



## “FCH” series



High pressure model. Corresponds to compressed air and liquid.

### ■ Features

- High pressure range.(SUS316 can use 13MPa [1885.49psi]).
- Damages to seal material were reduced by double-touch system (O-ring and metal-seal).
- All metal material adopt SUS316.



### ■ Applications

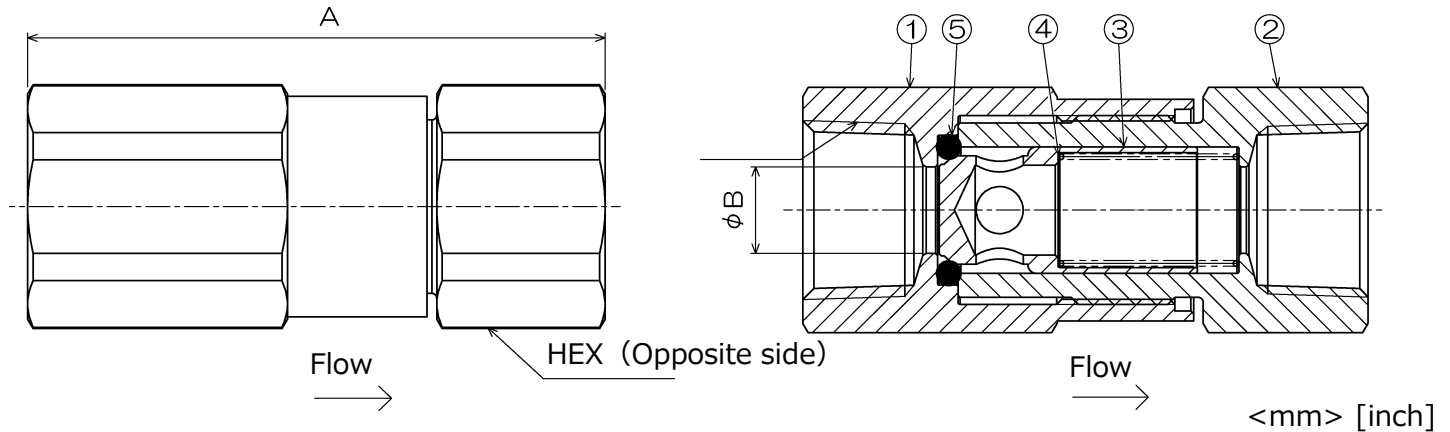
- Machine Tools : Milling machine, NC lathe, laser processing machine etc.
- Industrial furnace : General industrial furnace, heating furnace, vacuum furnace, etc.
- Medical : Endoscope washing device, oxygen concentrator, anesthesia machine etc.
- Analysis equipment: Measurement equipment, component gas analysis, gas analyzer etc.
- Battery : Household fuel cell, secondary battery, gas engine etc.
- Water (liquid) treatment: Pure water production, pure water recycling.
- Gas generator related: Compressor, compact pressure vessel, various gas generator etc.
- Others: Oxygen capsule, gasoline measuring instrument, forklift etc.

### ■ Specification

Set pressure MPa[psi]	FCHB	0~10 [0~1450.38]	Body material	Brass / SUS316
	FCHT	0~13 [0~1885.49]	Seal material	FKM (Standard)
Pressure resistant MPa[psi]	FCHB	15 [2175.57]	Operating temperature	Pursuant to seal material
	FCHT	20 [2900.75]	Cracking pressure kPa[psi]	7 [1.02]
Pipe port	Rc1/4~Rc1/2			
Comment	If you need other cracking pressure please contact us.			

