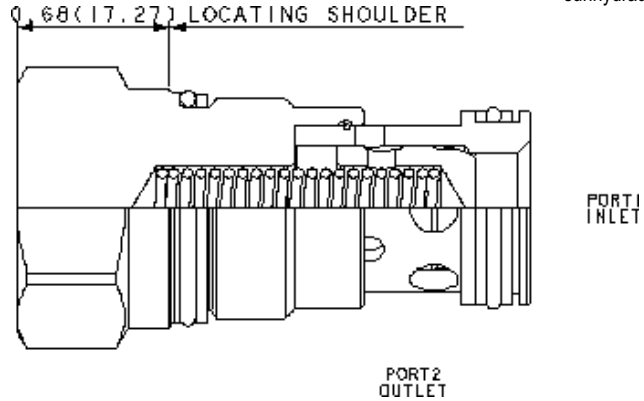


**CONFIGURATION**

|               |                   |                           |
|---------------|-------------------|---------------------------|
| <b>X</b>      | Control           | Not Adjustable            |
| <b>C</b>      | Cracking Pressure | 30 psi (2 bar)            |
| <b>N</b>      | Seal Material     | Buna-N                    |
| <b>(none)</b> | Material/Coating  | Standard Material/Coating |



Free-flow, nose-to-side check valves are on/off circuit components that allow free flow from the inlet (port 1) to the outlet (port 2) and block flow in the opposite direction.

**TECHNICAL DATA**

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

|   |                  |
|---|------------------|
| Cavity                                    | T-5A             |
| Series                                    | 2                |
| Capacity                                  | 160 L/min.       |
| Maximum Operating Pressure                | 350 bar          |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 0,07 cc/min.     |
| Valve Hex Size                            | 28,6 mm          |
| Valve Installation Torque                 | 61 - 68 Nm       |
| Seal kit - Cartridge                      | Buna: 990203007  |
| Seal kit - Cartridge                      | EPDM: 990203014  |
| Seal kit - Cartridge                      | Viton: 990203006 |
| Model Weight                              | 0.19 kg.         |

**CONFIGURATION OPTIONS**

Model Code Example: **CXFA**XCN

| CONTROL                 | (X) CRACKING PRESSURE   | (C) SEAL MATERIAL                    | (N) MATERIAL/COATING  |
|-------------------------|---|--------------------------------------|---|
| <b>X</b> Not Adjustable | <b>C</b> 30 psi (2 bar)<br>A 4 psi (0,3 bar)<br>B 15 psi (1 bar)<br>D 50 psi (3,5 bar)<br>E 75 psi (5 bar)<br>F 100 psi (7 bar) | <b>N</b> Buna-N<br>E EPDM<br>V Viton | Standard Material/Coating<br>/AP Stainless Steel, Passivated<br>/LH Mild Steel, Zinc-Nickel |

**TECHNICAL FEATURES**

- Two-port check valves share the same cavity for a given frame size, however, pay close attention as flow paths may be in opposite directions.
- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute (0,07 cc/min).
- Will accept 5000 psi (350 bar) at ports 1 and 2.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP or /LH (see CONFIGURATION section). For further details, please see the Materials of Construction page.
- 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**

