



This is a normally open, balanced poppet, switching element with an integral T-8A control cavity. With a 2-way valve in the closed position installed in the T-8A control cavity, the poppet remains open. Opening the 2-way valve shifts the poppet to the closed position, provided there is sufficient pressure at port 3.

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

| | |
|--|---------------------------|
| Maximum Operating Pressure | 5000 psi |
| Minimum Pilot Pressure Required to Shift Valve | 300 psi |
| Control Pilot Flow | See Performance Data |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 10 drops/min.@5000 psi |
| 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: 990-023-007 |
| Seal kit - Cartridge | Polyurethane: 990-023-002 |
| Seal kit - Cartridge | Viton: 990-023-006 |

CONFIGURATION OPTIONS

Model Code Example: **DOHR8HN**

MINIMUM PILOT PRESSURE

(H) SEAL MATERIAL

(N)

H 200 psi (14 bar)

N Buna-N

V Viton