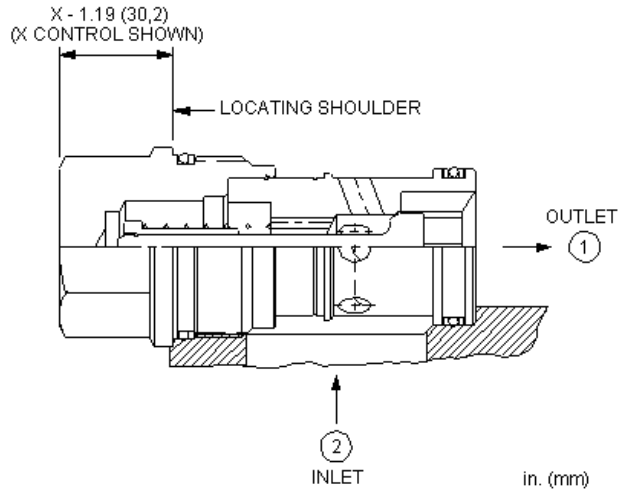


MODEL  
CXID

Free flow side to nose check valve  
CAPACITY: 480 L/min. | CAVITY: T-18A



**CONFIGURATION**

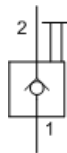
<b>X</b>	Control	Not Adjustable
<b>C</b>	Cracking Pressure	30 psi (2 bar)
<b>N</b>	Seal Material	Buna-N
<b>(none)</b>	Material/Coating	Standard Material/Coating

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-18A
Series	4
Capacity	480 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Valve Hex Size	41,3 mm
Valve Installation Torque	475 - 508 Nm
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	Polyurethane: 990-018-002
Seal kit - Cartridge	Viton: 990-018-006
Model Weight	0.93 kg.

**SYMBOLS**

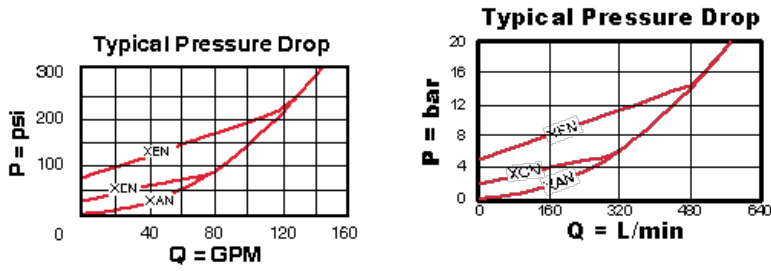


**TECHNICAL FEATURES**

- 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 cavity/cartridge machining variations.

## PERFORMANCE CURVES



## CONFIGURATION OPTIONS

### CONTROL

Preferred Options	X	Not Adjustable
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### 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 Options		Standard Material/Coating
	/AP	Stainless Steel, Passivated

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