



Free flow nose to side check valve

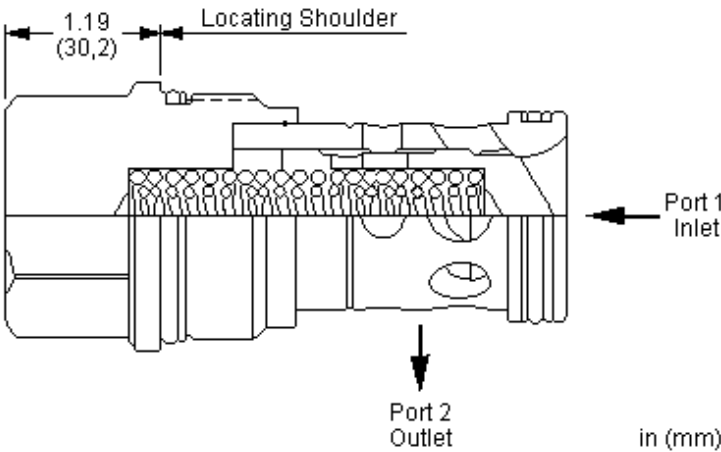
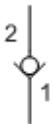
Capacity:
240 gpm (900 L/min.)

Functional Group:
Products : Cartridges : Check : 2-Port : Free Flow Nose to Side

Model:
CXKA

Product Description

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 Features

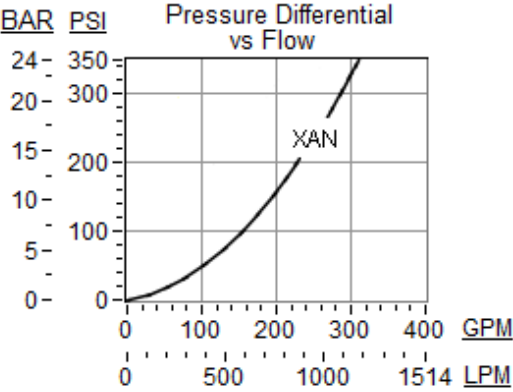
- These valves will work in Sun's standard T-18A cavity at lower capacity. To realize the full stated capacity, the T-18AU cavity should be used.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP (see Option Selection 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.
- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute (0,07 cc/min).
- 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.
- Will accept 5000 psi (350 bar) at ports 1 and 2.

Technical Data

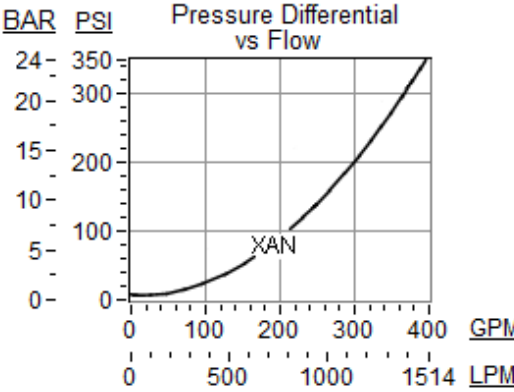
	U.S. Units	Metric Units
Cavity	T-18AU	
Capacity	240 gpm	900 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.	0,07 cc/min.
Series (from Cavity)	Series 4	
Valve Hex Size	1 5/8 in.	41,3 mm
Valve Installation Torque	350 - 375 lbf ft	475 - 500 Nm

Seal Kits - Cartridge	Buna: 990-018-007	
Seal Kits - Cartridge	Viton: 990-018-006	
Model Weight	2.02 lb.	0.92 kg.

Model CXKA installed in T-18A Cavity



Model CXKA installed in T-18AU Cavity



CXKA-XAN

Control	Cracking Pressure	Seal Material
Standard Options	Preferred Options	Standard Options
X Not Adjustable	A 4 psi (0,3 bar)	N Buna-N
		V Viton
Additional Options		
Control	Cracking Pressure	Seal Material
	Z 1 psi (0,07 bar)	