

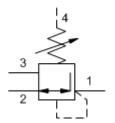
MODEL PSFB

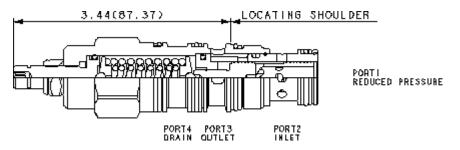
Direct-acting, pressure reducing/relieving valve with drain to port 4

CAPACITY: 20 gpm / CAVITY: T-22A



sunhydraulics.com/model/PSFB





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.

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	0.25 gpm
Maximum Valve Leakage at 110 SUS (24 cSt)	3 in³/min.@1000 psi
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: 990-022-007
Seal kit - Cartridge	Polyurethane: 990-022-002
Seal kit - Cartridge	Viton: 990-022-006

CONFIGURATION OPTIONS CONTROL

Model Code Example: PSFBLAN

(L) ADJUSTMENT RANGE

(A) SEAL MATERIAL

(N)

L Standard Screw Adjustment

- C Tamper Resistant Factory Set
- **K** Handknob

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

N Buna-NV Viton

©2024 Sun Hydraulics 1 of 1