

YPR - 10S, 10F Type PRESSURE REDUCING VALVE(FOR WATER)



YPR-10S Type



YPR-10F Type

These models are pressure reducing valves produced on the basis of all Samyang's condensed technology and are the most compact and the lightest model of high quality. This model is most suitable for maintenance of big-sized buildings & factories, households, water supplying pipelines for boilers.

FEATURES

- Low noise.
- Reduction in size and weight up to 50% in comparison with the conventional types.
- No leakage allowance even in case of damage of diaphragm.
- Installation both in horizontal and vertical direction is possible.
- Strainer embedded.

SPECIFICATION

Items	YPR-10S	YPR-10F
Size	25~40A	50~100A
End connection	KS PT SCREW	KS 10K FF FLANGE
Applicable pressure	Max. 10kgf/cm ² g	
Applicable fluid	Water & hot water	
Applicable temperature	5~80°C	
Applicable secondary pressure	Spring range : 0.5~3.5, 3~7kgf/cm ² g	
Maximum reducing rate	10 : 1	
Minimum differential pressure across the disc	0.5kgf/cm ²	
Leakage allowance	0	
Materials	Body: Cast bronze Seat : Cast bronze Diaphragm / Disc : NBR	
Valve body pressure test	Hydraulic 15kgf/cm ² g	

DIMENSIONS

(YPR-10S)

Size	L	H1	H2	øA	Cv	Weight(kg)
25 (1")	146	48.5	141	100	3.5	2.6
32 (1 1/4")	190	55	192	135	5.7	4.9
40 (1 1/2")	190	55	192	135	8.5	5.1

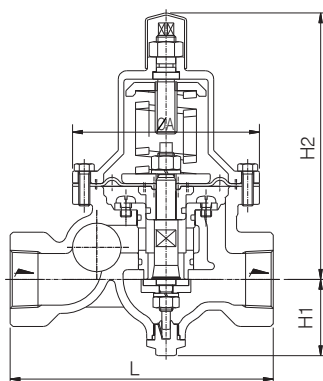
(mm)

(YPR-10F)

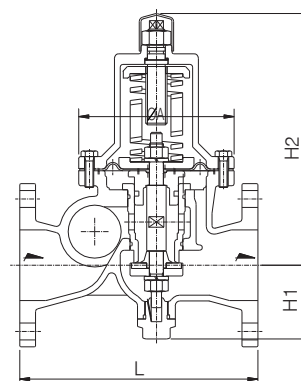
Size	L	H1	H2	øA	Cv	Weight(kg)
50 (2")	220	63.7	205	140	13.5	12
65 (2 1/2")	270	83.5	285	176	17	22
80 (3")	270	83.5	285	176	25	28.5
100 (4")	309	94.5	350	218	40	39

(mm)

CONSTRUCTIONS



YPR-10S Type



YPR-10F Type