



FUJIKURA COMPOSITES

“FRHA” series

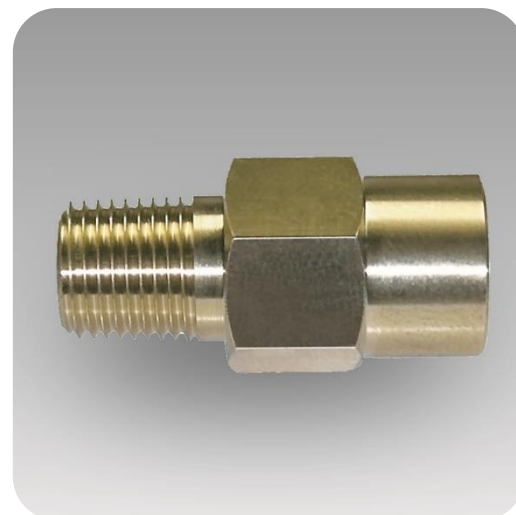
High Pressure Atmospheric Open model.

Air

Liquid

■ Features

- High pressure range.(Max setting pressure:4.2Mpa [609.16psi])
- Small and light weight.
- 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.

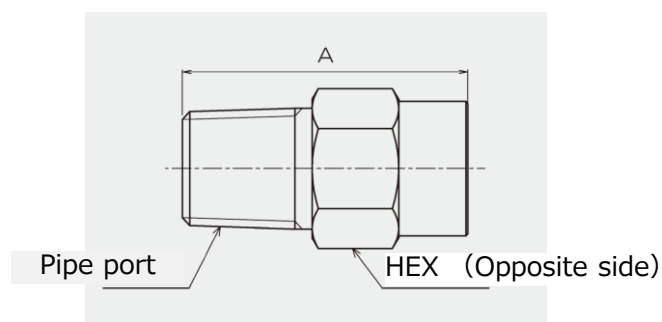
■ Specification

Pressure resistance MPa[psi]	6.8 [986.26]	Seal material	FKM (Standard)
Pipe port	1/8, 1/4(In R)	Operating temperature range °C[°F]	Pursuant to Seal material
Body material	Brass / SUS316	Cracking pressure kPa[psi]	1000 ~ 4200 [145.04 ~ 609.16]
Commnent	■ When use stainless-model, please contact us.		



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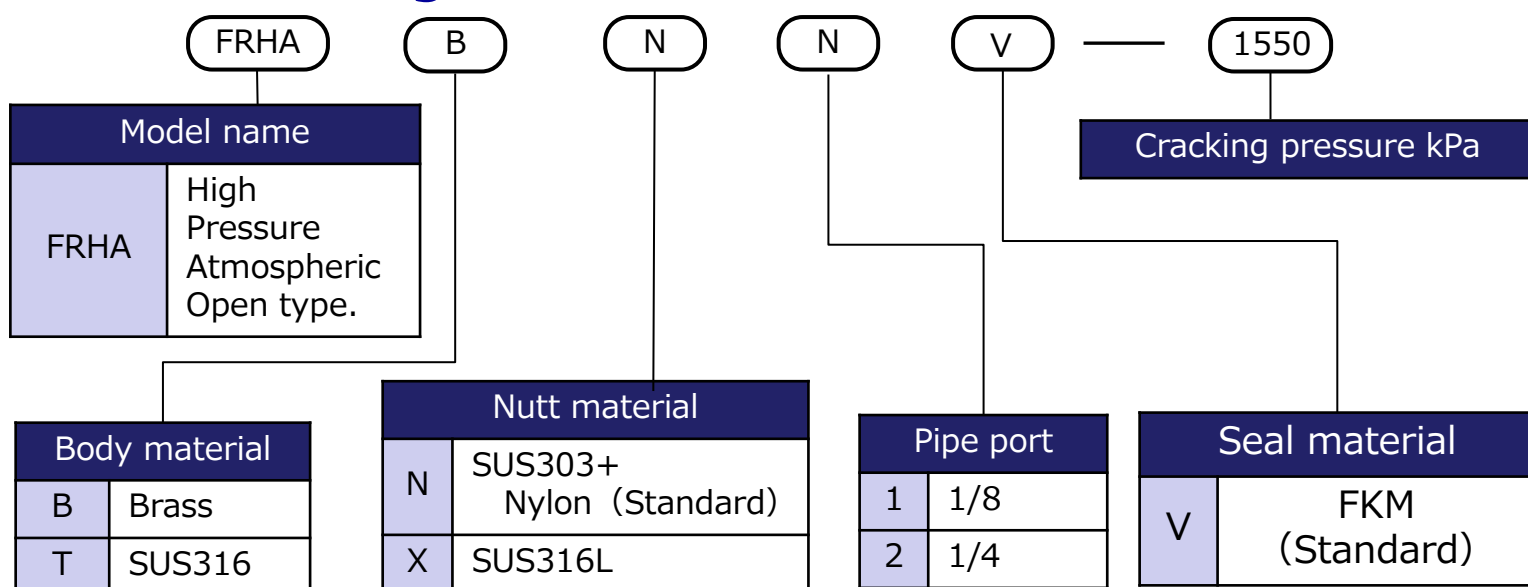
■ Size



