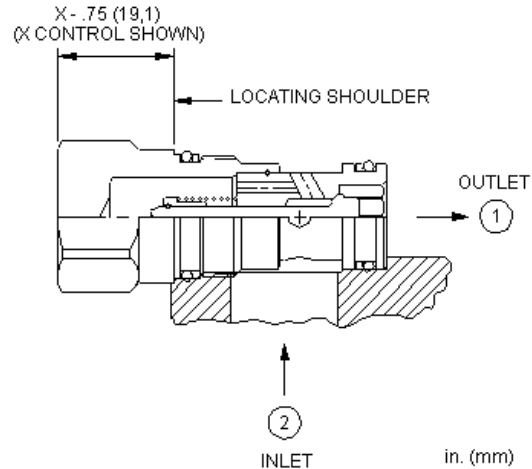


MODEL
CXCD

Free flow side to nose check valve
CAPACITY: 60 L/min. | CAVITY: T-13A



CONFIGURATION

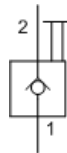
X	Control	Not Adjustable
C	Cracking Pressure	30 psi (2 bar)
N	Seal Material	Buna-N
(none)	Material/Coating	Standard Material/Coating

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

Cavity	T-13A
Series	1
Capacity	60 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Valve Hex Size	22,2 mm
Valve Installation Torque	41 - 47 Nm
Seal kit - Cartridge	Buna: 990-010-007
Seal kit - Cartridge	Polyurethane: 990-010-002
Seal kit - Cartridge	Viton: 990-010-006
Model Weight	0.10 kg.

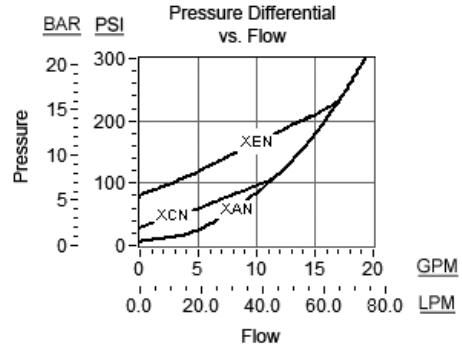
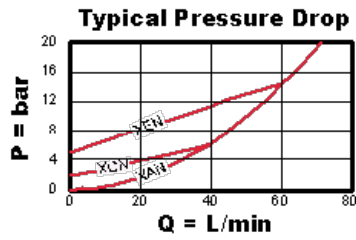
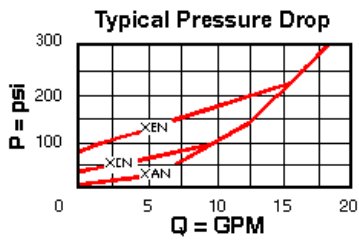
SYMBOLS



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.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or

PERFORMANCE CURVES



CONFIGURATION OPTIONS

CONTROL

Preferred Options	X	Not Adjustable
Standard Options	L	Manual Override

CRACKING PRESSURE

Preferred Options	C	30 psi (2 bar)
	A	4 psi (0,3 bar)
	B	15 psi (1 bar)
Standard Options	D	50 psi (3,5 bar)
	E	75 psi (5 bar)
	F	100 psi (7 bar)

SEAL MATERIAL

Preferred Options	N	Buna-N
Standard Options	V	Viton

MATERIAL/COATING

		Standard Material/Coating
Standard Options	/AP	Stainless Steel, Passivated
	/LH	Mild Steel, Zinc-Nickel

Copyright © 2002-2014 Sun Hydraulics Corporation. All rights reserved.