



FUJIKURA COMPOSITES

THIN-TYPE PRECISION AIR REGULATORS

RP1 · NR-50-1

Features

● The thinnest in this class

The height to the bonnet is 30mm and the thickness is about one third that of the precision pressure reducing valve RP series. The product is best suited for space-saving installation and compact design.

● Superior pressure characteristic

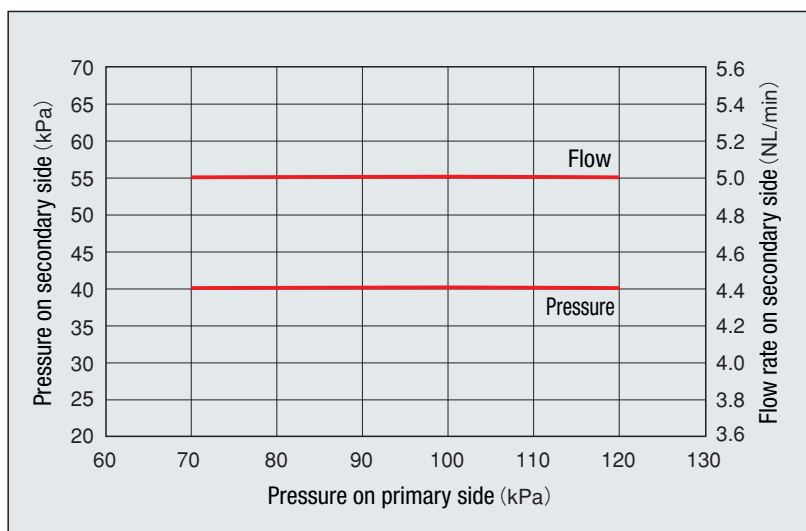
At a small flow rate, it demonstrates performance equivalent to that of the precision pressure reducing valve RP series.

● Accurate control

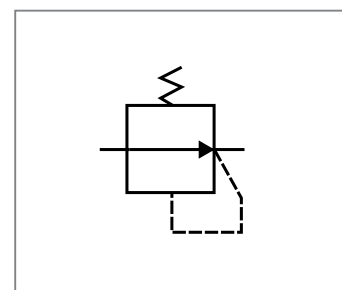
It is superior in pressure reproducibility while featuring direct-acting response.



Pressure characteristic



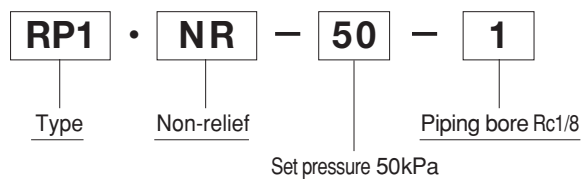
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Specifications

Fluid		Air
Pressure setting range	kPa	max. 50
Pressure range on primary side	kPa	max. 200
Operating temperature	°C	5 ~ 50
Piping connection bore		Rc1/8
Pressure gauge connection bore		Rc1/8
Filter		Available (end connection on IN side)
Weight	g	Approx. 170g

Model Designation

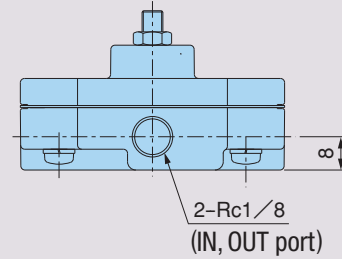
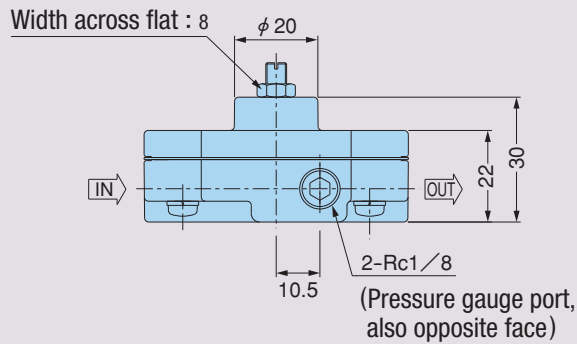


※ Only one type for RP1.

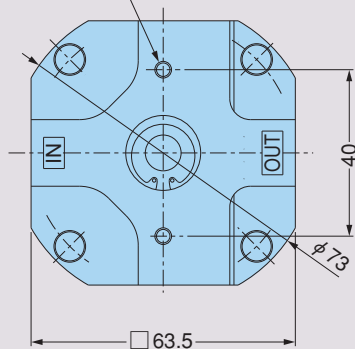
For more information, contact Control Equipment Division, Fujikura Rubber Ltd.

FUJIKURA RUBBER LTD.

RP1·NR-50-1 General guide (unit : mm)



Fitting hole 2-M4 depth 8



Cautions

- ① Use clean compressed air as a fluid (impurities: not more than $5\ \mu\text{m}$) in the specified pressure range.
- ② If foreign matter is mixed in the piping, malfunction may be caused.
- ③ When joints are screwed in the regulator, be careful so that the seal tape will not enter.
- ④ When the joint is connected to the regulator, do not tight the joint too firmly, otherwise the body may be damaged.
- ⑤ If the connections on IN and OUT sides are reversed, the regulator and other apparatuses may be damaged.
- ⑥ If the valve is installed on the primary side of the regulator, the pressure on the secondary side may become unstable.

Fujikura's Pneumatic Control Products Line

■ General Guide		Cat. No. KS-572E
■ Fujikura BF Cylinders	Series FC	Cat. No. KS-570E
■ Super Precision Air Regulators	Series RS	} Cat. No. KS-128E
■ Super Precision Air Relays	Series RR	
■ Precision Air Regulators	Series RP	Cat. No. KS-129E
■ Precision Vacuum Pressure Regulators	Series RV	Cat. No. KS-131E

[Please request respective catalog for detailed contents of each product.]

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