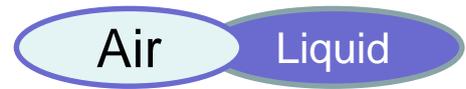




FUJIKURA COMPOSITES

“FCF” series



Standard model(external thread type) Corresponds to compressed air and liquid..

■ Features

- Simple design makes low price.
- Damages to seal material were reduced by double-touch system (O-ring and metal-seal).
- Various port sizes and seal materials.



■ 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.

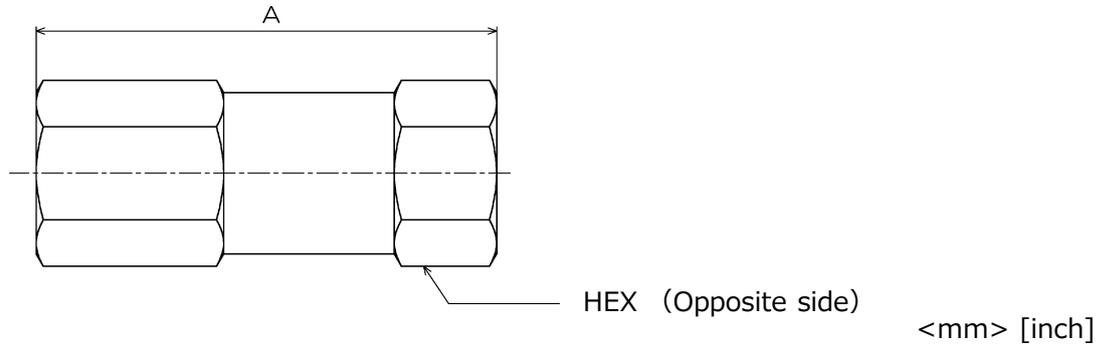
■ Specification

| | | | |
|--------------------------------|--|----------------------------|---------------------------|
| Operating Pressure MPa[psi] | Vacuum~4.9 [Vacuum ~710.69] | Material of body | Brass / SUS316 |
| Pressure resistant MPa[psi] | 7.35 [1066.03] | Material of seal | FKM (Standard) |
| Pipe port | Rc1/8~Rc1 | Operating temperature | Pursuant to seal material |
| | | Cracking pressure kPa[psi] | 7 [1.02] |
| Comment | <ul style="list-style-type: none"> ■ Max differential pressure 0.6MPa [87.02psi] (Conditions: Releasing fluids from outlet). ■ Option cracking pressure 1kPa, 20KPa, 50KPa[0.15psi, 2.90psi, 7.25psi]. *Outlet port's direction of 1kPa is upward. ■ Disc filter is attachable for FC series only. If you need more details, contact us. | | |



