



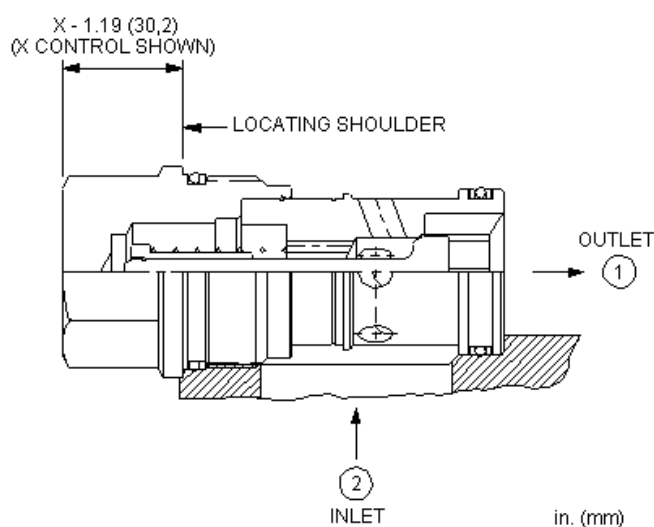
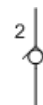
Free flow side to nose check valve

Capacity:
120 gpm (480 L/min.)

Model:
CX1D

Product Description

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

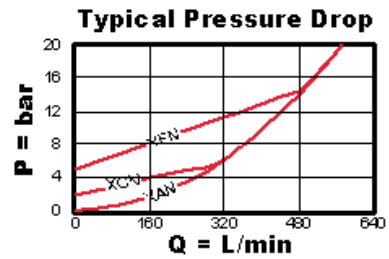
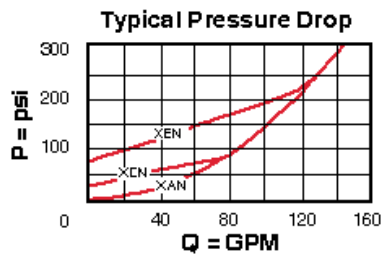


Technical Features

- 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.
- These check valves are considered circuit savers for existing circuits where manifold drillings are incorrect. The capacity of side-to-nose (port 2 to port 1) 2-port check valves is approximately 30% less than preferred models with a nose-to-side (port 1 to port 2) flow path.
- 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.
- 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-18A	
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: 990-018-007	
Seal Kits - Cartridge	Viton: 990-018-006	
Model Weight	2.04 lb.	0.93 kg.



CXID-XCN

Control

Preferred Options

X Not Adjustable

Cracking Pressure

Preferred Options

C 30 psi (2 bar)
Standard Options

A 4 psi (0,3 bar)
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

Additional Options

Control

L Manual Override

Cracking Pressure

Z 1 psi (0,07 bar)

Seal Material