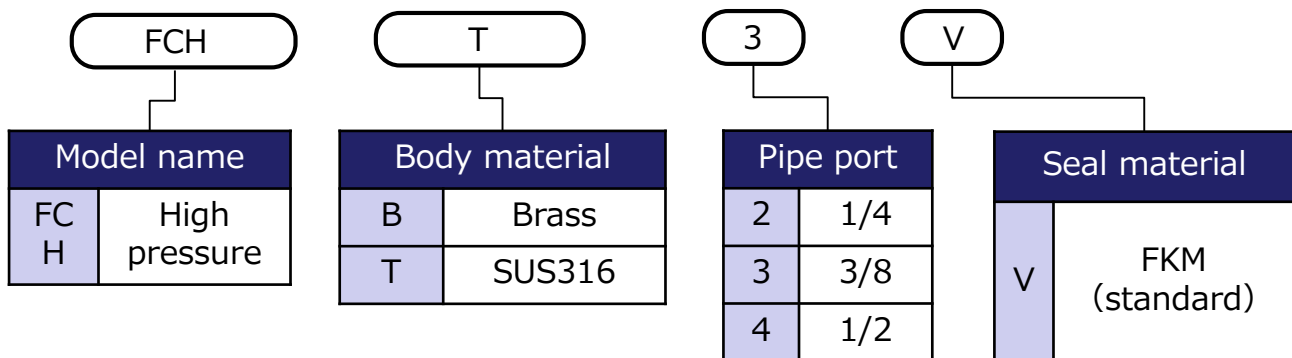


## ■ Size



Pipe port(R)	A	B	HEX (Opposite side)	CV value (Reference)
1 / 4	<46.5> [1.83]	<5.0> [0.20]	<19.0> [0.75]	<0.5>
3 / 8	<60.0> [2.36]	<9.2> [0.36]	<24.0> [0.94]	<1.5>
1 / 2	<73.0> [2.87]	<9.2> [0.36]	<27.0> [1.06]	<1.5>

