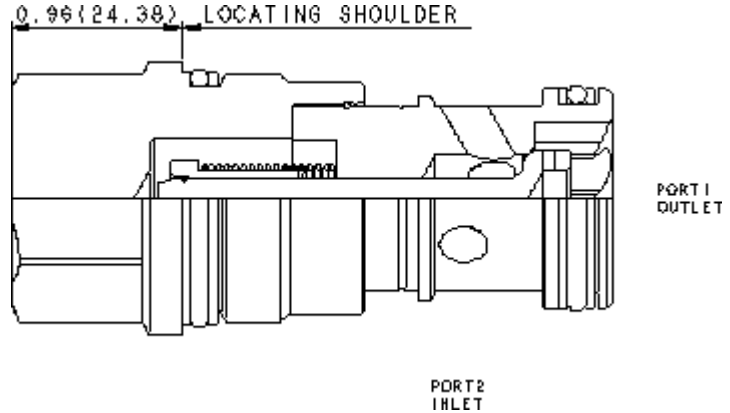


CONFIGURATION

X Control	Not Adjustable
A Cracking Pressure	4 psi (0,3 bar)
N Seal Material	Buna-N
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-16A
Series	3
Capacity	60 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Valve Hex Size	1 1/4 in.
Valve Installation Torque	150 - 160 lbf ft
Model Weight	1.01 lb.
Seal kit - Cartridge	Buna: 990-016-007
Seal kit - Cartridge	EPDM: 990-016-014
Seal kit - Cartridge	Polyurethane: 990-016-002
Seal kit - Cartridge	Viton: 990-016-006

OPTION SELECTION EXAMPLE: CXGD~~XAN~~

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

