



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 |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 2.5 in ³ /min. |
| Seal kit - Cartridge | Buna: 990-021-007 |
| Seal kit - Cartridge | EPDM: 990-021-014 |
| Seal kit - Cartridge | Polyurethane: 990-021-002 |
| Seal kit - Cartridge | Viton: 990-021-006 |

CONFIGURATION OPTIONS

Model Code Example: **PSDTXN**

CONTROL

(X)

SEAL MATERIAL

(N)

Not Adjustable

N Buna-N

E EPDM

V Viton