

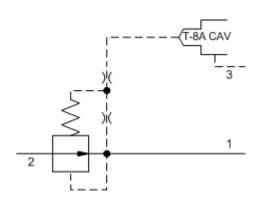
MODEL PBDB8

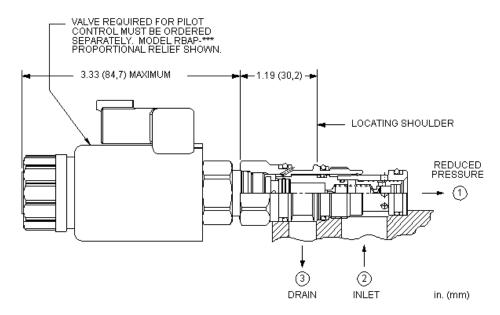
Pilot-operated, pressure reducing main stage with integral T-8A control cavity

CAPACITY: 10 gpm / CAVITY: T-11A



sunhydraulics.com/model/PBDB8





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	7 - 10 in³/min.
Pilot Control Cavity	T-8A
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	EPDM: 990-011-014
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

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

CONFIGURATION OPTIONS Model Code Example: PBDB8WN

BIAS PRESSURE (W) SEAL MATERIAL (N) MATERIAL/COATING

 W
 100 psi (7 bar)
 N
 Buna-N
 Standard Material/Coating

 D
 25 psi (1,7 bar)
 V
 Viton
 IAP
 Stainless Steel, Passivated

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