

APR-R7 TYPE Pressure Reducing Valve (For Steam)

This pressure reducing valve automatically adjusts the steam flow to meet the downstream system demand, thus provide constant downstream pressure.



■ OPERATING PRINCIPLE

- Changes in downstream pressure are sensed by the bellows, which expands or contracts depending on the pressure change.
- The movement of the bellows will be directly transferred to the spring, which will open or close the main valve, thus keeping the downstream pressure at a certain level.

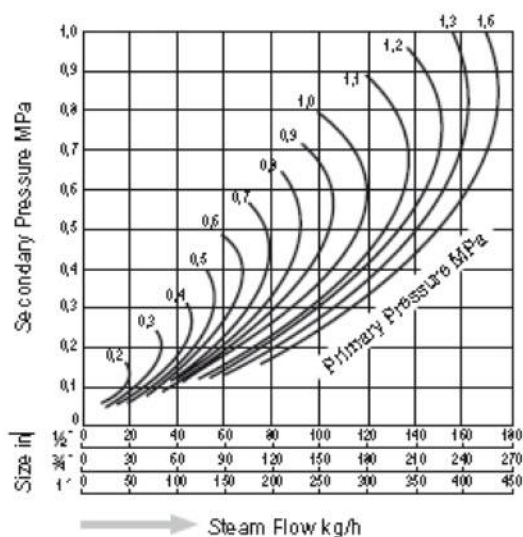
■ SPECIFICATION

Type		APR-R7
Applicable fluid		Steam
Primary pressure		0.2-1.6MPa
Secondary pressure		0.05-1.0MPa
Maximum pressure reduction ratio		10: 1
Max. Operating temperature		204°C
End connection		NPT
Materials	Body	STS
	Trim	STS
Hydraulic test pressure		30kgf/cm ² g

■ DIMENSION

(mm)					
Size	L	H1	H2	W	Weight(kg)
15(½")	80	137	46	65	1.4
20(¾")	90				1.6
25(1")	105	144	58		1.9

■ CAPACITY CHART



■ CONSTRUCTIONS

