

MODEL

Free flow side to nose check valve

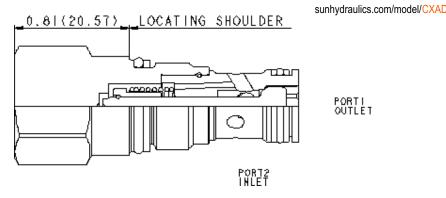
CAPACITY: 7.5 gpm / CAVITY: T-162A





CONFIGURATION

X	Control	Not Adjustable	
Е	Nominal Control Pressure	75 psi (5 bar)	
N	Seal Material	Buna-N	
(none) Material/Coating		Standard Material/Coating	



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 DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-162A	
Series	0	
Capacity	7.5 gpm	
Maximum Operating Pressure	5000 psi	
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.	
Valve Hex Size	3/4 in.	
Valve Installation Torque	20 - 25 lbf ft	
Seal kit - Cartridge	Buna: 990162007	
Seal kit - Cartridge	EPDM: 990162014	
Seal kit - Cartridge	Polyurethane: 990162002	
Seal kit - Cartridge	Viton: 990162006	
Model Weight	0.17 lb.	

CONFIGURATION OPTIONS

Model Code Example: CXADXEN

CONTROL (X) NOMINAL CONTROL PRESSURE (E) SEAL MATERIAL (N) MATERIAL/COATING

X Not Adjustable	E 75 psi (5 bar)	N Buna-N	Standard Material/Coating
	C 30 psi (2 bar)	E EPDM	/AP Stainless Steel, Passivated
	A 4 psi (0,3 bar)	V Viton	/LH Mild Steel, Zinc-Nickel
	D 50 psi (3,5 bar)		

TECHNICAL FEATURES

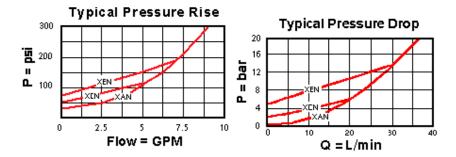
- Two-port check valves share the same cavity for a given frame size, however, pay close attention as flow paths may be in opposite directions.
- These check valves are considered circuit savers for existing circuits where manifold drillings are incorrect. The capacity of side-to-nose (port 2 to port 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.

Z 1 psi (0,07 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

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