


FUJIKURA COMPOSITES

Compact Precision Air Regulator Series **RP2**



User-friendly compact design

● Compact air regulator with excellent function

Although the size is equivalent to a miniature air regulator, this well-balanced miniature precision air regulator has a sufficient pressure characteristic required of a precision air regulator.

● Push-lock type knob

The push-lock type knob permits easy pressure setting.

● Variable mounting styles

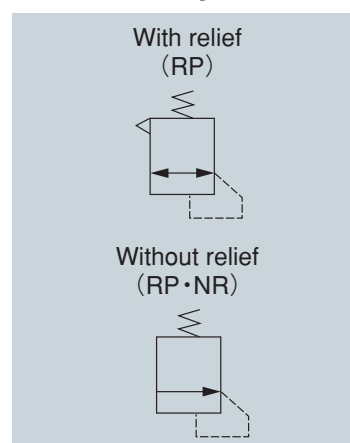
In addition to panel mounting, this regulator can be mounted on the wall as well through a bracket.

Compliant with RoHS directives

Specifications

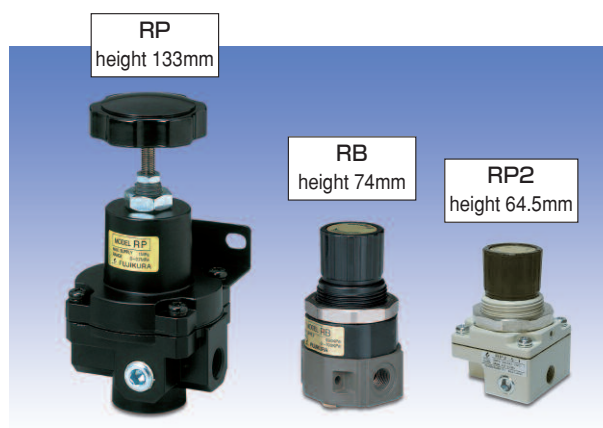
With relief	RP2-0.5-1	RP2-2-1	RP2-5-1
Without relief	RP2·NR-0.5-1	RP2·NR-2-1	RP2·NR-5-1
Working fluid	Compressed clean air		
Set pressure range MPa	0.01 ~ 0.05	0.02 ~ 0.2	0.02 ~ 0.5
Supply pressure range MPa	1.0 or less		
Repeatability %	±0.5		
Operating temperature °C	5 ~ 60		
Pipe port	Rc	1/8	
Gauge port	Rc	1/8	
Filter	150 mesh (IN port)		
Recommended thickness of mounting panel mm	1.0 ~ 2.5		
Weight kg	0.17		

■ JIS symbol



Model Designation

RP2 · NR - 5 - 1 - B	
Relief function	Pipe port
None With relief	Rc 1/8
NR Without relief	
Set pressure range	Option
0.05 0.01 ~ 0.05MPa	None None
0.2 0.02 ~ 0.2MPa	B Bracket
0.5 0.02 ~ 0.5MPa	



The height is half the height of RP

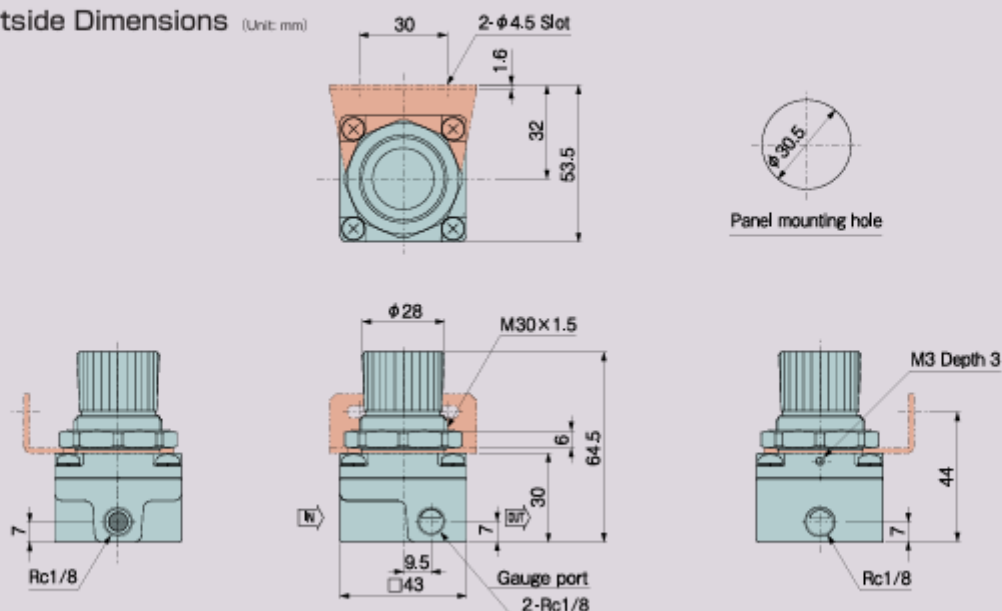
FUJIKURA RUBBER LTD.



