



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.

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)	2 in ³ /min.
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	1/2 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-163-007
Seal kit - Cartridge	EPDM: 990-163-014
Seal kit - Cartridge	Viton: 990-163-006

CONFIGURATION OPTIONS

Model Code Example: PRBRLAN

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)	MATERIAL/COATING
L	Standard Screw Adjustment	A	500 - 3000 psi (35 - 210 bar), 700 psi (50 bar) Standard Setting	N	Buna-N	Standard Material/Coating
C	Tamper Resistant - Factory Set	B	50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting	E	EPDM	/AP Stainless Steel, Passivated
K	Handknob	D	25 - 800 psi (1,7 - 55 bar), 200 psi (14 bar) Standard Setting	V	Viton	/LH Mild Steel, Zinc-Nickel
		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			