

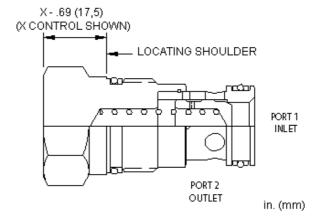


Free flow nose to side check valve

SERIES 2 / CAPACITY: 160 L/min. / CAVITY: T-5A



snhy.com/CXF



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: CXFAXCN

| CONTROL          | (X) CRACKING PRESSURE    | (C) SEAL MATERIAL | (N) | MATERIAL/COATING                |
|------------------|--------------------------|-------------------|-----|---------------------------------|
| X Not Adjustable | <b>C</b> 30 psi (2 bar)  | N Buna-N          |     | Standard Material/Coating       |
|                  | <b>A</b> 4 psi (0,3 bar) | <b>E</b> EPDM     |     | /AP Stainless Steel, Passivated |

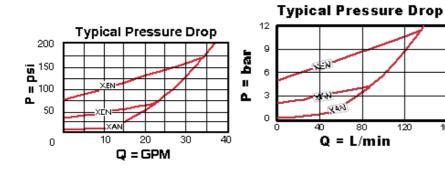
| <u> </u> | Α | 4 psi (0,3 bar)  |
|----------|---|------------------|
|          | В | 15 psi (1 bar)   |
|          | D | 50 psi (3,5 bar) |
|          | Ε | 75 psi (5 bar)   |
|          | F | 100 psi (7 bar)  |

| Buna-N | Standard Material/Coating          |
|--------|------------------------------------|
| EPDM   | IAP Stainless Steel, Passivated    |
| Viton  | <b>/LH</b> 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



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