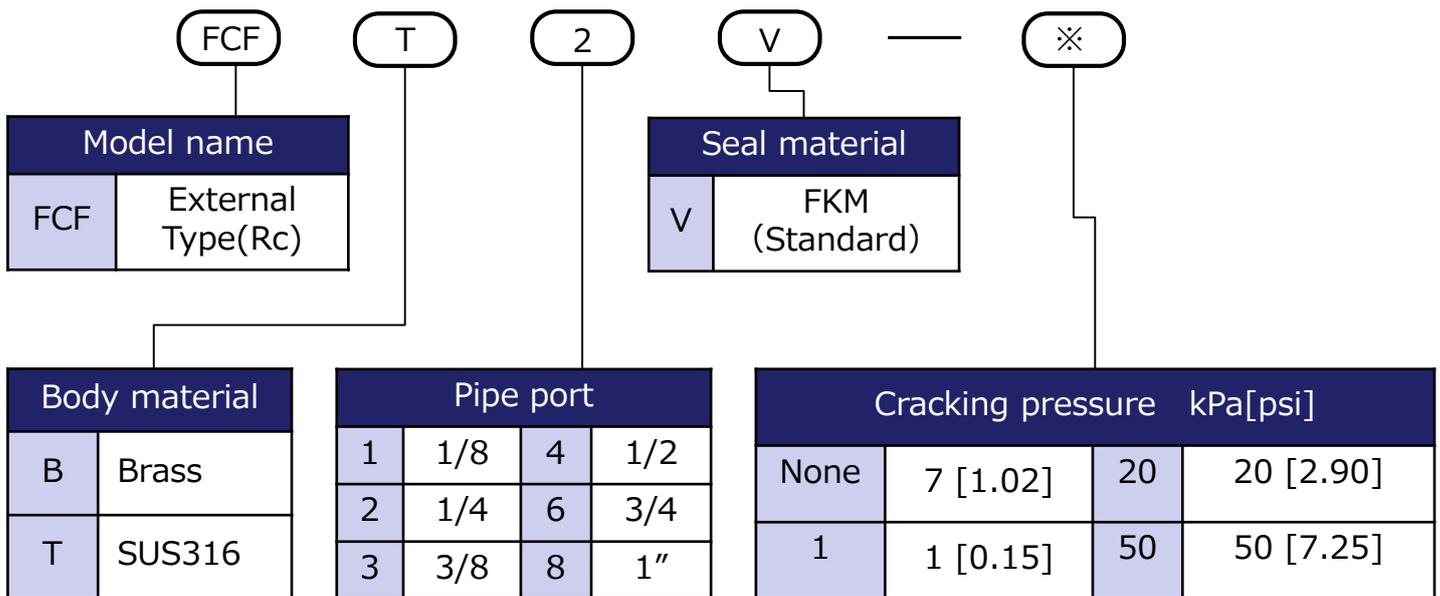
FUJIKURA COMPOSITES

■ Size



| Pipe port(R) | A | B | HEX (Opposite side) | CV (Reference) |
|--------------|---------------|---------------|---------------------|----------------|
| 1/8 | <38.0> [1.50] | <3.5> [0.14] | <13.0> [0.51] | <0.28> |
| 1/4 | <52.0> [2.05] | <5.0> [0.20] | <17.0> [0.67] | <0.60> |
| 3/8 | <54.0> [2.13] | <6.9> [0.27] | <19.0> [0.75] | <1.05> |
| 1/2 | <64.0> [2.52] | <9.8> [0.39] | <22.0> [0.87] | <1.60> |
| 3/4 | <75.0> [2.95] | <14.0> [0.55] | <29.0> [1.14] | <3.20> |
| 1" | <89.0> [3.50] | <16.2> [0.64] | <35.0> [1.38] | <6.90> |

■ Model designation



※Please inquire about other materials.

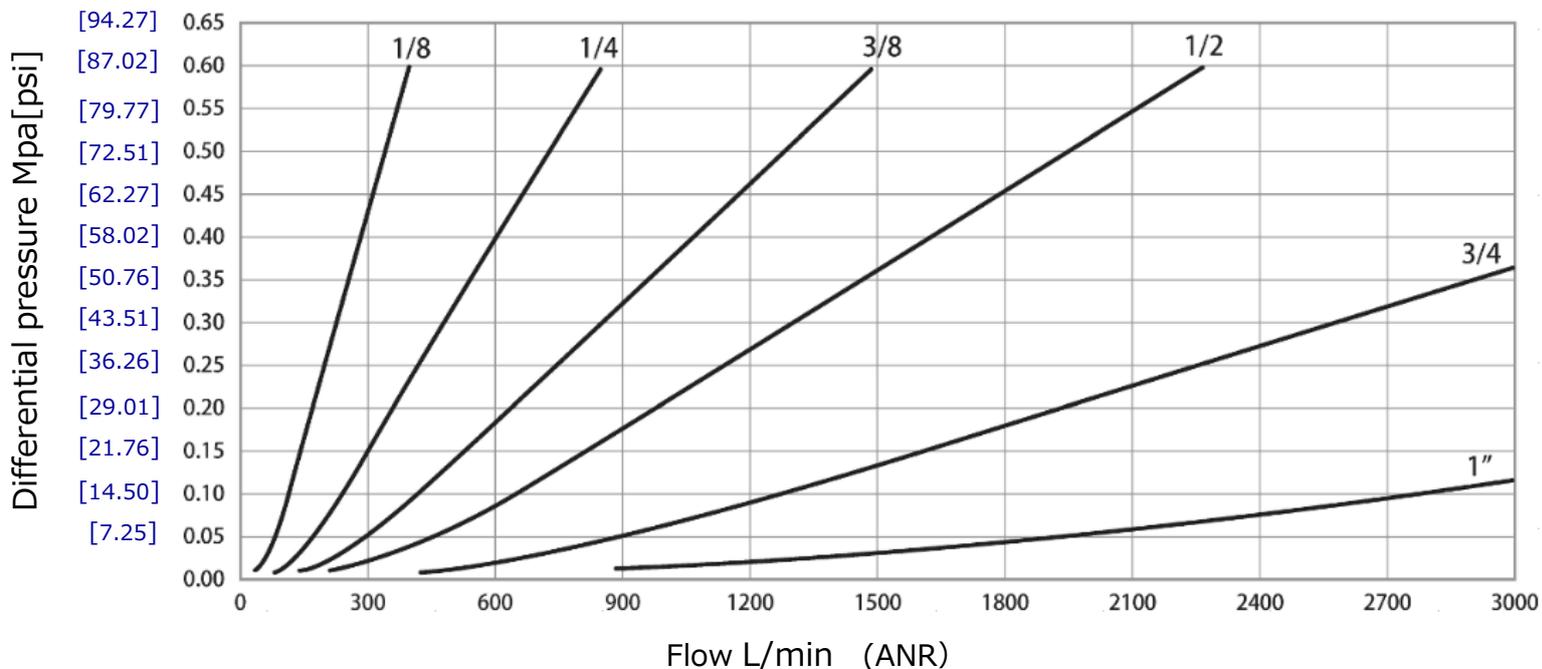
※When operating temperature ranges are more than 100°C[212°F] or less or -20°C[-4°F], contact us.



