



Free flow nose to side check valve

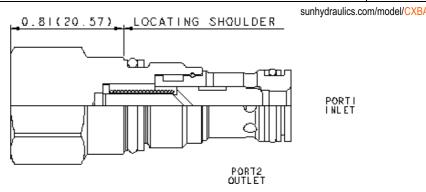
CAPACITY: 40 L/min. / CAVITY: T-162A





#### **CONFIGURATION**

X	Control	Not Adjustable			
Α	Cracking Pressure	4 psi (0,3 bar)			
N	Seal Material	Buna-N			
(none) Material/Coating					



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-162A
Series	0
Capacity	40 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Valve Hex Size	19,1 mm
Valve Installation Torque	27 - 33 Nm
Seal kit - Cartridge	Buna: 990162007
Seal kit - Cartridge	EPDM: 990162014
Seal kit - Cartridge	Polyurethane: 990162002
Seal kit - Cartridge	Viton: 990162006
Model Weight	0.08 kg.

# **CONFIGURATION OPTIONS**

### Model Code Example: CXBAXAN

CONTROL	(X) CRACKING PRESSURE	(A) SEAL MATERIAL	(N) MATERIAL/COATING	
X Not Adjustable	<b>A</b> 4 psi (0,3 bar)	N Buna-N	Standard Material/Coatin	9
	<b>C</b> 30 psi (2 bar)	E EPDM	/AP Stainless Steel, Passivate	ed

C 30 psi (2 bar) **B** 15 psi (1 bar)

**D** 50 psi (3,5 bar)

**E** 75 psi (5 bar) F 100 psi (7 bar) **V** Viton

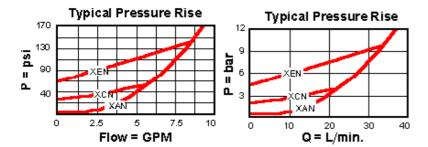
/AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel

## **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.
- 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

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