

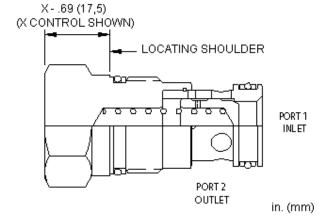
Free flow nose to side check valve

SERIES 2 / CAPACITY: 40 gpm / CAVITY: T-5A





snhy.com/CXFA



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**

Cavity	T-5A
Series	2
Capacity	40 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Valve Hex Size	1 1/8 in.
Valve Installation Torque	45 - 50 lbf ft
Model Weight	.40 lb
Seal kit - Cartridge	Buna: 990-203-007
Seal kit - Cartridge	EPDM: 990-203-014
Seal kit - Cartridge	Viton: 990-203-006

## **CONFIGURATION OPTIONS**

## **Model Code Example: CXFAXCN**

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

### **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.

**F** 100 psi (7 bar)

• 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**

