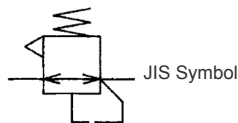


Precision Pressure Regulator/HP10



Pressure gauges in the photo are optional.

Representation

HP 1 0 - 0 2 G B M

Model No.
HP10

Port size
02: Rc $\frac{1}{4}$

Bracket

No mark: No bracket
BM : Both sides

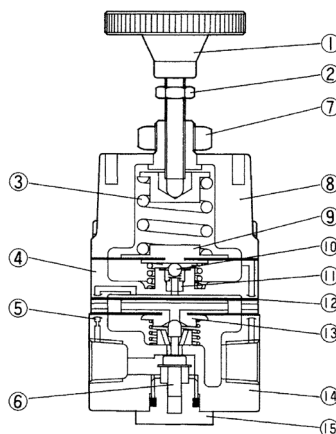
Pressure gauge

No mark: No pressure gauge
G : Pressure gauge

Specifications

Model No.	Unit	HP10
Port size		Rc $\frac{1}{4}$
Pressure gauge connecting port		Rc $\frac{1}{4}$
Reduced pressure range	MPa(kgf/cm 2)	0.005~0.4 [0.05~4]
Max. operating pressure	MPa(kgf/cm 2)	0.7 [7]
Flow consumption	l/min(ANR)	Less than 3
Sensibility of relieving pressure	MPa(kgf/cm 2)	0.0001 [0.001]
Surrounding temperature range	°C	5~50
Weight	kg	0.38

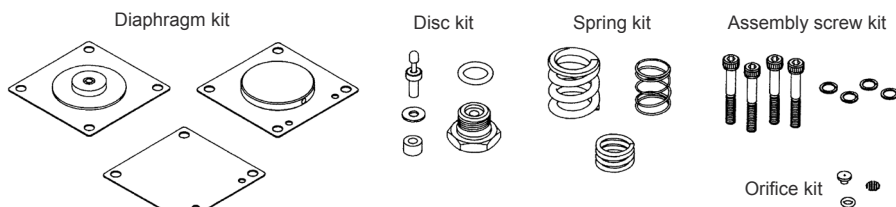
Construction



Components and Parts

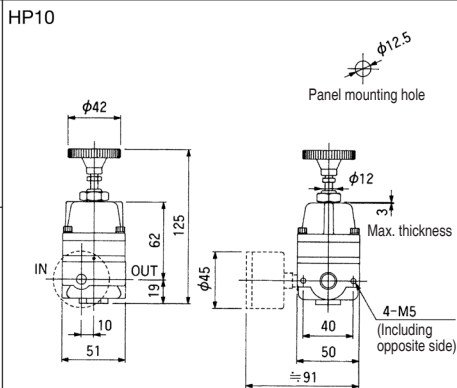
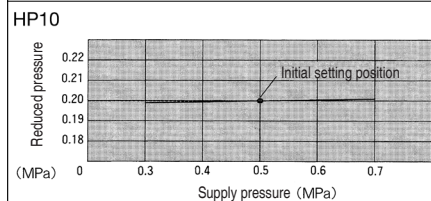
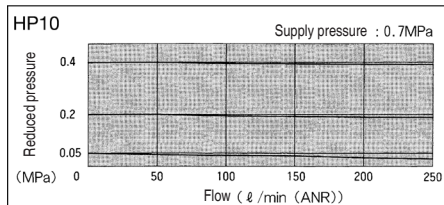
No.	Name	No.	Name
1	Adjusting knob	9	Diaphragm A
2	Lock nut	10	Flapper ball
3	Adjusting spring	11	Nozzle
4	Nozzle housing	12	Diaphragm B
5	Orifice	13	Diaphragm C
6	Disc assembly	14	Body
7	Panel mount nut	15	Bottom plug
8	Spring cage		

Repair Parts



Flow characteristics & Pressure characteristics

(Unit: mm)



Representation

- In order to prevent problems, supply clean compressed air free from dust, moisture and oil to Precision Pressure Regulator.
- Recommend to connect a coalescing filter(Filtration rate : 0.01um).

