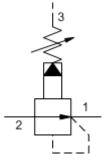
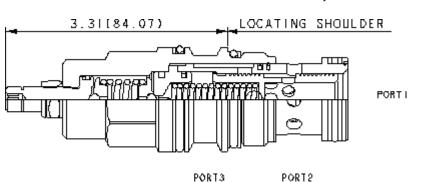


Pilot-operated, pressure reducing valve with drilled piston orifice CAPACITY: 40 gpm / CAVITY: T-17A



sunhydraulics.com/model/PBHF





Pilot-operated, pressure reducing valves reduce a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1, allowing circuits with multiple pressure requirements to be operated using a single pump.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	5000 psi
Control Pilot Flow	15 - 20 in³/min.
Factory Pressure Settings Established at	blocked control port (dead headed)
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: 990-017-007
Seal kit - Cartridge	Polyurethane: 990-017-002
Seal kit - Cartridge	Viton: 990-017-006

CONFIGURATION OPTIONS

CONTROL

Standard Screw Adjustment

- Tamper Resistant Factory Set С
- к Handknob
- Capped Screw Adjustment with Lockwire Holes Μ
- Capped and Lockwired Q
- W Hex Wrench Adjustment
- Tri-Grip Handknob Υ

Model Code Example: PBHFLAN ADJUSTMENT RANGE (L)

Standard Setting

Standard Setting

Standard Setting

Setting

Setting

Δ

В

Ν

Q

w

100 - 3000 psi (7 - 210 bar), 200 psi (14 bar)

50 - 1500 psi (3,5 - 105 bar), 200 psi (14 bar)

60 - 800 psi (4 - 55 bar), 200 psi (14 bar) Standard

60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard

150 - 4500 psi (10,5 - 315 bar), 200 psi (14 bar)

SEAL MATERIAL (A)

Buna-N Ν

٧

Viton

(N)