

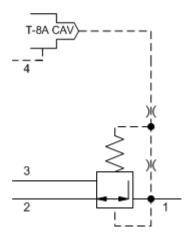
MODEL PVDA8

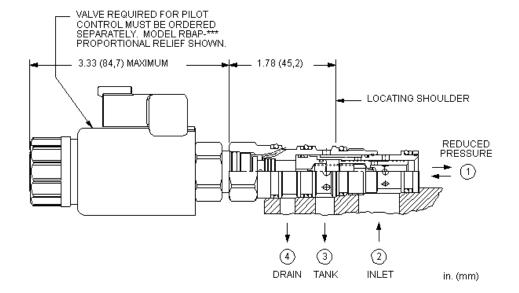
Pilot-operated, pressure reducing/relieving main stage with integral T-8A control cavity and drain to port 4

CAPACITY: 10 gpm / CAVITY: T-21A



sunhydraulics.com/model/PVDA8





This valve is a 3-way, normally open modulating element, externally drained, 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 drain (port 4).

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: 990-021-007
Seal kit - Cartridge	Polyurethane: 990-021-002
Seal kit - Cartridge	Viton: 990-021-006

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: PVDA8WN

MINIMUM CONTROL PRESSURE (W) SEAL MATERIAL (N)

W 100 psi (7 bar)

N Buna-NV Viton

25 psi (1,7 bar) V

©2024 Sun Hydraulics 1 of 1