## ■ Model designation

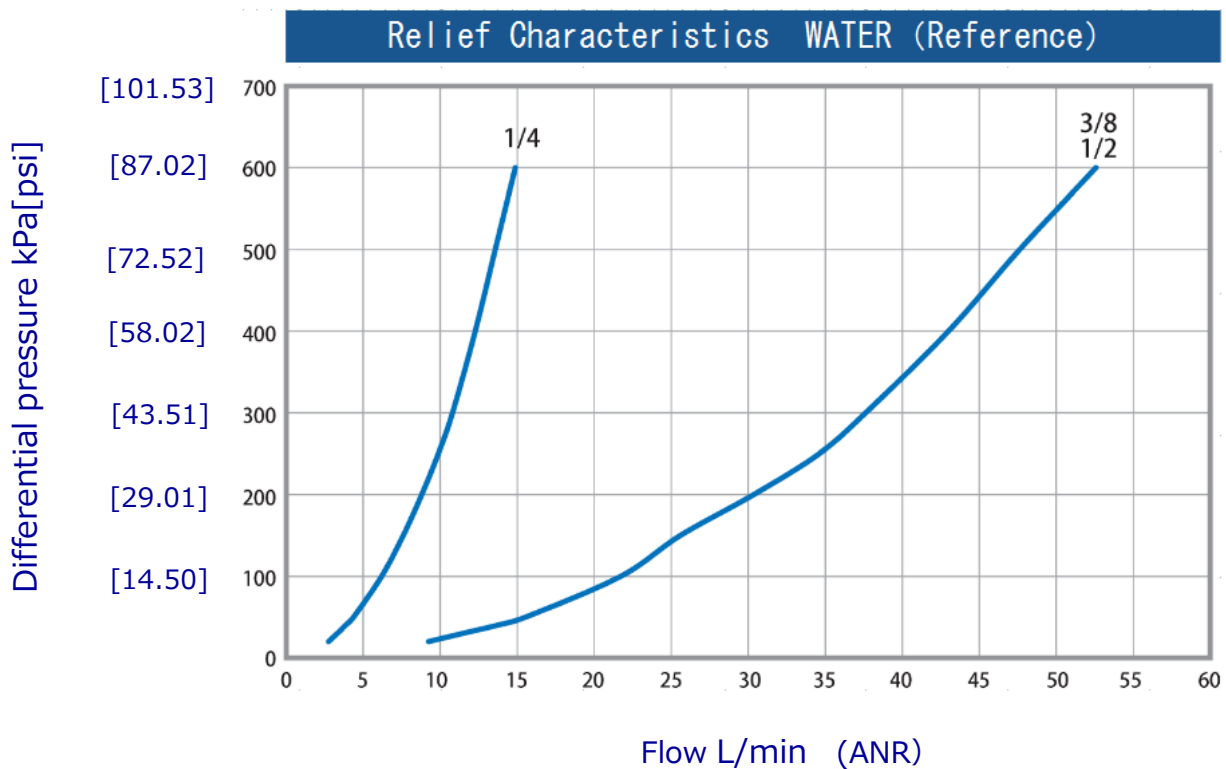
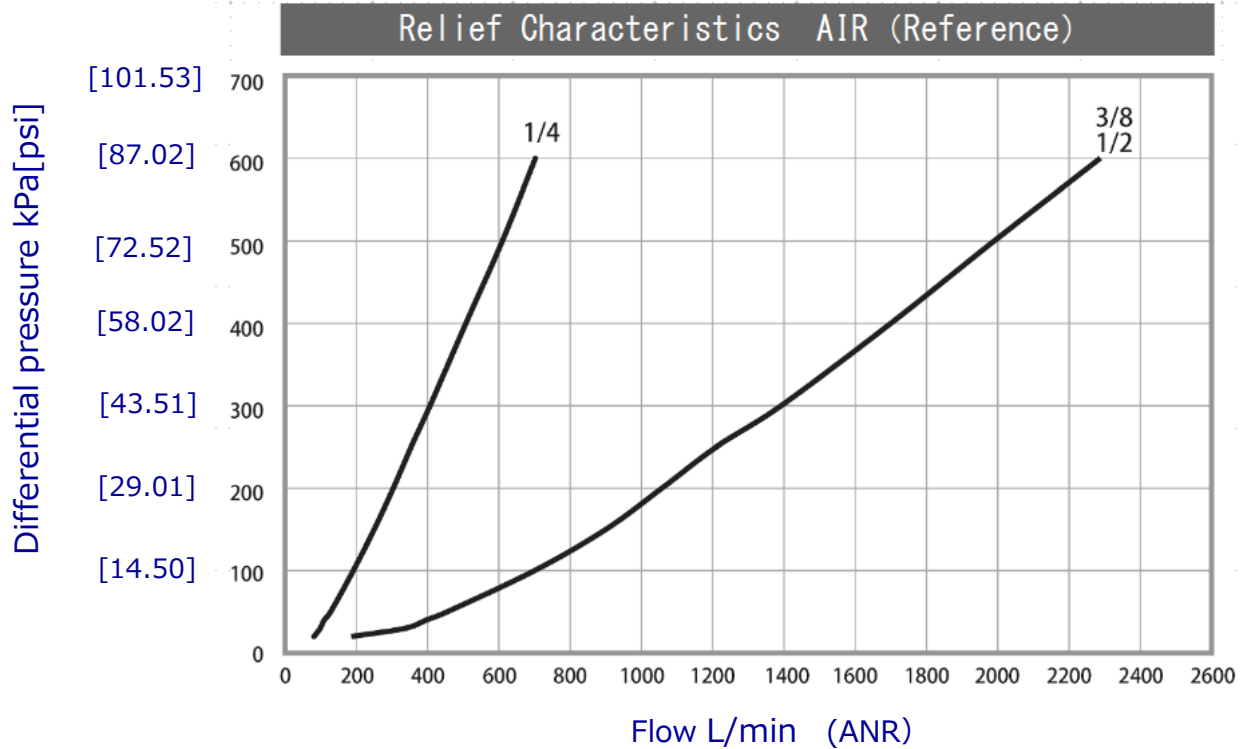


※Please inquire about other materials.

※When operating temperature ranges are more than 100°C[212°F] or less or -20°C[-4°F], contact us.



## ■ Characteristic



### Contact us

Control Equipment

Head office: TOC Ariake East Tower 10F, 3-5-7 Ariake,  
Koto-ku, Tokyo, Japan 135-0063

TEL +81-3-3527-8573

E-mail: seigyotoiawase.en@fc.fujikura.co.jp

URL: <https://www.fujikura-control.com/>