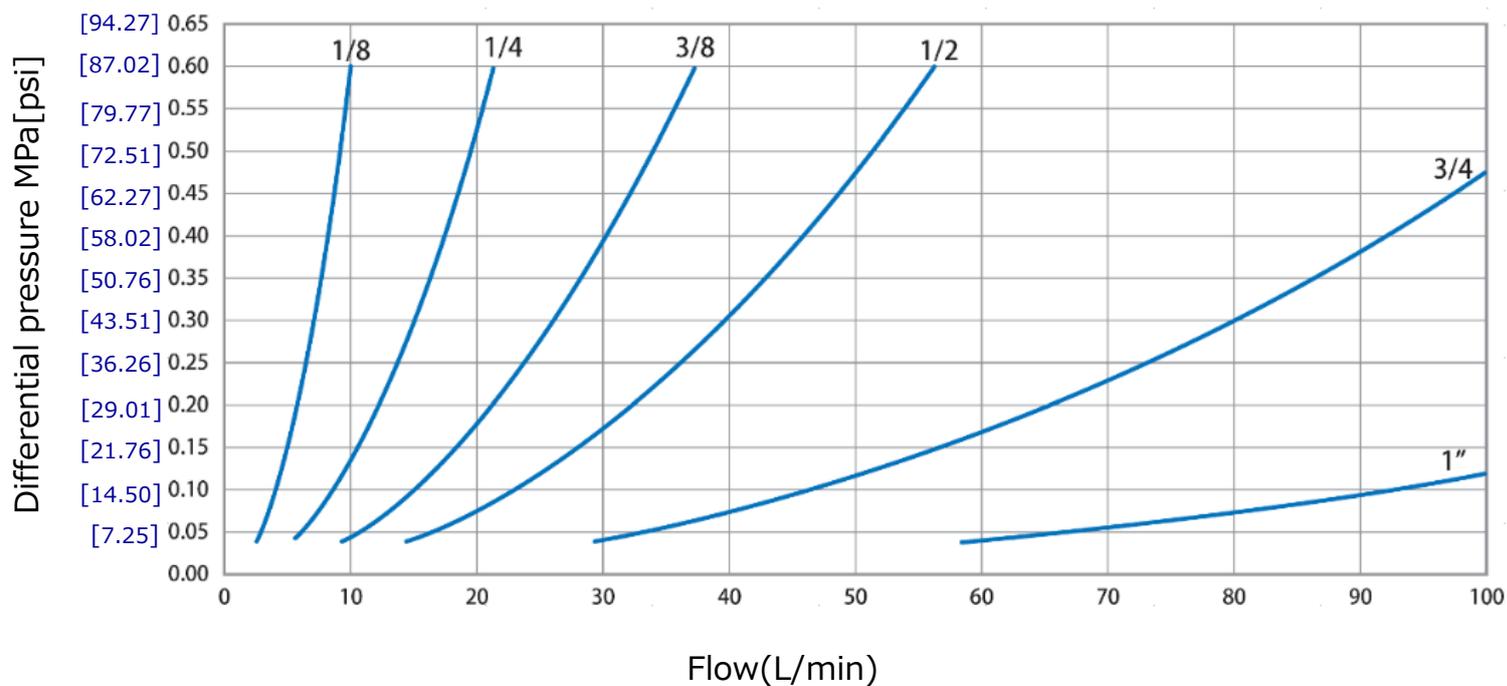
FUJIKURA COMPOSITES

■ Characteristic

FLOW CHARACTERISTICS AIR (Reference)



FLOW CHARACTERISTICS WATER (Reference)



FUJIKURA COMPOSITES

Contact us

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