



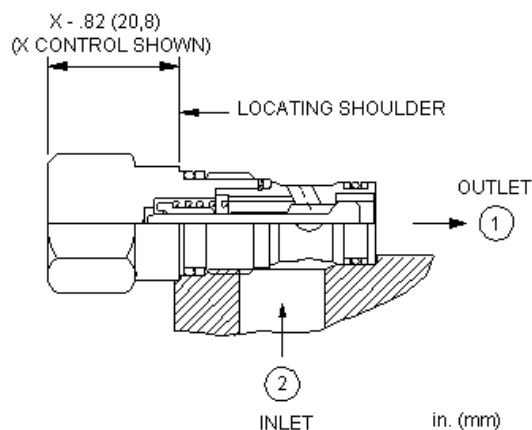
Free flow side to nose check valve

Capacity:
7.5 gpm (30 L/min.)

Model:
CXAD

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.

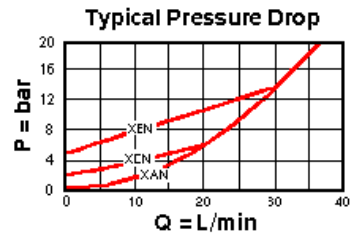
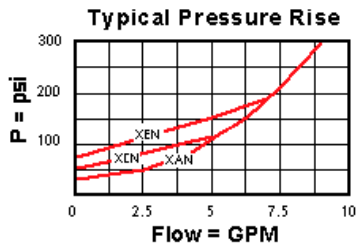


Technical Features

- 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.
- Only available with 4, 30 and 75 psi (0,3, 2 and 5 bar) cracking pressures.
- 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-162A	
Capacity	7.5 gpm	30 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 0	
Valve Hex Size	3/4 in.	19,1 mm
Valve Installation Torque	20 - 25 lbf ft	27 - 33 Nm
Seal Kits - Cartridge	Buna: 990-162-007	
Seal Kits - Cartridge	Viton: 990-162-006	
Model Weight	0.17 lb.	0.08 kg.



CXAD-XCN

Control

Preferred Options

X Not Adjustable

Cracking Pressure

Preferred Options

C 30 psi (2 bar)
Standard Options

A 4 psi (0,3 bar)
D 50 psi (3,5 bar)
E 75 psi (5 bar)
Z 1 psi (0,07 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

C* Tamper Resistant - Factory Set
L Manual Override

Cracking Pressure

Seal Material

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

* Special Setting required, specify at time of order