

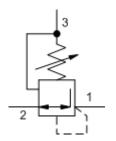


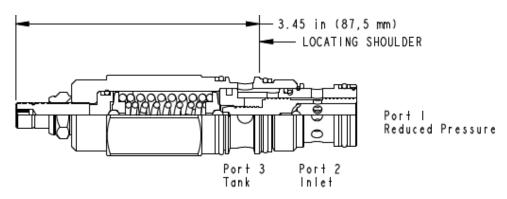
Direct-acting, pressure reducing/relieving valve

CAPACITY: 20 gpm / CAVITY: T-2A



sunhydraulics.com/model/PRFB





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.

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	0.25 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	3 in³/min.
Adjustment - No. of CW Turns from Min. to Max. setting	5
Locknut Hex Size	9/16 in.
Locknut Torque	80 - 90 lbf in.
Seal kit - Cartridge	Buna: 990-202-007
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006

CONFIGURATION OPTIONS CONTROL

(L) ADJUSTMENT RANGE

SEAL MATERIAL

(N) MATERIAL/COATING

L Standard Screw Adjustment

- Tamper Resistant Factory Set
- K Handknob

A 750 - 3000 psi (50 - 210 bar), 1000 psi (70 bar) Standard Setting

Model Code Example: PRFBLAN

- B 300 1500 psi (20 105 bar), 500 psi (35 bar) Standard Setting
- 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
- W 1000 4500 psi (70 315 bar), 1000 psi (70 bar) Standard Setting

N	Buna-N		Standard Material/Coating
Е	EPDM	/AP	Stainless Steel, Passivated
٧	Viton	/LH	Mild Steel, Zinc-Nickel

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