



## "FHVC" series

Air

High flow model.

### ■ Features

- New design "Full bore" correspond high flow rate.
- Designed to reduce damages for seal material.
- Various port sizes and seal materials.
- Installation direction is free.



### ■ 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 equipm ent: 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.

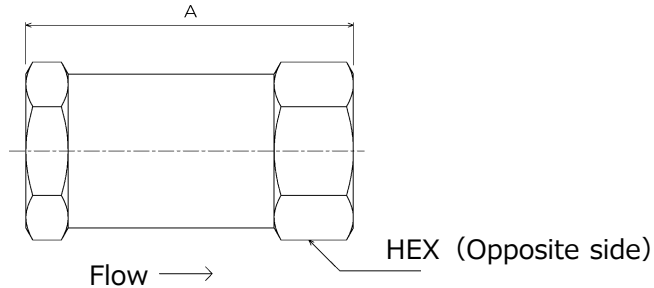
### ■ Specification

Working fluid	Gas		Pipe port	Rc1/8~Rc1
Set pressure MPa[psi]	FHVCB	8 [1160.30]	Seal material	FKM(Standard)
	FHVCT	13 [1885.49]	Operating temperature	Pursuant to seal material
Pressure-resistant MPa[psi]	FHVCB	12 [1740.45]	Backup ring material	PTFE
	FHVCT	20 [2900.75]	Cracking pressure kPa[psi]	7 [1.02]Standard)
Body material	Brass / SUS316			
Comment	<ul style="list-style-type: none"> <li>■ Please contact us if you wish to connect with other port size (~ 2 ").</li> <li>■ Option cracking pressure 1kPa, 20KPa,50KPa [0.15psi, 2.90psi, 7.25psi] are available.*Body material is SUS303 or SUS304</li> <li>■ Please contact us for liquid application.</li> </ul>			



# FUJIKURA COMPOSITES

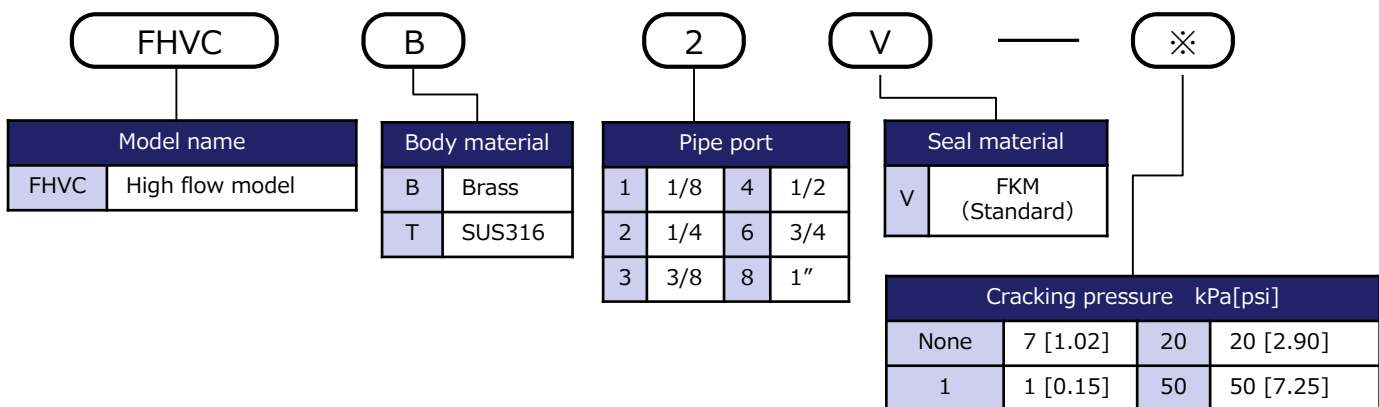
## ■ Size



<mm> [inch]

Pipe port(R)	A	HEX (Opposite side)	CV (Reference)
1 / 8	<43.0> [1.69]	<21.0> [0.83]	<0.95>
1 / 4	<57.0> [2.24]	<27.0> [1.06]	<2.1>
3 / 8	<62.0> [2.44]	<29.0> [1.14]	<3.1>
1 / 2	<75.0> [2.95]	<41.0> [1.61]	<5.2>
3 / 4	<86.0> [3.39]	<46.0> [1.81]	<7.4>
1"	<101.0> [3.98]	<50.0> [1.97]	<11.7>

