

YPR-2A Type

PRESSURE REDUCING VELVE(for water)



Screwed T type



Flanged T type

This model is a direct-operated pressure reducing valve for water which has low pressure frequency. This product is widely used for building equipment especially in high-level water tanks for medium and large sized buildings to control water supplying pressure at each level. It is also used to control the water pressure set by direct pump connection and to feed water to boilers.

FEATURES

- Superior performance in water supplying control at the high-level water tank of buildings.
- Compact size & light weight with easy operation.
- Vertical and horizontal installation available.
- Easy pressure adjustment by one time manual handle & guarantee of long sustain of stable pressure.
- Wide range of flow control. Superior performance in extremely small flow adjustment. Keeps wide and stable status of flow.
- Disassembled into each components.
- Water-hammer -proof spring type orifice embedded.

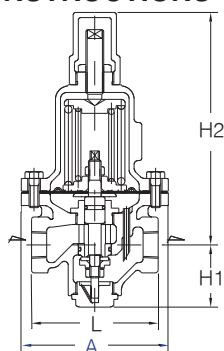
SPECIFICATION

Applicable fluid	Water	
Applicable primary pressure	Max. 10kgf/cm ² g	
Adjustable secondary pressure	Outer spring Inner & outer spring	0.5 ~ 3.5kgf/cm ² g 3 ~ 7kgf/cm ² g
Min. pressure differential across the disc.	0.5kgf/cm ²	
Max. reducing rate	10:1	
Min. adjustable flow	Water 2 ~ 5 ℓ/min	
Applicable temperature	5 ~ 80°C	
Leakage allowance	0	
End connection	KS PT SCREWED (15 ~ 25A), KS 10K FF FLANGE (40 ~ 150A)	
Valve body pressure test	15kgf/cm ² g	
Materials	Body : Cast iron Disc/seal : NBR, Cast bronze	

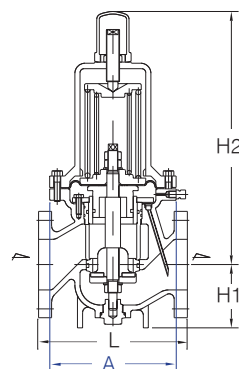
DIMENSIONS

						mm
Size	L	A	H1	H2	Cv	Weight(kg)
15 (1/2")	100	116	50	184	2.1	3.7
20 (3/4")	100	116	50	184	2.1	3.7
25 (1")	120	142	68	224	3.5	6.9
32 (1 1/4")	190	174	81	327	8.0	17.0
40 (1 1/2")	190	174	81	327	8.0	17.0
50 (2")	190	174	81	327	14	18.6
65 (2 1/2")	250	228	100	374	22	36.3
80 (3")	250	228	100	374	32	37.4
100 (4")	290	250	125	490	48	67.0
150 (6")	390	340	165	655	108	150

CONSTRUCTIONS



Screwed Type (15 ~ 25A)



Flanged Type (32 ~ 150A)