

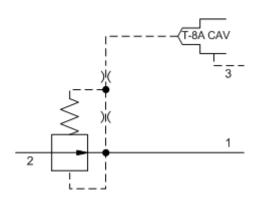


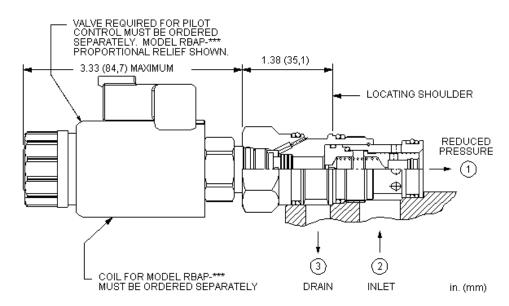
Pilot-operated, pressure reducing main stage with drilled piston orifice and integral T-8A control cavity

CAPACITY: 20 gpm / CAVITY: T-2A



sunhydraulics.com/model/PBFF8





This valve is a normally open modulating element that incorporates an integral pilot control cavity. The pilot control cavity will accept any T-8A pressure control cartridge. The valve reduces a high primary pressure at the inlet (port 2) to a constant reduced pressure at port 1. The pilot cartridge's setting determines the difference in pressure between reduced pressure (port 1) and the drain (port 3).

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

Maximum Operating Pressure	5000 psi
Control Pilot Flow	10 - 15 in³/min.
Pilot Control Cavity	T-8A
Pilot Control Valve Hex Size	7/8 in.
Pilot Control Valve Installation Torque	20 - 25 lbf ft
Seal kit - Cartridge	Buna: 990-202-007
Seal kit - Cartridge	EPDM: 990-202-014
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006

CONFIGURATION OPTIONS

MINIMUM CONTROL PRESSURE

Model Code Example: PBFF8WN

) SEAL MATERIAL

(N)

W 100 psi (7 bar)

25 psi (1,7 bar)

N Buna-N

V Viton

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