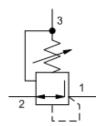
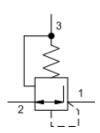
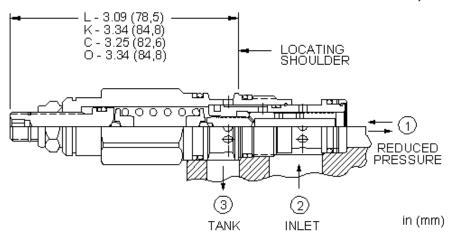


snhy.com/PRDB







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). 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	blocked control port (dead headed)
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	30 cc/min.
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: 990011007
Seal kit - Cartridge	EPDM: 990011014
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006

NOTES

CONTROL

For Series 1 cartridges configured with an O control (panel mount handknob), a .75 in. (19 mm) diameter hole is required in the panel.

CONFIGURATION OPTIONS

Model Code Example: PRDBLAN

L Standard Screw Adjustment

(L) ADJUSTMENT RANGE

(A) SEAL MATERIAL N Buna-N

E EPDM

V Viton

(N) MATERIAL/COATING

- C Tamper Resistant Factory Set
- K Handknob
- Y Tri-Grip Handknob

A 500 - 3000 psi (35 - 210 bar), 700 psi (50 bar) Standard Setting

- W 750 4500 psi (50 315 bar), 1000 psi (70 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
- s bar) Standard Settingbar), 100 psi (7 bar) Standard Setting

Standard Material/Coating

IAP Stainless Steel, Passivated **/LH** Mild Steel, Zinc-Nickel