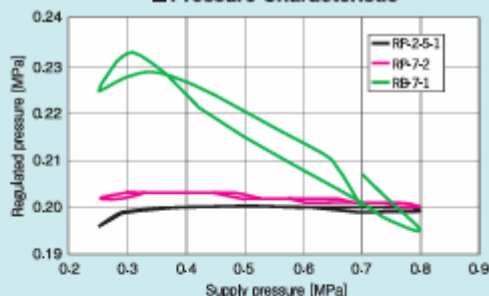
FUJIKURA COMPOSITES

Series RP2

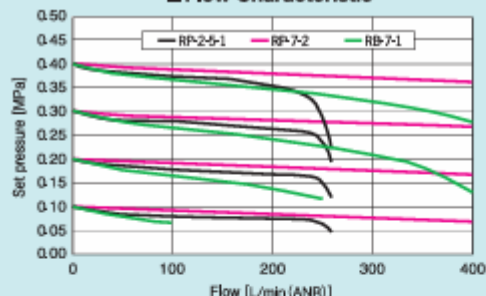
Outside Dimensions (Unit: mm)



■ Pressure Characteristic



■ Flow Characteristic



● FUJIKURA RUBBER's pneumatic equipment

■ General Guide		CAT. No. KS-572E
■ Super Precision Air Regulators	series RS	CAT. No. KS-128E
■ Super Precision Air Relays	series RR	
■ Compact Super Precision Air Regulators	RS2	CAT. No. KS-0394E
■ Precision Air Regulators	series RP	CAT. No. KS-129E
■ Compact Precision Air Regulators	series RP2	CAT. No. KS-0393E
■ Precision Electro-Pneumatic Transducers	series RT	CAT. No. KS-130E
■ Precision Vacuum Pressure Regulators	series RV	CAT. No. KS-131E
■ Miniature Precision Vacuum Pressure Regulators	series RV2	CAT. No. KS-0305E

■ Miniature Regulators	series RA	CAT. No. KS-794E
	series RB	
■ Thin-Type Precision Air Regulators	series RP1	CAT. No. KS-183E
■ Miniature Precision Air Regulators	series RG1	CAT. No. KS-198E
■ Relief Regulators	series VR1	CAT. No. KS-187
■ Fujikura BF Cylinder	series FC	CAT. No. KS-570-01E
	series SC	CAT. No. KS-9137E
	series PC	CAT. No. KS-570-02
	series TC	CAT. No. KS-570-03
	series TD	CAT. No. KS-0373

< General precautions >

- ① Be sure to flush the inside of the pipe before installing the regulator.
- ② Use air as the fluid.
- ③ Cover the regulator when using it in an atmosphere containing a lot of dust, moisture, or oil.
- ④ Exercise care so that excessive external force will not be applied to the product.
- ⑤ The IN side is provided with a built-in filter. However, be careful of the adhesion of foreign matter because fine matter may not be filtered out.
- ⑥ This product is to be used exclusively for pneumatic equipment. Avoid use for medical equipment.

Control Equipment Sales Department

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URL: <https://fujikuracomposites.jp/control/en/company-en/>

Contact: <https://www.fujikuracomposites.jp/control/en/contact-en/>