



FUJIKURA COMPOSITES

"FRM1" series

External cracking pressure adjustment model.

Air

Liquid

■ Features

- Special packing rubber inhibits valve's vibration.
- Setting of cracking pressure is controllable.
(Pressure setting is done before shipping)
- Body material is stainless (SUS314), excellent corrosion resistance.
- Liquid available, In-line type, High flow model.



■ 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.

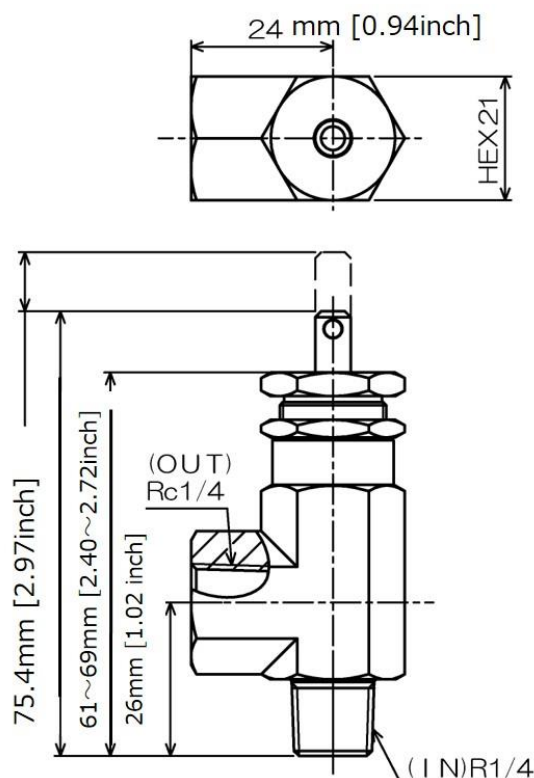
■ Specification

Working fluid	Water, Air, Inert gas	Maximum working Pressure MPa[psi]	2.0 [290.08]
Pipe port	1/4(In R × Out Rc)	Cracking pressure Setting range kPa[psi]	50 ~ 1500 [7.25 ~ 217.56]
Body material	Brass / SCS14	Pressure resistance MPa[psi]	3.0 [435.11]
Seal material	FKM(Standard)	Fluid temperature °C[°F]	0 ~ 90[32 ~ 194] (FKM)
Weight g [pound]	170 [0.37] (FRM1B2V)	Operating temperature °C[°F]	0 ~ 60 [32 ~ 140]
Comment	■ Manual releasing mechanism (pull-ring) are option parts. ■ If you need other material or port size, please contact us. ■ If you order other fluids, use FRM2.		

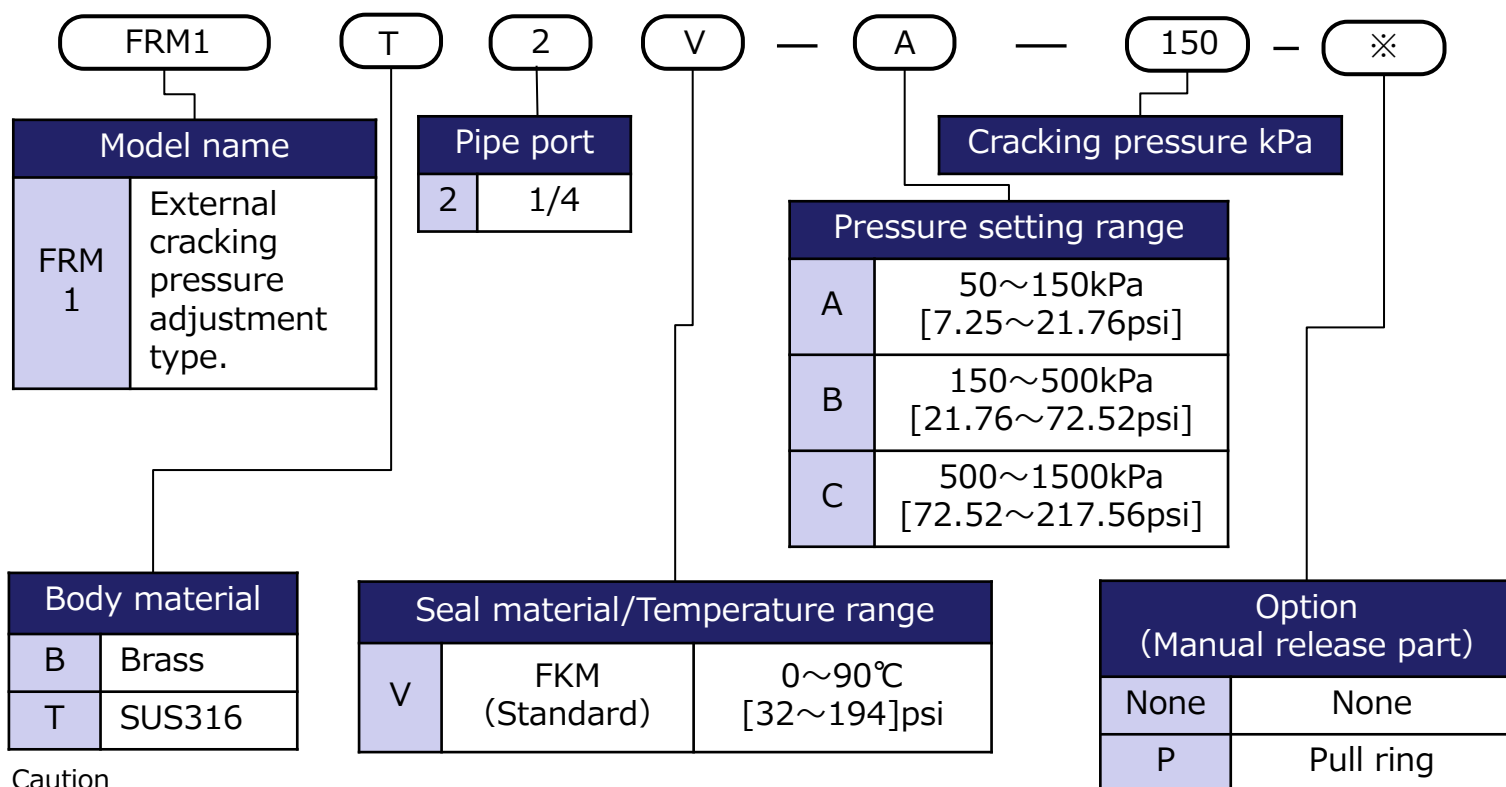


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■ Size



■ Model designation



Caution
Please order setting pressure at kPa.

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



■ Characteristic

