

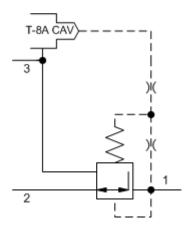


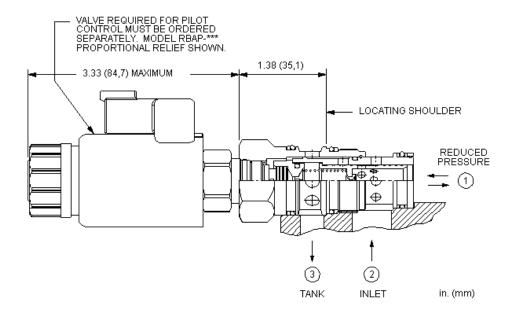
Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity

CAPACITY: 20 gpm / CAVITY: T-2A



sunhydraulics.com/model/PPFB8





This valve is a 3-way, 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, with a full flow relief function from port 1 to tank (port 3). The pilot cartridge's setting determines the difference in pressure between reduced pressure (port 1) and the tank (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	

NOTES: • Compound cartridge (pilot and main stage) assembly information is provided for reference only. Cartridges must be ordered separately and assembled at point of

CONFIGURATION OPTIONS

Model Code Example: PPFB8WN

MINIMUM CONTROL PRESSURE

(W) SEAL MATERIAL

(N) MATERIAL/COATING

W	100 psi (7 bar)	
D	25 psi (1,7 bar)	

N	Buna-N
Е	EPDM
٧	Viton

	Standard Material/Coating
/AP	Stainless Steel, Passivated
/LH	Mild Steel, Zinc-Nickel

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