

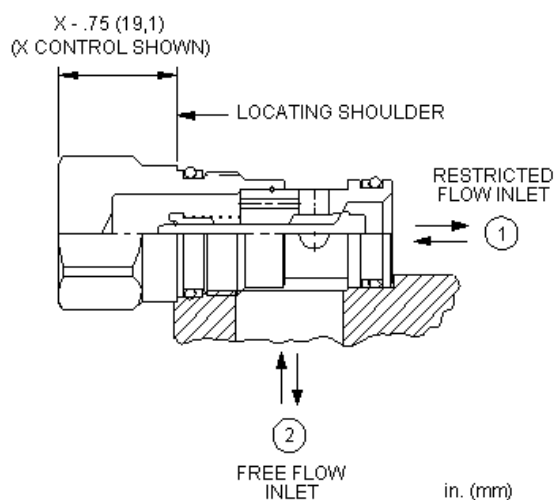


Fixed orifice, non-pressure compensated, flow control valve with reverse flow check

Capacity:
15 gpm (60
L/min.)
Model:
CNCC

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.

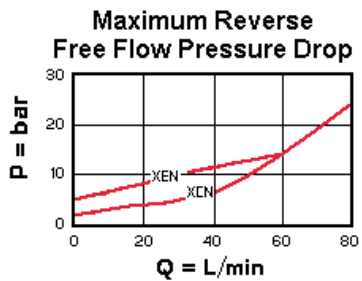
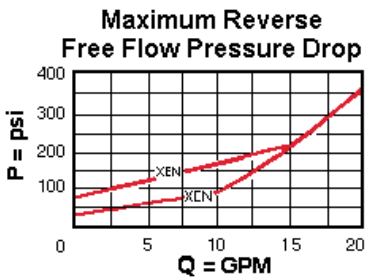


Technical Features

- Customer must specify the orifice diameter.
- 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.
- 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.
- The customer specified orifice diameter is stamped on one of the cartridge's hex faces.
- 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.
- 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-13A	
Capacity	15 gpm	60 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Orifice Range	.016 - .153 in.	0,4 - 3,9 mm
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	40 - 50 Nm
Seal Kits - Cartridge	Buna: 990-010-007	
Seal Kits - Cartridge	Viton: 990-010-006	
Model Weight	0.22 lb.	0.10 kg.



CNCC-XCN

Control	Setting Range	Seal Material	Material/Coating Modifier
Standard Options	Standard Options	Standard Options	Preferred Options
X* Not Adjustable	A* 1 psi (0,07 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm) B* 15 psi (1 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm) C* 30 psi (2 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm) D* 50 psi (3,5 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm) E* 75 psi (5 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm) F* 100 psi (7 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)	N Buna-N V Viton	No modifier (standard material with no special coating) Special Options / AP Stainless Steel, Passivated Control:X <i>Our stainless product line is growing! If you are interested in a stainless option for this model which is not shown please contact Sun.</i>

Additional Options

Control	Setting Range	Seal Material
	Z* 1 psi (0,07 bar) Cracking Pressure, .016 - .153 in. (0,4 - 3,9 mm)	

When the modifier is /AP, the control must be X

* Special Setting required, specify at time of order