



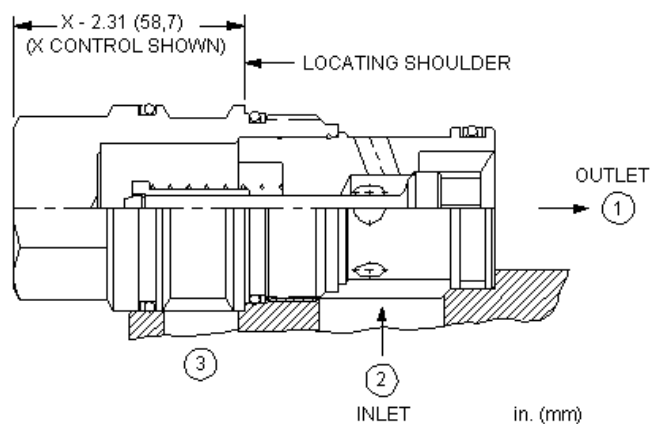
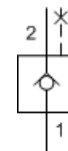
## Free flow side to nose check valve with port 3 blocked

Capacity:  
120 gpm (480 L/min.)

Model:  
CXIE

### Product Description

Free-flow, side-to-nose cheater check valves function as a standard 2-port check valve in a 3-port cavity with port 3 of the cartridge blocked off. These valves are useful in circuits where a check valve is required in an existing three port cavity.

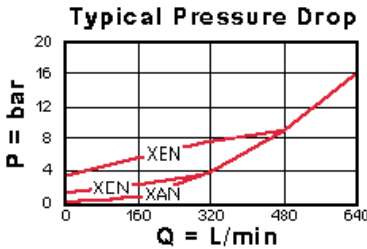
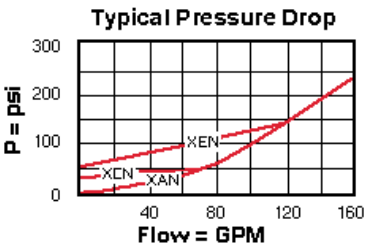


### Technical Features

- 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-19A              |              |
| Capacity                                  | 120 gpm            | 480 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 4           |              |
| Valve Hex Size                            | 1 5/8 in.          | 41,3 mm      |
| Valve Installation Torque                 | 350 - 375 lbf ft   | 475 - 500 Nm |
| Seal Kits - Cartridge                     | Buna: 990-019-007  |              |
| Seal Kits - Cartridge                     | Viton: 990-019-006 |              |
| Model Weight                              | 2.38 lb.           | 1.08 kg.     |



CXIE-XCN

| Control          | Cracking Pressure                                                                                                        | Seal Material       | Material/Coating Modifier                                                                                                                                                                                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard Options | Standard Options                                                                                                         | Standard Options    | Preferred Options                                                                                                                                                                                                                                                                          |
| X Not Adjustable | A 4 psi (0,3 bar)<br>B 15 psi (1 bar)<br>C 30 psi (2 bar)<br>D 50 psi (3,5 bar)<br>E 75 psi (5 bar)<br>F 100 psi (7 bar) | N Buna-N<br>V Viton | No modifier (standard material with no special coating)<br>Special Options<br><br>/ AP Stainless Steel, Passivated<br><br>Control:X<br><br><i>Our stainless product line is growing! If you are interested in a stainless option for this model which is not shown please contact Sun.</i> |

Additional Options

| Control | Cracking Pressure  | Seal Material |
|---------|--------------------|---------------|
|         | Z 1 psi (0,07 bar) |               |

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