



“VR1” series

Low Pressure atmospheric Open model.

Air

Liquid

■ Features

- Compact design allowing installation in a space-saving manner.
- The relief pressure is high precision because the difference in opening and closing pressure is small.
- Relief pressure other than the standard specification can be set as custom order.

(Setting pressure range:30~300kPa[4.35~43.5psi])



■ 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.

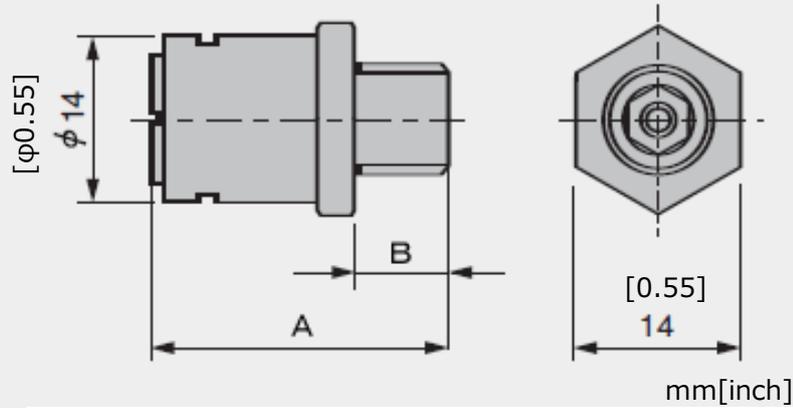
■ Specification

Model name	VR1			
Relief pressure	kPa[psi]	50 [7.25]	100 [14.50]	150 [21.76]
Working fluid	Clean compressed air			
Body material	Brass(Electroless Ni plating)			
Rubber material	Fluororubber			
Operating temperature range	℃[°F]	5~60 [41~140]		
Pipe port	Rc	1/8, 1/4		



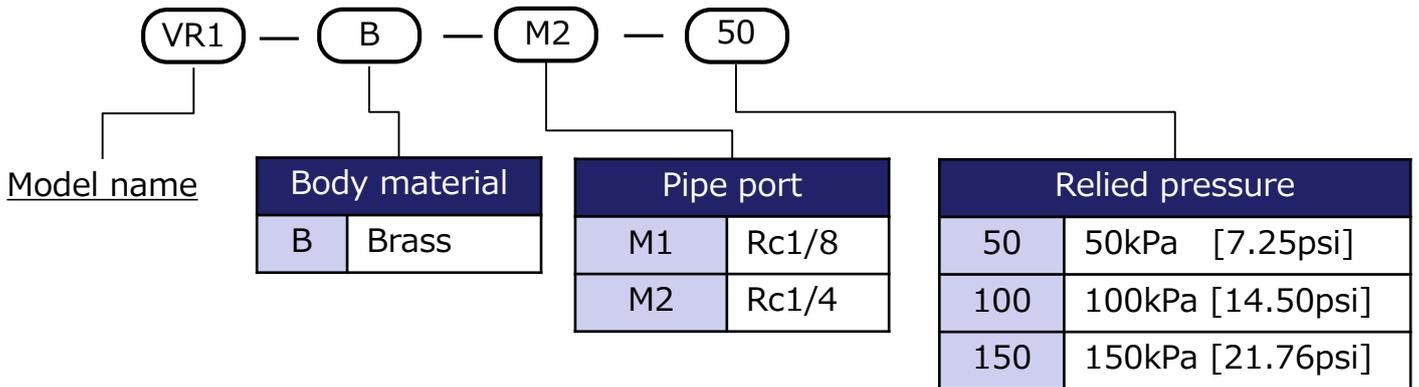
FUJIKURA COMPOSITES

■ Size



Pipe port		A	B
M1	Rc1/8	25 [0.98]	8 [0.31]
M2	Rc1/4	28 [1.10]	11 [0.43]

■ Model designation

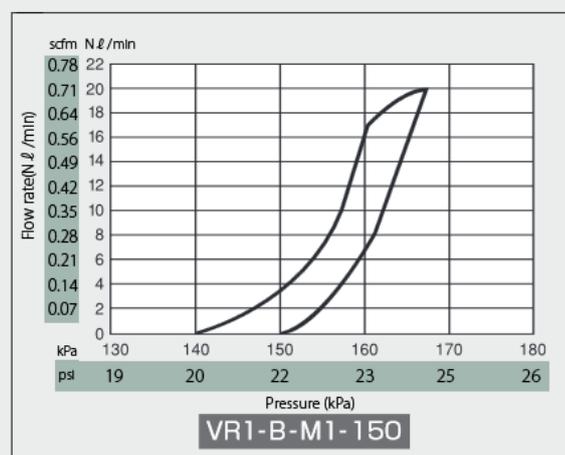
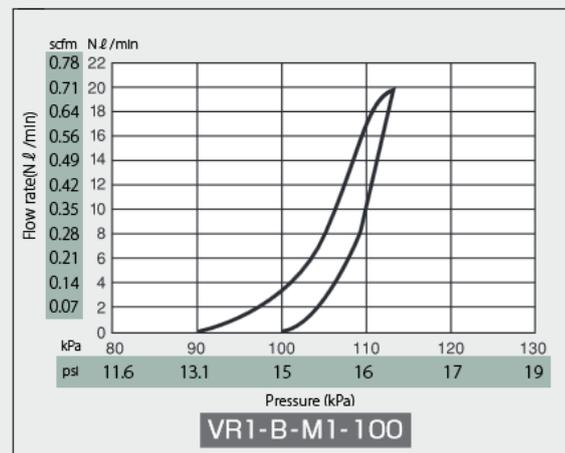
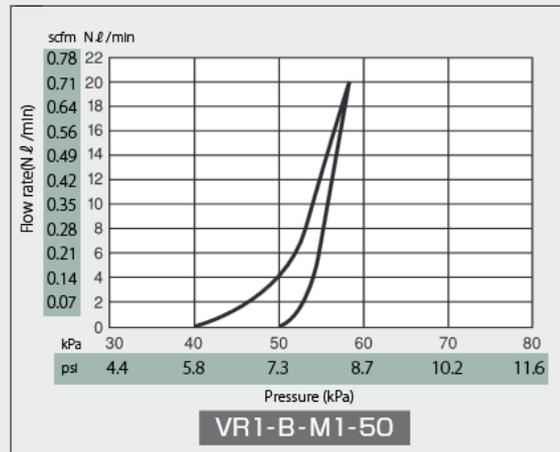




FUJIKURA COMPOSITES

■ Characteristic

■ Relief characteristics



FUJIKURA COMPOSITES

Contact us

Control Equipment

Head office: TOC Ariake East Tower 10F, 3-5-7 Ariake,
Koto-ku, Tokyo, Japan 135-0063

TEL +81-3-3527-8573

E-mail: seigyotoiawase.en@fc.fujikura.co.jp

URL: <https://www.fujikura-control.com/>