

YPR-41/41K (KC marked) Type Pressure Reducing Valve

This is an air, liquid and gas pressure reducing valve that delivers constant pressure level and can be used from minimum to maximum pressure flow. The valve operates outstanding performance on mid-high level building's elevated tanks and different level of adjustable flow by pump. Also used as a pressure reducing valve for fire fighting, construction facilities and plant equipment.

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.

Specification

Applicable fluid		Water, vapor
Primary pressure		Maximum 2,0MPa
Secondary pressure regulating range		0,05-0,69MPa, 0,69~1,4MPa
Maximum pressure reduction ratio		10:1
Minimum differential pressure in the inlet and outlet side of the valve		0,05MPa
Fluid temperature		5 ~ 80 °C Below
End connection	Inlet	KS 20K RF FLANGE
	Outlet	KS 20K RF FLANGE
Materials	Body	SCPH2
	Disc, seat	NBR, STS
	Diaphragm	NBR
Hydraulic test pressure		1,5 times the water pressure of the flange applied pressure

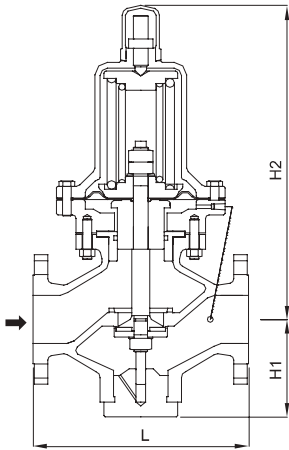
- ▶ We also manufacture the ANSI flange.
- ▶ Strainer (over 80 Mesh) installation is required to ahead inlet when valve installing.
- ▶ KC marked products are order made

Dimensions

(mm)

Size	L	H1	H2	Cv	Weight (kg)
15(½")	130	062	227	3,9	8,2
20(¾")	150	065	235	3,9	8,5
25(1")	197	072	264	5,0	10,4
32(1¼")	180	083	274	5,3	15,1
40(1½")	235	091	345	15,0	25,5
50(2")	267	107	365	18,0	27,2
65(2½")	292	132	425	31,5	47,4
80(3")	318	140	430	56,1	56,0
100(4")	368	150	535	96,9	100
125(5")	400	175	704	123,9	162
150(6")	473	210	734	190,4	225

Dimensional drawing



Application Diagram [Example]

