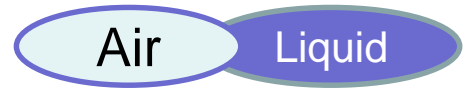




“FRL” series

Low pressure inline model.



■ Features

- High precision cracking performance, high sealability.
- Deflector cap controls direction of blow-out when it reliefs.
- In exposure use environment , FRC reduce the invasion of foreign substance into valve .
- Cracking pressure’s setting is done before delivering.



■ 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.

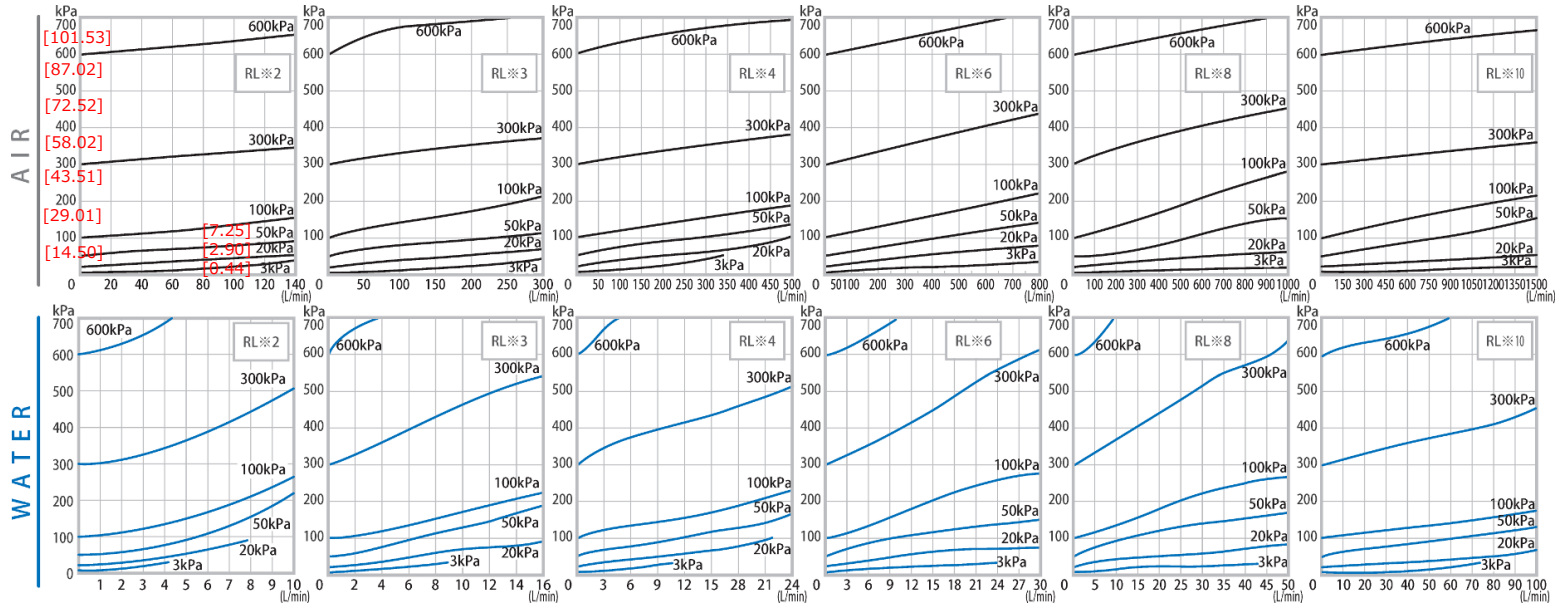
■ Specification

Pressure resistance MPa[psi]	1.62 [234.96]	Operating temperature range °C[°F]	Pursuant to seal material
Pipe port	1/4~1-1/4 (In R×Out Rc)	Cracking pressure kPa[psi]	3~1080 [0.44~156.64]
Body material	Brass / SUS316		※Port size 1/8's pressure range is 3~970kPa [0.44~140.69psi]
Seal material	FKM(Standard)		※Pressure range 3~29kPa [0.44~4.21] is option order.
Comment	■ In case of setting pressure is under 5kPa [0.73psi], pipe port is turned up.		