<mm> [inch]

Pipe port (R)	A	HEX (Opposite side)
1/8	<28> [1.10]	<13.0> [0.51]
1/4	<33> [1.30]	<16.0> [0.63]

■ Model designation



Caution
Please order setting pressure at kPa.

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

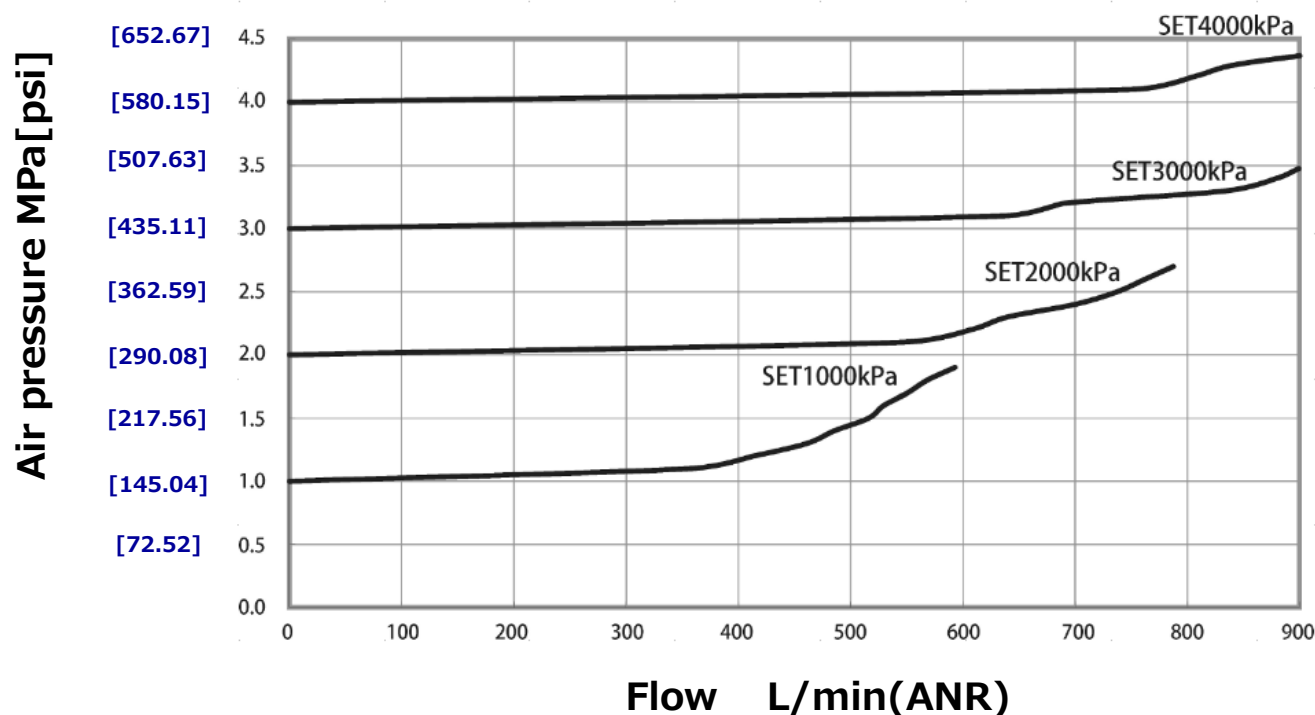
※Please inquire about other materials.

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



■ Characteristic

Flow characteristics AIR (Representative value) RHA※1



Flow characteristics AIR (Representative value) RHA※2

