

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 ² g
Secondary pressure regulating range		0.5~7kgf/cm ² g (for standard pressure), 7~12kgf/cm ² 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 ²
Fluid temperature		80° C below
End connection		KS 20K RF FLANGE
Materials	Body	SCPH2, STS316
	Disc, seat	NBR, STS
Hydraulic test pressure		35kgf/cm ²

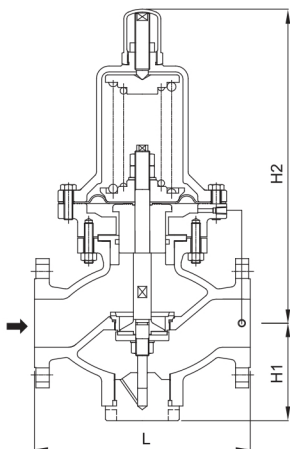
- ▶ We also manufacture the ANSI flange.
- ▶ Strainer (over 80 Mesh) installation is required to ahead inlet when valve installing.

■ Dimensions

Size	L	H1	H2	Cv	(mm)
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 1/2")	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)

