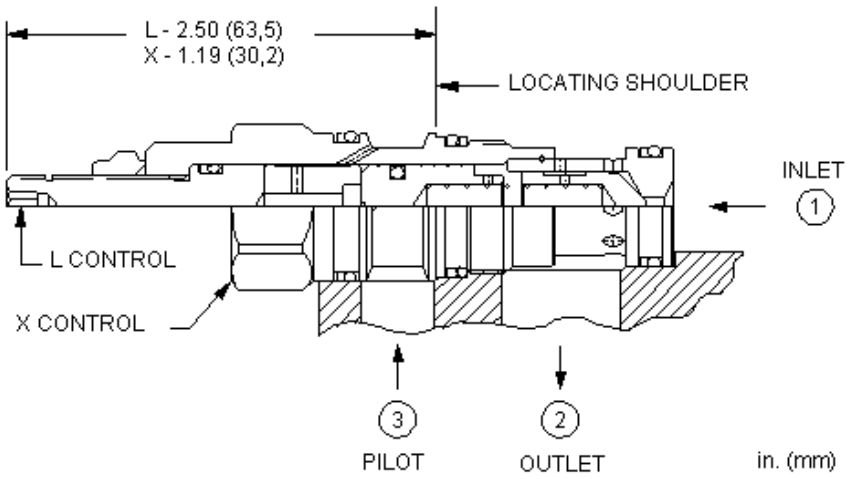

This valve is a spring biased closed, pilot-to-close check cartridge that has a 20:1 pilot ratio. The valve allows flow from port 1 to port 2 and blocks reverse flow. Pressure at the pilot (port 3) opposes pressure at port 1 at a ratio of 20:1.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-11A
Series	1
Capacity	.11 in.
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Valve Hex Size	7/8 in.
Valve Installation Torque	30 - 35 lbf ft
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	EPDM: 990011014
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006
Model Weight	0.29 lb.

CONFIGURATION OPTIONS

Model Code Example: CODDXDN

CONTROL (X)	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)	**E** EPDM	**/AP** Stainless Steel, Passivated
		V Viton	

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.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- 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.

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