



Direct-acting, pressure reducing valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1. These valves incorporate a damped construction for stable operation allowing the use of high reduced pressure. This valve is open in the transition from reducing to relieving. It provides good pressure control and dynamic response.

**TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	0.25 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	20 in <sup>3</sup> /min.
Adjustment - No. of CW Turns from Min. to Max. setting	7
Locknut Hex Size	1/2 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-163-007
Seal kit - Cartridge	Viton: 990-163-006

**CONFIGURATION OPTIONS**

**Model Code Example: PRBCLANV**

**CONTROL**

**(L) ADJUSTMENT RANGE**

**(A) SEAL MATERIAL**

**(V)**

- L** Standard Screw Adjustment
- C** Tamper Resistant - Factory Set

- A** 500 - 3000 psi (35 - 210 bar), 700 psi (50 bar) Standard Setting
- B** 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting
- D** 25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting
- E** 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting
- W** 750 - 4500 psi (50 - 315 bar), 1000 psi (70 bar) Standard Setting

- V** Viton
- E** EPDM
- N** Buna-N