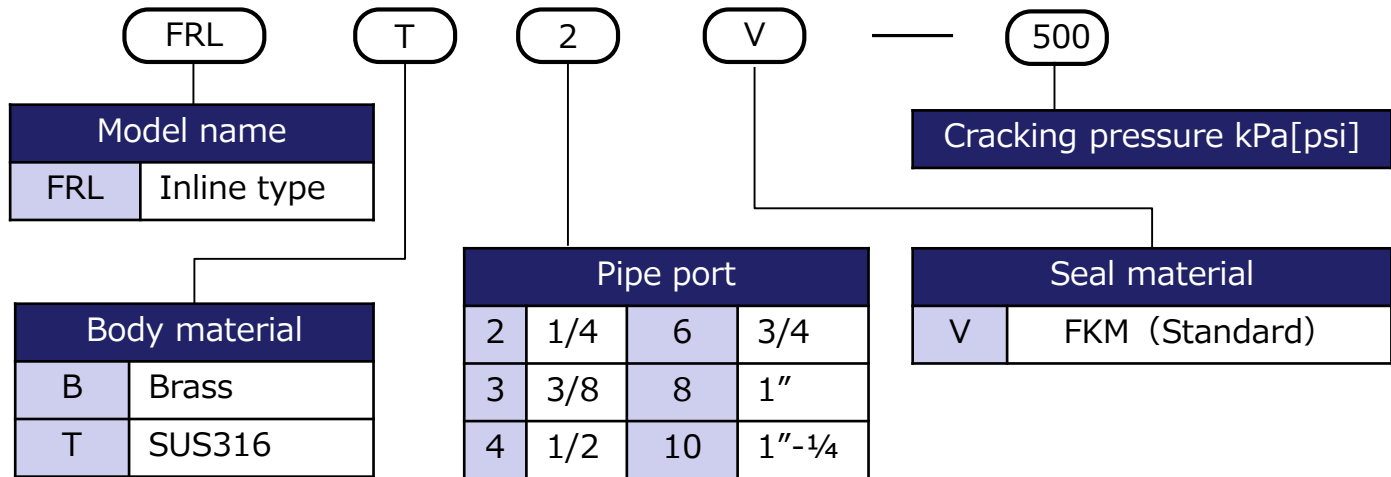


FUJIKURA COMPOSITES

Characteristic



Model designation



Caution
Please order setting pressure at kPa.

Example) In case of 0.05MPa(50kPa) < 50 >
In case of 1MPa(1000kPa) < 1000 >

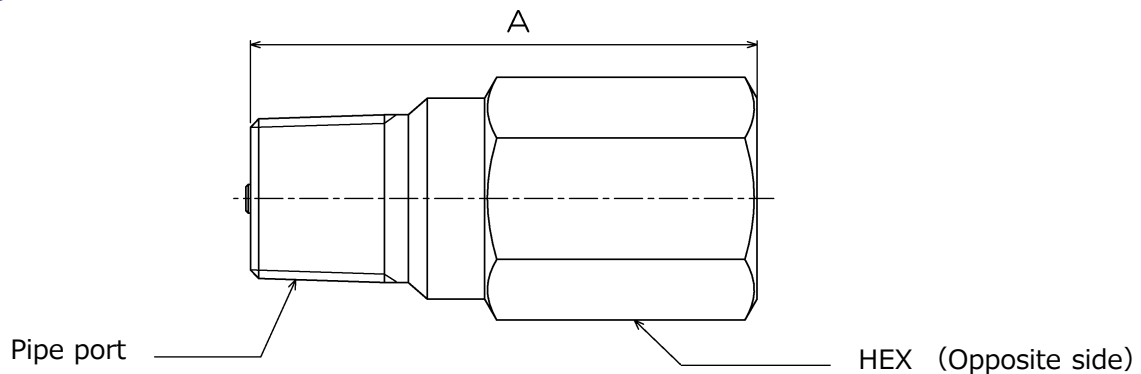
※Please inquire about other materials.

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



FUJIKURA COMPOSITES

■ Size



<mm> [inch]

Pipe port (inlet) (R)	A	HEX (Opposite side)
1/8	<41.0> [1.61]	<19.0> [0.75]
1/4	<53.0> [2.09]	<22.0> [0.87]
3/8	<60.0> [2.36]	<27.0> [1.06]
1/2	<69.0> [2.72]	<32.0> [1.26]
3/4	<90.0> [3.54]	<38.0> [1.50]
1"	<115.0> [4.53]	<50.0> [1.97]



FUJIKURA COMPOSITES

Contact us

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