



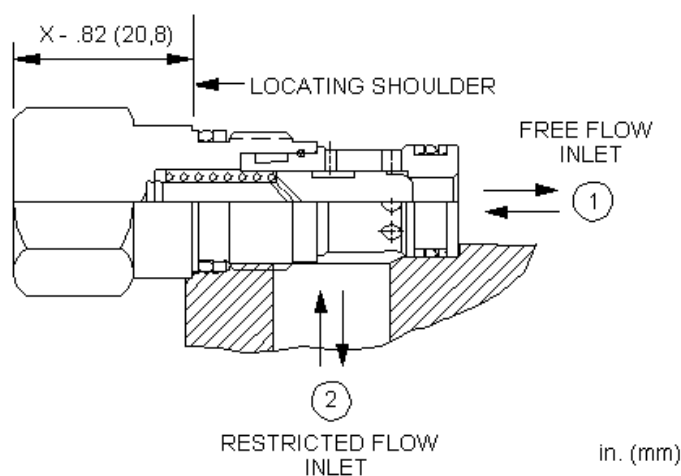
Free flow nose to side check valve with bypass orifice

Capacity:
7.5 gpm (30 L/min.)

Model:
CNBC

Product Description

Free-flow, nose-to-side check valves with a bypass orifice allow free flow from port 1 to port 2. A customer specified orifice is included to restrict flow from port 2 to port 1. See technical data below for orifice range.

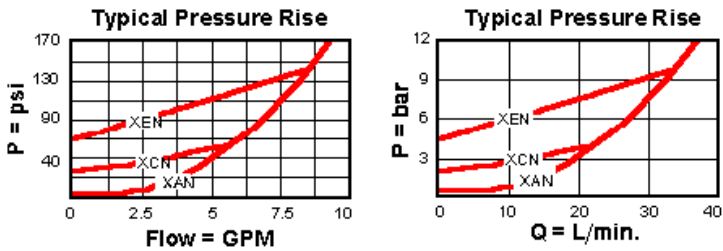


Technical Features

- 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.
- The customer specified orifice diameter is stamped on one of the cartridge's hex faces.
- 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.
- Valves with the opposite flow path (free flow from 2 to 1) are considered flow controls and may be found listed as fixed orifice, non-pressure compensated flow control valve with reverse flow check.

Technical Data

	U.S. Units	Metric Units
Cavity	T-162A	
Capacity	7.5 gpm	30 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Orifice Range	.016 - .062 in.	0,4 - 1,6 mm
Series (from Cavity)	Series 0	
Valve Hex Size	3/4 in.	19,1 mm
Valve Installation Torque	20 - 25 lbf ft	27 - 33 Nm
Seal Kits - Cartridge	Buna: 990-162-007	
Seal Kits - Cartridge	Viton: 990-162-006	
Model Weight	0.17 lb.	0.08 kg.



Note: Performance data shown reflects a blocked orifice.

CNBC-XCN

Control	Setting Range	Seal Material
Standard Options	Standard Options	Standard Options
X Not Adjustable	A* 4 psi (0,3 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm) B* 15 psi (1 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm) C* 30 psi (2 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm) D* 50 psi (3,5 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm) E* 75 psi (5 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm) F* 100 psi (7 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm)	N Buna-N V Viton
Additional Options		
Control	Setting Range	Seal Material
	Z* 1 psi (0,07 bar) Cracking Pressure, .016 - .062 in. (0,4 - 1,6 mm)	

* Special Setting required, specify at time of order