

MODEL CODD

20:1 ratio, pilot-to-close check valve

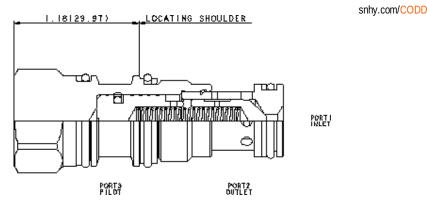
SERIES 1 / CAPACITY: .11 in. / CAVITY: T-11A





CONFIGURATION

Х	Control	Standard Pilot	
D	Cracking Pressure	50 psi (3,5 bar)	
N	Seal Material	Buna-N	
(none) Material/Coating		Standard Material/Coating	



This valve is a spring biased closed, pilot-to-close check cartridge that has a 20:1 pilot ratio. The valve allows flow from port 1 to port 2 and blocks reverse flow. Pressure at the pilot (port 3) opposes pressure at port 1 at a ratio of 20:1.

TECHNICAL DATA

Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Seal kit - Cartridge	Buna: 990-011-007
Seal kit - Cartridge	Polyurethane: 990-011-002
Seal kit - Cartridge	Viton: 990-011-006

CONFIGURATION OPTIONS

Model Code Example: CODDXDN

CONTROL	(^)	CRACKING PRESSURE (D)	SEAL MATERIAL (N)	MATERIAL/COATING
X Standard Pilot		D 50 psi (3,5 bar)	N Buna-N	Standard Material/Coating
		H 200 psi (14 bar)	V Viton	IAP Stainless Steel, Passivated

TECHNICAL FEATURES

- Pressure at the port 2 area directly opposes pilot pressure.
- Reverse flow through the valve from port 2 to port 1 is not possible under any condition.
- The valve is a poppet design that results in very low leakage of stored fluid from the accumulator.
- With equal pressures at all ports the valve is closed.
- Capacity is the equivalent of a .109 in. (2,8 mm) diameter orifice.
- 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.