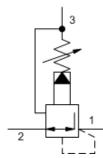
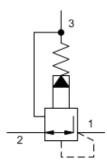


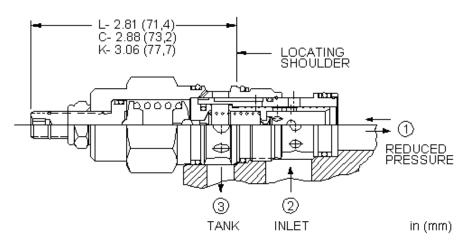
MODEL PPFB



snhy.com/PPFB







Pilot-operated, 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).

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 |
| Control Pilot Flow | 0,16 - 0,25 L/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: 990202007 |
| Seal kit - Cartridge | EPDM: 990202014 |
| Seal kit - Cartridge | Polyurethane: 990002002 |
| Seal kit - Cartridge | Viton: 990202006 |

• Maximum pressure differentials for spring ranges: A and B are 3000 psi (210 bar) N and Q are 2000 psi (140 bar) W is 5000 psi (350 bar)inlet pressure

• 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: PPFBLAN

| CONTROL | (L) ADJUSTMENT RANGE (A) | SEAL MATERIAL (N) | MATERIAL/COATING |
|--|---|-------------------------------|---|
| L Standard Screw Adjustment C Tamper Resistant - Factory Set K Handknob M Capped Screw Adjustment with Lockwire Holes Q Capped and Lockwired W Hex Wrench Adjustment Y Tri-Grip Handknob | A 100 - 3000 psi (7 - 210 bar), 200 psi (14 bar) Standard Setting W 150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar) Standard Setting B 50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar) Standard Setting N 60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard Setting Q 60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting | N Buna-N E EPDM V Viton | Standard Material/Coating /AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel |