



FUJIKURA COMPOSITES

MINIATURE PRECISION AIR REGULATORS

RG1・NR-40-M5

Features

● The smallest and most lightweight in this class

Width is 30mm and height to the bonnet is 26mm. The product is very small and very light in weight at about 50g, and is best suited for space-saving installation and compact design.

● Superior pressure characteristic

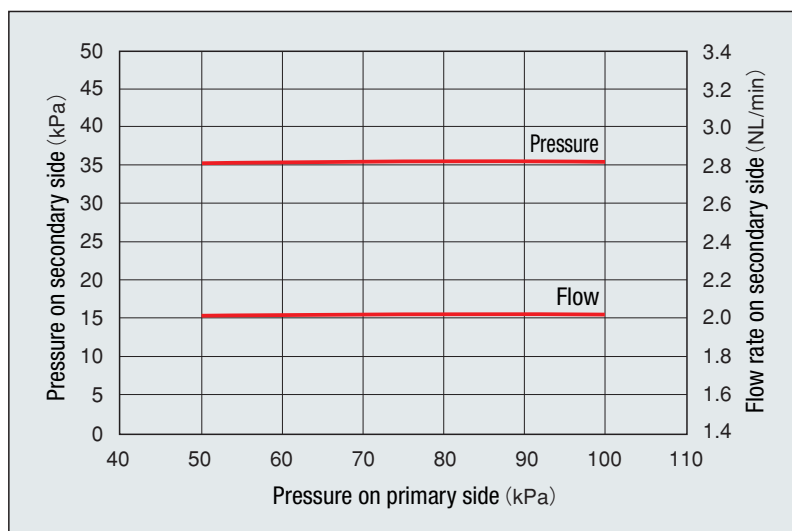
At low flow rate of 3NL/min or less, it demonstrates the performance of the precision pressure reducing valve class.

● Accurate control

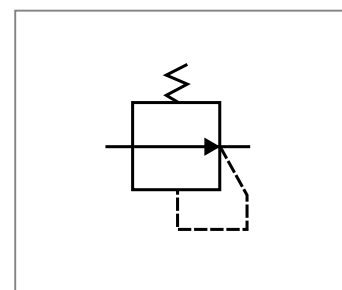
It is superior in pressure reproducibility while featuring direct-acting response.



Pressure characteristic



< JIS symbol >



Specifications

Fluid	Air
Pressure setting range	kPa max. 40
Pressure range on primary side	kPa max. 200
Operating temperature	°C 5 ~ 50
Piping connection bore	M5
Filter	Available (end connection on IN side)
Weight	g Approx. 50

Model Designation

RG1	•	NR	—	40	—	M5
Type		Non-relief		Set pressure 40kPa		Piping bore M5

※ Only one type for RG1.

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

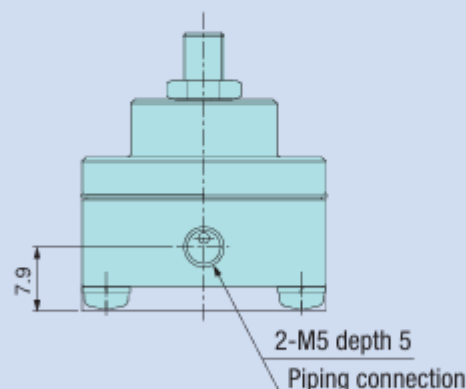
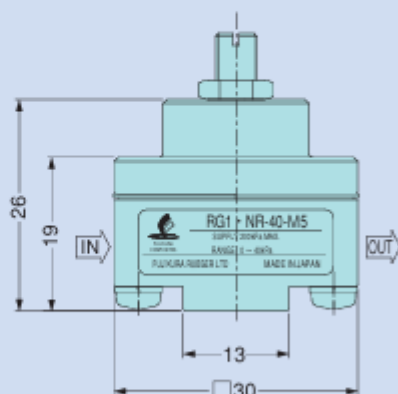
FUJIKURA RUBBER LTD.



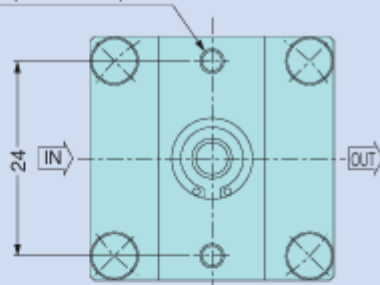
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RG1・NR-40-M5 General guide (unit : mm)



Fitting tap 2-M3 depth 7



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.]