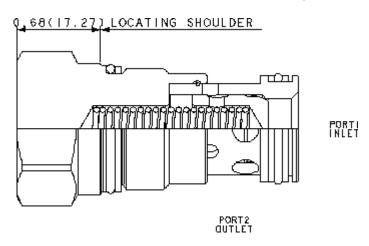


2



sunhydraulics.com/model/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 NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

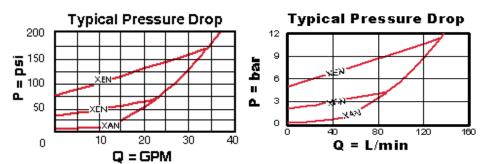
Cavity	T-5A	
Series	2	
Capacity	40 gpm	
Maximum Operating Pressure	5000 psi	
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.	
Valve Hex Size	1 1/8 in.	
Valve Installation Torque	45 - 50 lbf ft	
Model Weight	0.41 lb.	
Seal kit - Cartridge	Buna: 990-203-007	
Seal kit - Cartridge	EPDM: 990-203-014	
eal kit - Cartridge Viton: 990-203-006		

## **OPTION SELECTION 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
		A 4 psi (0,3 bar)		E EPDM		/AP	Stainless Steel, Passivated
		<b>B</b> 15 psi (1 bar)		V Viton		/LH	Mild Steel, Zinc-Nickel
		<b>D</b> 50 psi (3,5 bar)					
		<b>F</b> 100 psi (7 bar)					
		Z 1 psi (0,07 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.
- 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