



Direct-acting, pressure reducing/relieving valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). Draining port 4 makes the valve insensitive to pressure at port 3. 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.

Factory Pressure Settings Established at	0.25 gpm
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	50 cc/min.@70 bar
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	15 mm
Locknut Torque	9 - 10 Nm
Seal kit - Cartridge	Buna: 990022007
Seal kit - Cartridge	Polyurethane: 990022002
Seal kit - Cartridge	Viton: 990022006

CONFIGURATION OPTIONS

Model Code Example: PSFBLAN

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)
L Standard Screw Adjustment	A	750 - 3000 psi (50 - 210 bar), 1000 psi (70 bar) Standard Setting	N	Buna-N	
C Tamper Resistant - Factory Set	B	300 - 1500 psi (20 - 105 bar), 500 psi (35 bar) Standard Setting	V	Viton	
K Handknob	D	200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting			
	E	100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting			
	S	50 - 200 psi (3,5 - 14 bar), 100 psi (7 bar) Standard Setting			