



“VC-P” series

Air

Liquid

Low pressure / low pressure cracking type resin check valve.

Corresponds to compressed air and liquid(water).

■ Features

- Compact (OD φ18mm[0.71inch]), Light weight (33g[0.07pound]).
- Cracking pressure is extremely low: 1 kPa [0.15psi] or less.
- Leakage is minute: 1 ml / min or less at 10 kPa [1.45psi].



■ 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

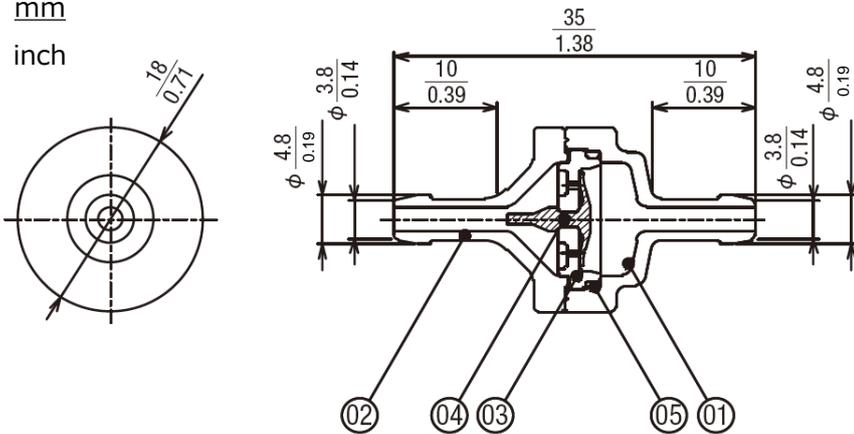
Working Fluid		Clean compressed air
Pressure	kPa[psi]	200 [29.01]
Pressure resistant	kPa[psi]	250[36.26] .MAX
Cracking pressure	kPa[psi]	1[0.15] or less
Pipe connection diameter		Tube ID φ4
Body material		Polyacetal
Rubber material		EPDM
Operating temperature Range	°C[°F]	5~60 [41~140]
Weight	g[pound]	3 [0.0066]
Leak	mL/min(ANR) (@10kPa[1.45psi])	1



FUJIKURA COMPOSITES

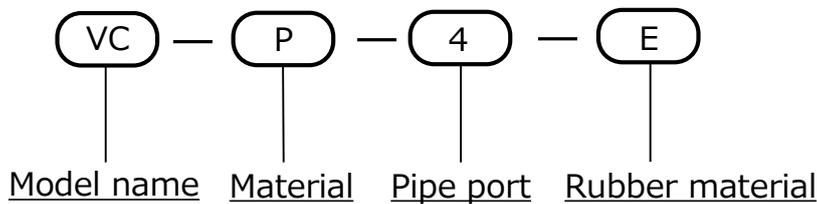
Size

mm
inch



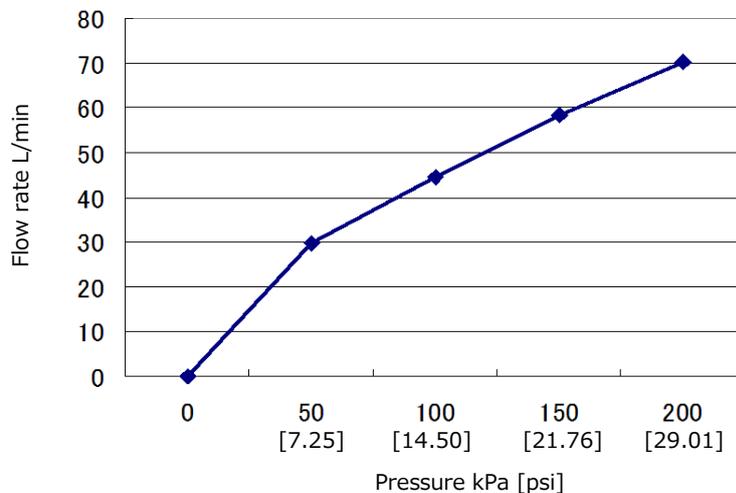
No	Name	Material
①	Housing A	Polyacetal
②	Housing B	Polyacetal
③	Attachment	Polyacetal
④	Umbrella	EPDM
⑤	O-ring	EPDM

Model designation



Characteristic

Flow characteristics



FUJIKURA COMPOSITES

Contact us

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