



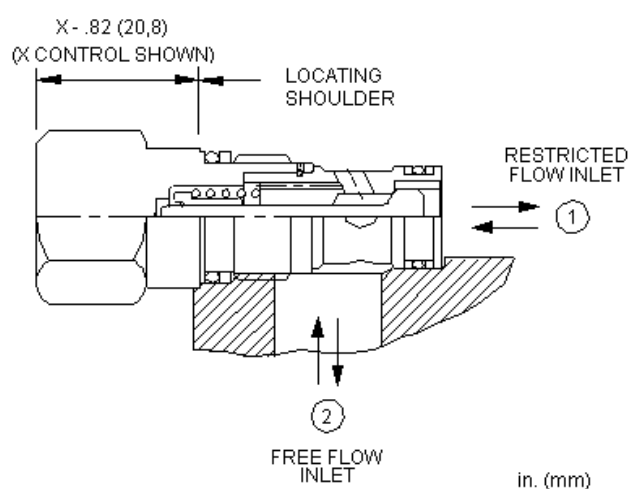
Fixed orifice, non-pressure compensated, flow control valve with reverse flow check

Capacity:
7.5 gpm (30
L/min.)

Model:
CNAC

Product Description

This valve is a fixed orifice, non-pressure compensated flow control with a reverse flow check. The flow setting is specified by the user and is set at the factory.

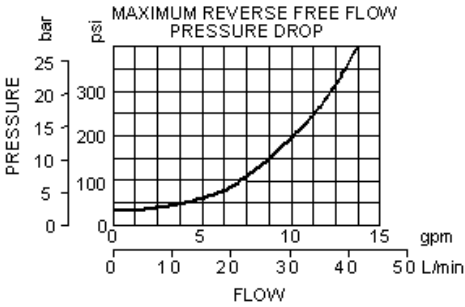


Technical Features

- Customer must specify the orifice diameter.
- All 2-port flow control cartridges are physically and functionally interchangeable (i.e. same flow path, same cavity for a given frame size). However, cartridge extension dimensions from the mounting surface may vary.
- These are essentially check valves with bypass orifices. The flow path matches Sun's flow controls and can be used in any flow control manifolds. Valves with the opposite direction of flow can be found under check valves with bypass orifices.
- Because these valves are non-compensating devices, the fixed orifice size will regulate flow through the valve in proportion to the square root of the pressure differential across 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.

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.



CNAC-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)	N Buna-N V Viton
	C* 30 psi (2 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)	

* Special Setting required, specify at time of order