Free flow nose to side check valve

Capacity:
20 gpm (80 L/min.)

Functional Group:
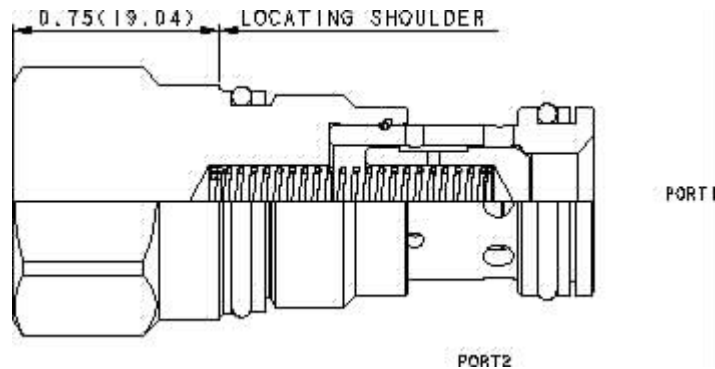Products : Cartridges : Check : 2 Port : Free Flow Nose to Side

Model:
CXDA-XAN

Product Description

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.
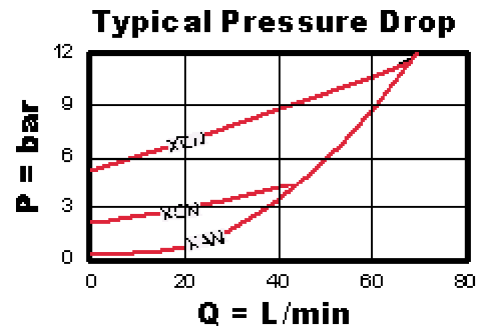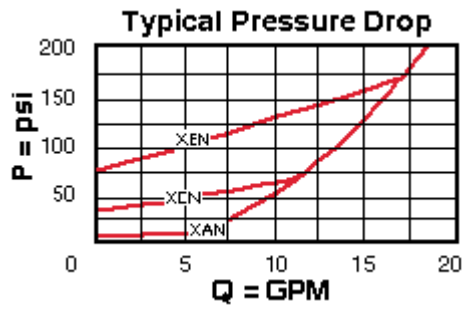

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Technical Features

- 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.

- 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.

- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute.

- Stainless steel cartridge options P or W are intended for use within corrosive environments with all external components manufactured in stainless steel or titanium. Internal working components remain the same as the standard valves.

Technical Data

	U.S. Units	Metric Units
Model Weight	0.24 lb.	0.11 kg.
Cavity	T-13A	
Capacity	20 gpm	80 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.	0,07 cc/min.
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	45 - 50 Nm
Seal Kits	Buna: 990-010-007	
Seal Kits	Viton: 990-010-006	

Typical Pressure Drop

Typical Pressure Drop

CXDA-XAN

Control	Cracking Pressure	External Material/Seal Material
X Not Adjustable +0.00	A 4 psi (0,3 bar) +0.00	N Buna-N +0.00

If the material/seal is P, the control must be X
If the material/seal is W, the control must be X