DIAPHRAGM PRESSURE REGULATORS

PR SERIES

The PR Series is a pressure regulating valve that are suitable for pressure control of air, gas, water, oil and similar fluids requiring constant outlet pressure between 10 and 150 psig.

Technical Data

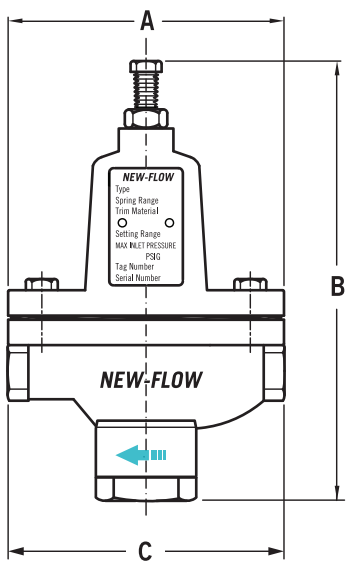
Differentail Pressure: Up to 150psi on water, air, oil, gas, and chemicals
Inlet Pressure: maximum 2.07 Mpa (300psi)
Body Material: CF8M
Diaphragm Material: Neoprene+Nylon;
Neoprene+Nylon/Teflon lining;
Newlon (PTFE based, max. 230°C)
Seat Material: Viton or FFKM
Plug & Trim Material: SS316
Operating Temperature: -40°C to +100°C
Adjustable Outlet Pressure in Range:

A	B	C
10~55 psi	40~85 psi	70~150 psi

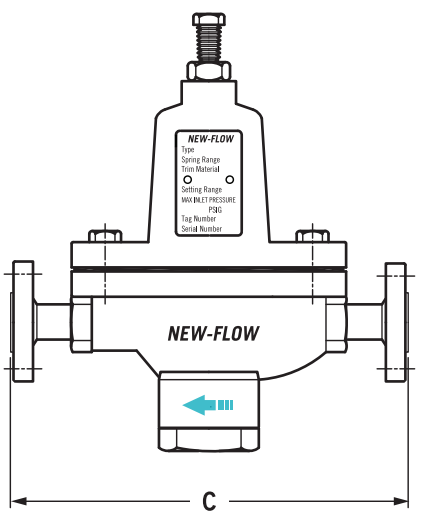
CV: ½"–2; ¾" & 1"–3.6; 1½" & 2"–12
Tight Shutoff: Soft (ANSI Class VI Bubble-tight) Shutoff

Dimensions

THREAD TYPE



FLANGE TYPE



unit=mm

Size	A	B	C	
			THREAD	FLANGE
½"	125	250	125	220
¾"	152	294	130	250
1"	152	294	130	250
1½"	235	505	190	350
2"	235	505	190	350

Ordering Information

PR	Code	Process Connection Size									
	1	½"	2	¾"	3	1"	4	1½"	5	2"	

Code	Range				
A	10~55 psi	B	40~85 psi	C	70~150 psi

Code	Body Material
1	Stainless Steel (CF8M)

Code	Diaphragm Material				
1	Neoprene+Nylon	2	Neoprene+Nylon/Teflon lining	3	Newlon

Code	Seat Material		
A	Viton	B	FFKM

Code	End Connection
	(A) NPT (B) 150# (C) 300# (D) Other

PR							Complete Ordering Code

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