

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

Differential 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

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