



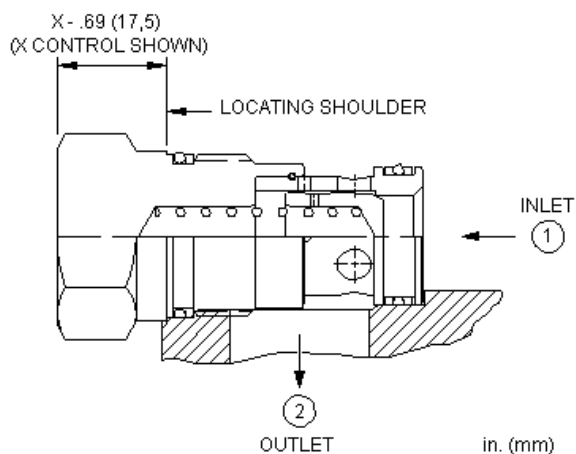
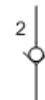
## Free flow nose to side check valve

Capacity:  
40 gpm (160 L/min.)

Model:  
CXFA

### Product Description

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.

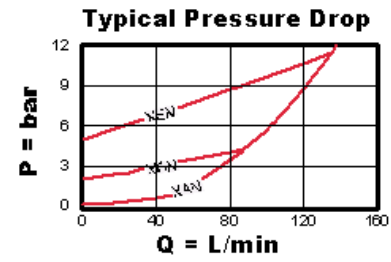
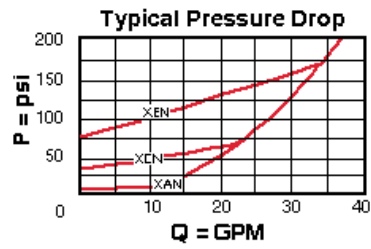


### Technical Features

- 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.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP (see Option Selection below). External parts are made from stainless steel with titanium or brass components, where applicable. Internal parts are made from carbon steel leaded alloy, the same as standard valves. 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.

### Technical Data

|                                           | U.S. Units         | Metric Units |
|-------------------------------------------|--------------------|--------------|
| Cavity                                    | T-5A               |              |
| Capacity                                  | 40 gpm             | 160 L/min.   |
| Maximum Operating Pressure                | 5000 psi           | 350 bar      |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 1 drops/min.       | 0,07 cc/min. |
| Series (from Cavity)                      | Series 2           |              |
| Valve Hex Size                            | 1 1/8 in.          | 28,6 mm      |
| Valve Installation Torque                 | 45 - 50 lbf ft     | 60 - 70 Nm   |
| Seal Kits - Cartridge                     | Buna: 990-203-007  |              |
| Seal Kits - Cartridge                     | Viton: 990-203-006 |              |
| Model Weight                              | 0.41 lb.           | 0.19 kg.     |



## CXFA-XCN

### Control

Preferred Options

X Not Adjustable

### Cracking Pressure

Preferred Options

A 4 psi (0,3 bar)

C 30 psi (2 bar)

Standard Options

B 15 psi (1 bar)

D 50 psi (3,5 bar)

E 75 psi (5 bar)

F 100 psi (7 bar)

### Seal Material

Preferred Options

N Buna-N

Standard Options

V Viton

### Material/Coating Modifier

Preferred Options

No modifier (standard material  
with no special coating)

Special Options

/ AP Stainless Steel, Passivated

Control:X

*Our stainless product line is  
growing! If you are interested in  
a stainless option for this model  
which is not shown please  
contact Sun.*

### Additional Options

#### Control

#### Cracking Pressure

#### Seal Material

Z 1 psi (0,07 bar)

When the modifier is /AP, the control must be X