## ■ Model designation



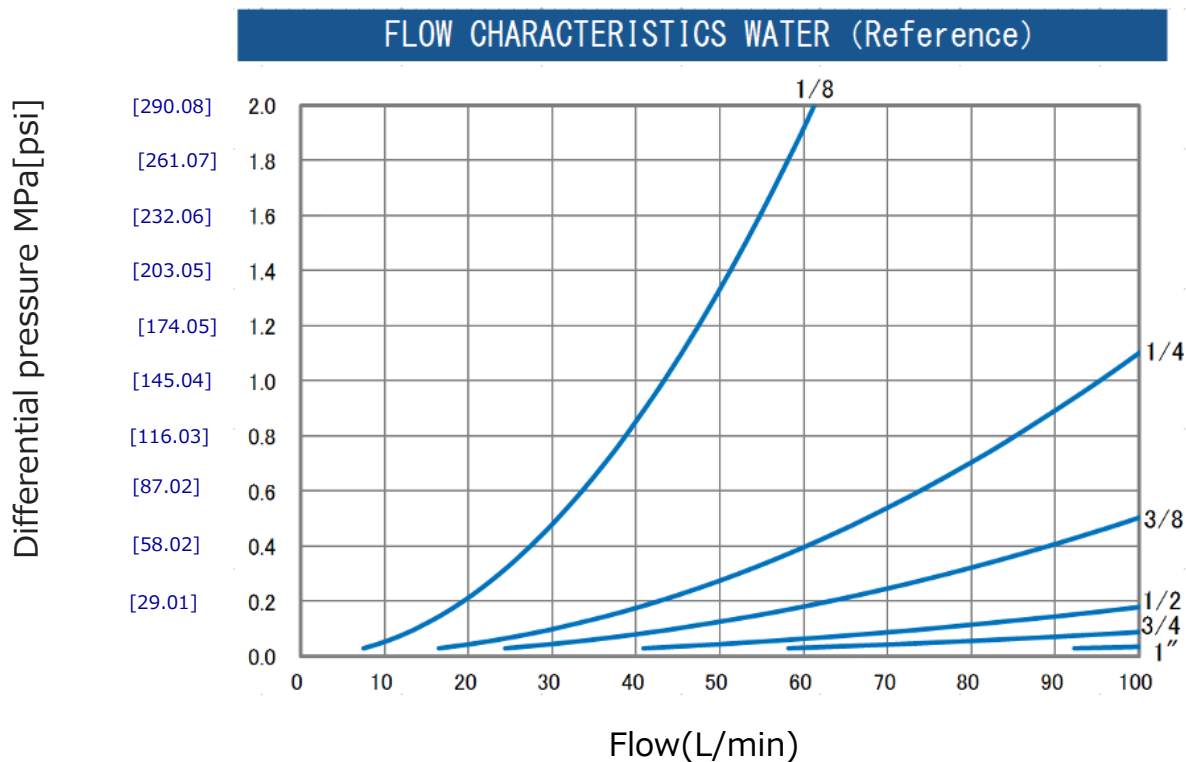
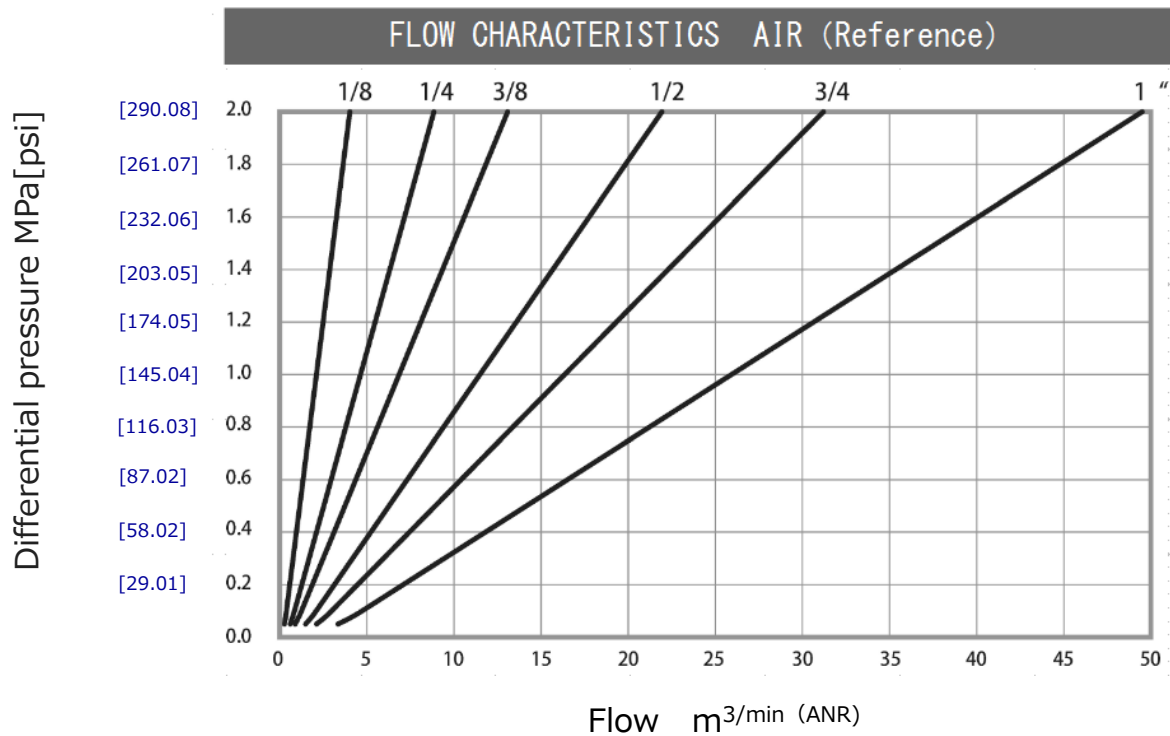
※Please inquire about other materials.

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



# FUJIKURA COMPOSITES

## ■ Characteristic



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### Contact us

Control Equipment

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