

Free flow nose to side check valve

Capacity:
80 gpm (320 L/min.)

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

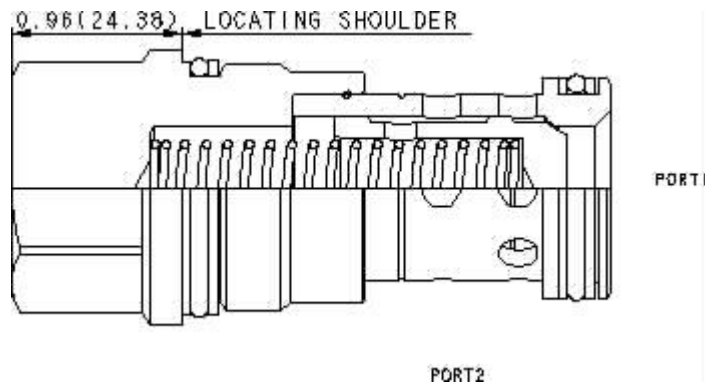
Model:
CXHA-XAV

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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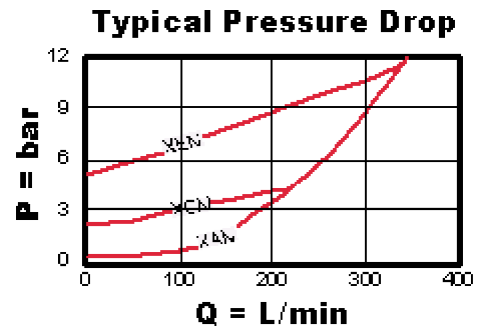
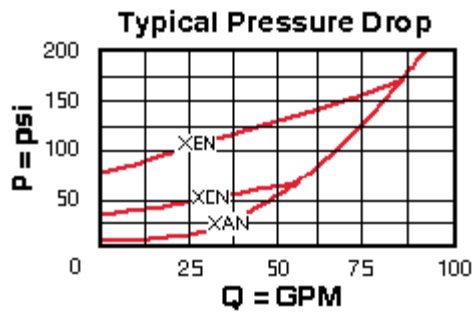


Technical Features

- 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.
- 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.
- 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.

Technical Data

	U.S. Units	Metric Units
Model Weight	0.94 lb.	0.43 kg.
Cavity	T-16A	
Capacity	80 gpm	320 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 3	
Valve Hex Size	1 1/4 in.	31,8 mm
Valve Installation Torque	150 - 160 lbf ft	200 - 215 Nm
Seal Kits	Buna: 990-016-007	
Seal Kits	Viton: 990-016-006	



CXHA-XAV

Control

Cracking Pressure

External Material/Seal
Material

X Not Adjustable +0.00

A 4 psi (0,3 bar) +0.00

V Viton +3.50

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