
PGB P8-8B-*	8 × 6	91.5	22	7	20	26	19	18	6
Inch-based tube									
Product No.	Tube size $\phi_T$ (O.D×I.D)	(A)	(B)	C	(D)	$\phi_E$	F	W	Orifice diameter $\phi_S$
PGB PW2-W2B-*	6.35 × 3.95	85.5	19	7	20	26	16	15	4

\*" in each product No. indicates one of the O-ring material symbols shown below.

O-ring material symbol	Material	Valve body 1 identification groove
K	Kalrez®	Nonexistent
E	EPDM	Present

Note: The fitting cross-sectional structure of PGB P4-4B-\* differs from the one shown in the figure above.

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**Safety precaution**

● When using this product, please use correctly and pay sufficient attention to safety.

\* Please understand that this catalog may change without prior notice.  
\* The values shown on this catalog are reference values, not guaranteed values.