



Pneumatic, Vacuum and Auxiliary Components
Catalog No. CB-024SA

Precision regulator

RPE1000 Series

● Port size: Rc1/4

JIS symbol



Specifications

Item	RPE1000-8-07
Working fluid	Compressed clean air (according to the recommended air circuit described in the single unit catalog (catalog No. CC-1072A))
Max. working pressure MPa	1.0
Min. working pressure MPa	Set pressure +0.1 *1
Proof pressure MPa	1.5
Ambient/fluid temperatures °C	-5 to 60 (no freezing)
Set pressure MPa	0.01 to 0.7
Sensitivity	Within 0.2% of full scale
Repeatability	Within ±0.5% of full scale
Air consumption *2 l/min (ANR)	0.2 or less
Port size	Rc1/4
Pressure gauge port size	Rc1/8
Weight g	250 *3

*1: Flow rate of the secondary side is to be zero.

*2: Conditions where the primary pressure is 0.7MPa and air is consumed in the secondary side. When there is no air consumption, 1 l/min or less air from the EXH port is released from the bleed port.

*3: ● For weight when attachment is included, add the following weight. Bracket: 30 g

Compatibility table by variation

P4	RPE1000
	●

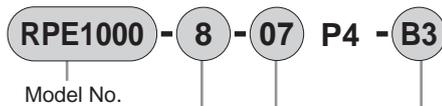
*1: Pressure gauge/pressure sensor must be ordered separately. (Attachment options not available.)

*2: RPE1000 Dimensions differs from the standard.

●: Applicable models ○: Semi-applicable models

▲: Contact CKD for details. □: Not applicable

How to order



A Port size

B Set pressure range

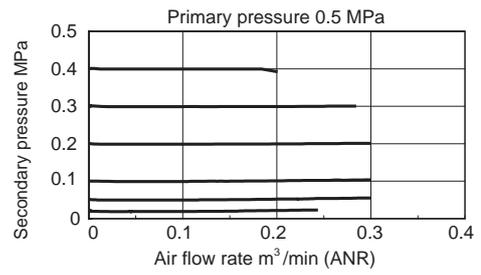
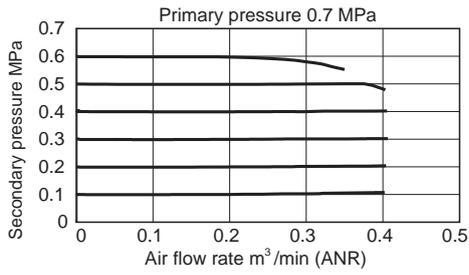
C Attachment

Code	Description
A Port size	
8	Rc1/4
B Set pressure range	
07	MAX.0.7MPa
C Attachment	
Blank	Without attachment
B3	LModelBracket(B131)

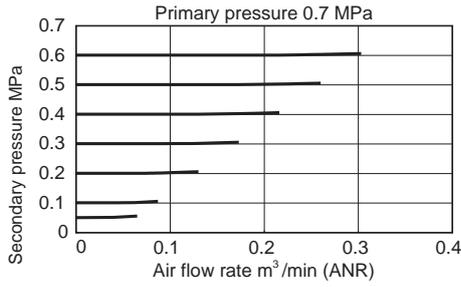
*1: Bracket is attached.

*2: The product includes, one R1/8 plug is included.

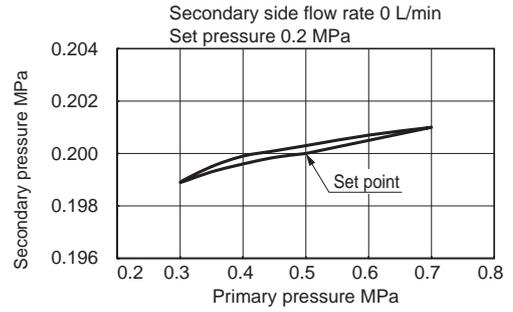
Flow characteristics



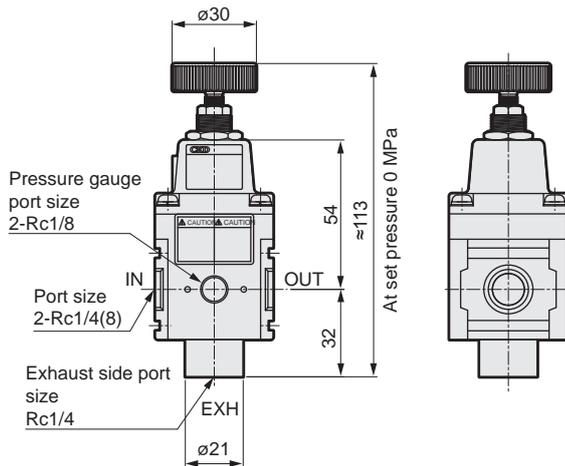
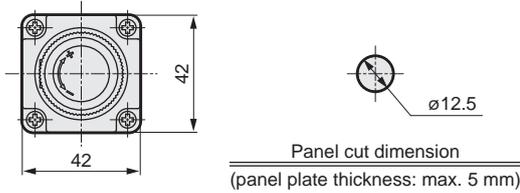
Relief flow characteristics



Pressure characteristics



Dimensions



P4 Series

Pneumatic actuator
Pneumatic cylinders
Hand/Chuck
Related products
Cylinder Switch

Vacuum components
Pneumatic valves

Clean air components
Pneumatic auxiliary components
Speed controller
Fitting
Auxiliary valve
Silencer
Tube

Gas generator
Fluid control components

Electric actuator
Motor specification
Motorless specifications