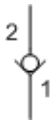
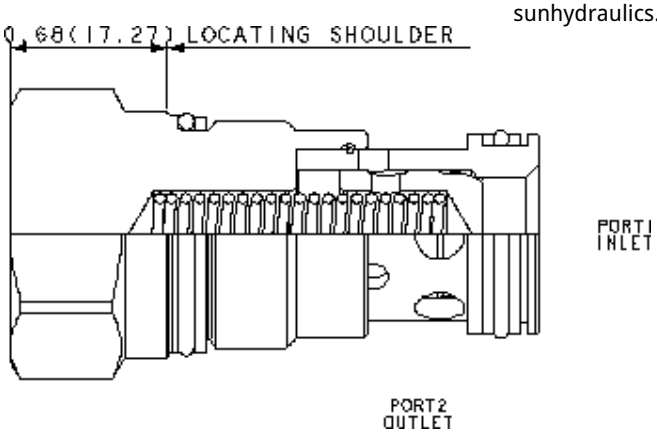
MODEL
CXFA

Free flow nose to side check valve
SERIES 2 / CAPACITY: 160 L/min. / CAVITY: T-5A

sunhydraulics.com/model/CXFA




## CONFIGURATION

| | | |
|---|---|---|
| **X** | Control | Not Adjustable |
| **C** | Cracking Pressure | 30 psi (2 bar) |
| **N** | Seal Material | Buna-N |
| **(none)** | 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: CXFAXCN**

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

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## 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

