



The direct-acting reducer/reliever main section is meant to act as an interface between a low flow pressure source at port 4 and a circuit with higher flow requirements. The valve will reduce a high primary pressure at the inlet (port 2) to a reduced pressure at port 1, with a full-flow relief function from port 1 to tank (port 3). The valve incorporates a damped construction for stable operation allowing the use of high reduced pressure.

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

Maximum Operating Pressure	5000 psi
Factory Pressure Settings Established at	blocked control port (dead headed)
Maximum Valve Leakage at 110 SUS (24 cSt)	4 in ³ /min. @1000 psi
Seal kit - Cartridge	Buna: 990-023-007
Seal kit - Cartridge	EPDM: 990-023-014
Seal kit - Cartridge	Polyurethane: 990-023-002
Seal kit - Cartridge	Viton: 990-023-006

CONFIGURATION OPTIONS

Model Code Example: PSHTXNV

CONTROL

(X)

SEAL MATERIAL

(V)

Not Adjustable

Viton

EPDM

Buna-N