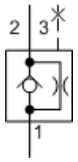
Free flow side to nose check valve with bypass orifice and port 3 blocked

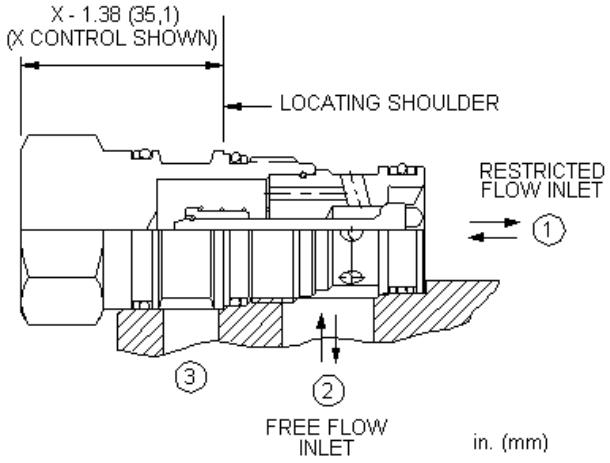
Capacity:
30 gpm (120 L/min.)

Model:
CNED

Product Description

Free-flow, side-to-nose cheater check valves with a bypass orifice function as a 2-port check valve in a 3-port cavity. They allow free flow from port 2 to port 1 with a customer specified orifice that controls flow from port 1 to port 2. Port 3 of the cartridge is blocked off.



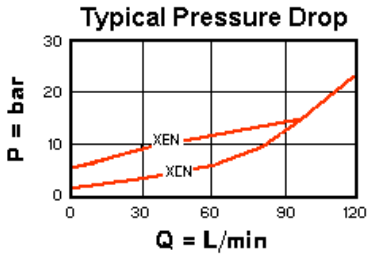


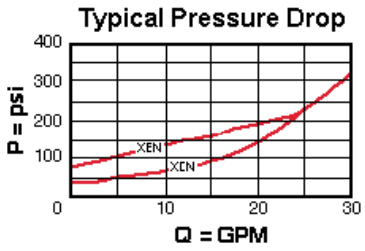
Technical Features

- When used in a full time regeneration circuit these valves allow full force to be developed by the cylinder when it comes to a stop. The bypass orifice drops the rod end pressure to zero when flow out of the rod stops.
- 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-2A	
Capacity	30 gpm	120 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Orifice Range	.016 - .135 in.	0,4 - 3,4 mm
Series (from Cavity)	Series 2	
Valve Hex Size	1 1/8 in.	28,6 mm
Valve Installation Torque	45 - 50 lbf ft	60 - 70 Nm
Seal Kits - Cartridge	Buna: 990-202-007	
Seal Kits - Cartridge	Viton: 990-202-006	
Model Weight	0.48 lb.	0.22 kg.





CNED-XCN

Control	Setting Range	Seal Material	Material/Coating Modifier
Standard Options	Standard Options	Standard Options	Preferred Options
X Not Adjustable	C* 30 psi (2 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm)	N Buna-N V Viton	No modifier (standard material with no special coating) Special Options /AP Stainless Steel, Passivated Control:X

Our stainless product line is growing! If you are interested in a stainless option for this model which is not shown please contact Sun.

Additional Options

Control	Setting Range	Seal Material
	A* 4 psi (0,3 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm) B* 15 psi (1 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm) D* 50 psi (3,5 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm) E* 75 psi (5 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm) F* 100 psi (7 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm) Z* 1 psi (0,07 bar) Cracking Pressure, .016 - .135 in. (0,4 - 3,4 mm)	

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

* Special Setting required, specify at time of order