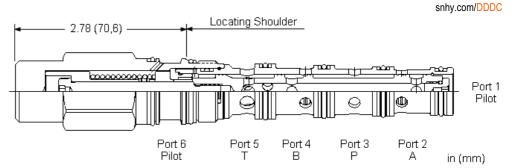


# CONFIGURATION

| Х                    | Control             | Not Adjustable              |  |
|----------------------|---------------------|-----------------------------|--|
| В                    | Spool Configuration | B to T Center               |  |
| Ν                    | Seal Material       | Buna-N                      |  |
| /AP Material/Coating |                     | Stainless Steel, Passivated |  |



Three-position, 4-way directional cartridges are spring-centered, 6-port directional valves that can be configured from a choice of spool options. The supply port is port 3 and all ports will accept 5000 psi (350 bar). Capacity for these pilot-to-shift valves is dependent on the spool type specified.

#### **TECHNICAL DATA**

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

| Cavity                                         | T-52A             |
|------------------------------------------------|-------------------|
| Series                                         | 2                 |
| Capacity                                       | 80 L/min.         |
| Minimum Pilot Pressure Required to Shift Valve | 10,5 bar          |
| Max. Op. Press.                                | 350 bar           |
| Maximum Valve Leakage at 110 SUS (24 cSt)      | 30 cc/min.@70 bar |
| Pilot Volume Displacement                      | 0,82 cc           |
| Valve Hex Size                                 | 28,6 mm           |
| Valve Installation Torque                      | 61 - 68 Nm        |
| Seal kit - Cartridge                           | Buna: 990052007   |
| Seal kit - Cartridge                           | Viton: 990052006  |
| Model Weight                                   | 0.48 kg.          |

### **CONFIGURATION OPTIONS**

### Model Code Example: DDDCXBN/AP

| CONTROL          | (X) SPOOL CONFIGURATION           | (B) SEAL MATERIAL | (N) MATERIAL/COATING            | (/AP) |
|------------------|-----------------------------------|-------------------|---------------------------------|-------|
| X Not Adjustable | B b to T Center                   | N Buna-N          | /AP Stainless Steel, Passivated |       |
|                  | C Blocked Center                  | V Viton           | Standard Material/Coating       |       |
|                  | D Blocked Center, Regen, P to B a | and A to          |                                 |       |
|                  | Т                                 |                   |                                 |       |
|                  | H Open Center                     |                   |                                 |       |
|                  |                                   |                   |                                 |       |

- R Regen Center
  - T Tandem Center
  - ${\bf W}\,$  A and B Bleed to T Center, Restrictive
  - Y A and B to T Center

### **TECHNICAL FEATURES**

- All ports will accept 5000 psi (350 bar), including the x and y pilot ports (port 1 and port 6).
- Leakage listed in technical data is for each path, including pilot paths.
- · Hardened spool and sleeve provide consistent and low spool leakage rates and excellent wear characteristics.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge
  machining variations.

## PERFORMANCE CURVES

