

R7 Series



STAINLESS STEEL PRESSURE REDUCING VALVE

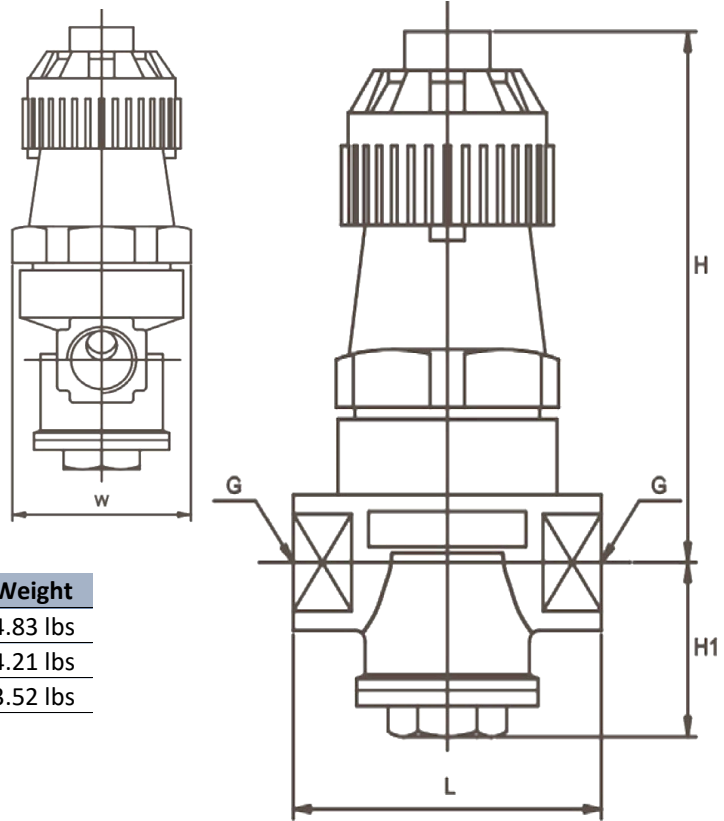


Specifications

- 230 psi @ 428° F Max.
- 7-145 psi Pressure Range
- 10:1 Maximum Reducing Rate
- 7 psi Minimum Differential Pressure
- Sizes: 1/2", 3/4" and 1"
- Media: Steam, Gas, Air

Features

- Stainless Steel Body
- Stainless Steel Internals
- 100% Leak & Pressure Tested



Size	L	H1	H	W	Weight
1"	4-1/8"	2-1/4"	5-1/2"	2-5/8"	4.83 lbs
3/4"	3-5/8"	1-7/8"	5-1/4"	2-5/8"	4.21 lbs
1/2"	3-1/8"	1-7/8"	5-1/4"	2-5/8"	3.52 lbs

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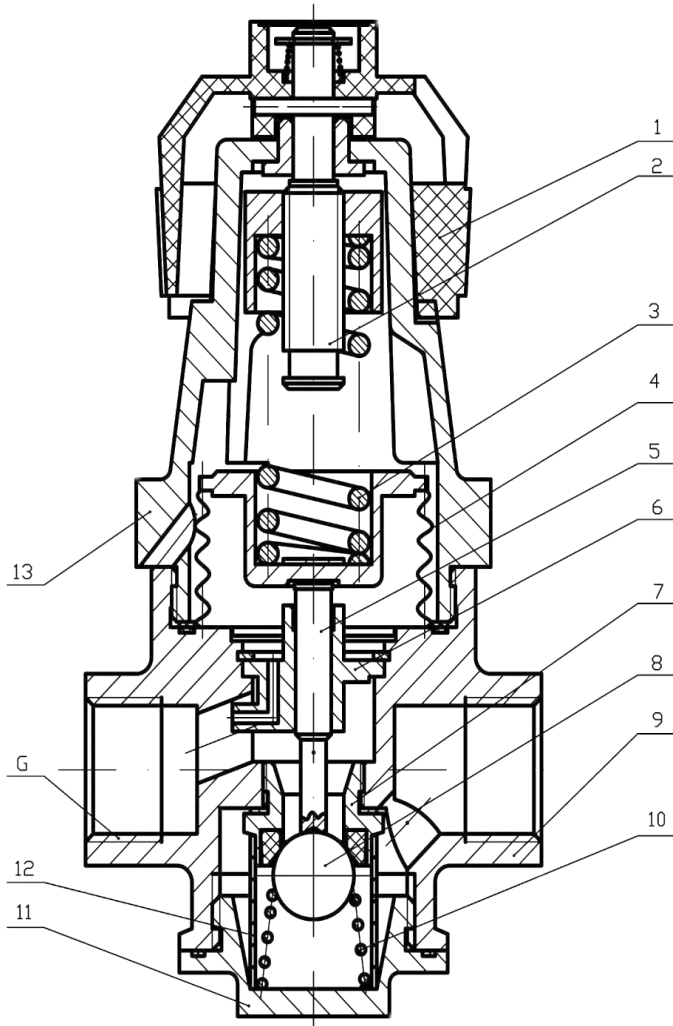
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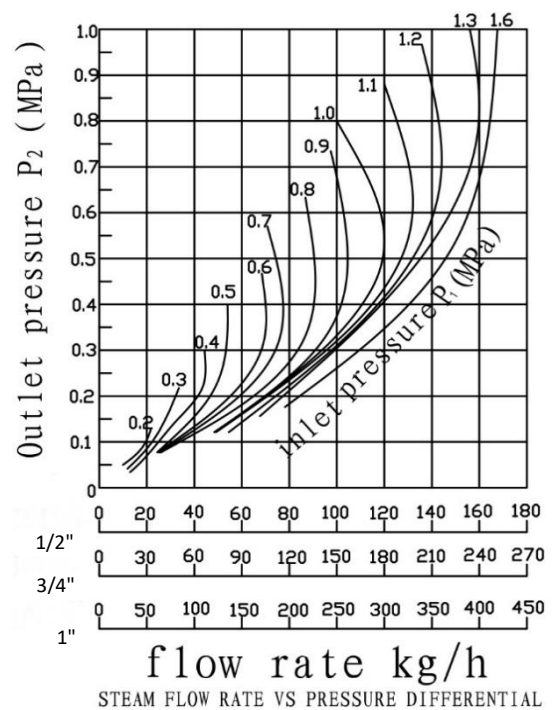
STAINLESS STEEL PRESSURE REDUCING VALVE

Technical Specification



No.	Description
1	Self-Lock Hand Wheel
2	SST Screw Rod Regulator
3	SST Spring Regulator
4	SST Bellows
5	SST Valve Rod
6	SST Apron
7	SST Valve Seat
8	SST Ball
9	SST Body
10	SST Valve Spring
11	SST Body Bottom Cover
12	SST Filter
13	Aluminum Valve Cover

Orifice size (in.)	1/2"	3/4"	1"
Medium	Steam, Nitrogen, air		
Medium Temp. (°C)	≤220		
Ambient temperature (°C)	-10~40		
Inlet Pressure P1 (MPa)	0.1~1.6		
Outlet Pressure P2 (MPa)	0.05~1.0		
Max (P1-P2)(MPa)	10:1		
Min. (P1-P2)(MPa)	≥0.07		
Flow rate (KV)	0.9	1.6	2.6
Port size NPT, G or BSP	1/2"	3/4"	1"
Sealing	After closing the valves, the pressure increase value ≤0.07MPa.		



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