

# Type YPR-41 Pressure Reducing Valve for Water and Vapor



## ■ Features

- Two ways to install : horizontally or vertically.
- A constant pressure level with only a single adjustment.
- Wide flow range ability : an outstanding level of minimum adjustable flow & adjustable and stable in a wide flow range.
- Also used as a pressure reducing valve for fire fighting equipment.

## ■ Specifications

Applicable fluid		Water, vapor
Primary pressure		Maximum 20 kgf/cm <sup>2</sup> g
Secondary pressure regulating range		0.5~7kgf/cm <sup>2</sup> g (for standard pressure), 7~12kgf/cm <sup>2</sup> g (for medium pressure)
Maximum pressure reduction ratio		10:1
Minimum differential pressure in the inlet and outlet side of the valve		0.5kgf/cm <sup>2</sup>
Fluid temperature		80° C below
End connection		KS 20K RF FLANGE
Materials	Body	SCPH2, STS316
	Disc, seat	NBR, STS
Hydraulic test pressure		35kgf/cm <sup>2</sup>

- ▶ We also manufacture the ANSI flange.
- ▶ Strainer (over 80 Mesh ) installation is required to ahead inlet when valve installing.

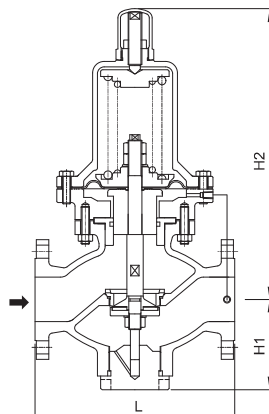
## ■ Dimensions

(mm)

Size	L	H1	H2	Cv
15(1/2")	130	62	227	2.1
20(3/4")	150	65	235	2.1
25(1")	197	72	264	3.5
32(1 1/4")	180	83	274	5.5
40(1 1/2")	235	91	345	8.0
50(2")	267	107	365	14
65(2 1/4")	292	132	425	22
80(3")	318	140	430	32
100(4")	368	150	535	48
125(5")	400	175	704	75
150(6")	473	210	734	108

- ▶ L(Length) is for 20K.

## ■ Dimensional drawing



## ■ Application Diagram (Example)

