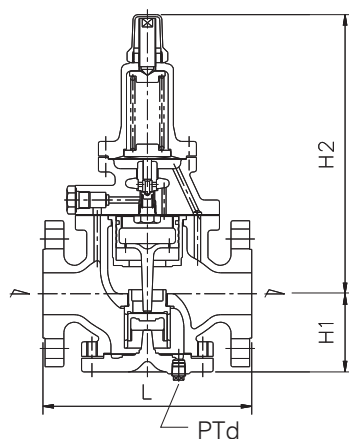


YPR-1S Type PRESSURE REDUCING VALVE(for steam)



This model is a pressure reducing valve condensed compactly with high performance and reliable operation and is most suitable for use in buildings and industrial steam lines. The product designed in consideration of stable operation displays its superior performance under the severe condition of high steam flow change and severe primary pressure, changes.

CONSTRUCTIONS



FEATURES

- A pilot-operated pressure reducing valve for steam provides precise adjustment.
- Easy pressure adjustment by one time manual handle & guarantee of long sustain of stable pressure.
- Compact and firm design & easy piping method.
- Superior performance under the severe condition of high frequency of the primary steam pressure.
- Regardless of the flow change at the secondary side, the product keeps constant outlet pressure okay.

SPECIFICATION

Applicable fluid	Steam
Applicable primary pressure	Max. 10kgf/cm ² g
Applicable secondary pressure	0.35~5kgf/cm ² g(Standard pressure) 4~8kgf/cm ² g(Medium pressure)
Minimum reducing rate	10:1
Lock up pressure	0.7kgf/cm ²
Minimum adjustable flow	5% of rated flow
Leakage allowance	Less than 0.05% of rated flow
Applicable tempeature	Below 220℃
End connection	KS 10K RF FLANGE
Materials	Body : Cast iron Disc / seat : Cast bronze
Valve body pressure test	Hydraulic 15kgf/cm ² g

DIMENSIONS

(mm)						
Size	L	d	H1	H2	Cv	Weight(kg)
15(1/2")	152	1/4"	63	230	1	8.0
20(3/4")	152	1/4"	63	230	2.5	8.0
25(1")	170	1/4"	71	255	4	12.5
32(1 1/4")	200	1/4"	81	265	6.5	16
40(1 1/2")	200	1/4"	81	265	9	16.5
50(2")	215	1/4"	86	270	16	21
65(2 1/2")	245	3/8"	110	285	25	29
80(3")	285	3/8"	130	295	36	39.5
100(4")	320	3/8"	148	308	64	68
125(5")	380	3/8"	173	368	100	83.3
150(6")	420	3/8"	189	378	144	101
200(8")	500	3/8"	229	451	256	183

► For sizes, over 250mm are also available upon request

INSTALLATION EXAMPLE

