



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)	65 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: 990023007
Seal kit - Cartridge	EPDM: 990023014
Seal kit - Cartridge	Polyurethane: 990023002
Seal kit - Cartridge	Viton: 990023006

**CONFIGURATION OPTIONS**

**Model Code Example: PSHBLAN**

CONTROL	(L)	ADJUSTMENT RANGE	(A)	SEAL MATERIAL	(N)
<b>L</b> Standard Screw Adjustment		<b>A</b> 750 - 3000 psi (50 - 210 bar), 1000 psi (70 bar) Standard Setting		<b>N</b> Buna-N	
<b>C</b> Tamper Resistant - Factory Set				<b>E</b> EPDM	
<b>K</b> Handknob		<b>B</b> 300 - 1500 psi (20 - 105 bar), 500 psi (35 bar) Standard Setting		<b>V</b> Viton	
		<b>D</b> 200 - 800 psi (14 - 55 bar), 400 psi (28 bar) Standard Setting			
		<b>E</b> 100 - 400 psi (7 - 28 bar), 200 psi (14 bar) Standard Setting			
		<b>S</b> 50 - 200 psi (3,5 - 14 bar), 100 psi (7 bar) Standard Setting			
		<b>W</b> 1100 - 4500 psi (76 - 315 bar), 1100 psi (76 bar) Standard Setting			