

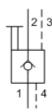
Vented pilot-to-open check valve

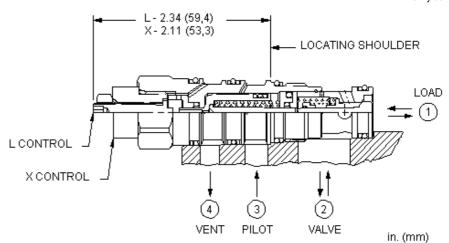
SERIES 1 / CAPACITY: 60 L/min. / CAVITY: T-21A



snhy.com/CVCV







This valve is a pilot to open check valve. It has a sealed pilot, a steel seat, and is vented. It allows free flow from the valve (port 2) to the load (port 1) and blocks flow in the opposite direction. Pressure at the pilot (port 3) will open the valve from port 1 to port 2. Pilot pressure needed to open the valve is directly proportional to the load pressure at port 1. The valve is insensitive to pressure at port 2 because the spring chamber is referenced to the vent (port

TECHNICAL DATA

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

Pilot Ratio	3:1	
Maximum Operating Pressure	350 bar	
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.	
Seal kit - Cartridge	Buna: 990021007	
al kit - Cartridge EPDM: 990021014		
Seal kit - Cartridge	Polyurethane: 990021002	
Seal kit - Cartridge	Viton: 990021006	

CONFIGURATION OPTIONS

Model Code Example: CVCVXCN

CONTROL	(X) CRACKING PRESSURE	(C) SEAL MATERIAL	(N) MATERIAL/COATING
X Standard Pilot	C 30 psi (2 bar)	N Buna-N	Standard Material/Coating
L Manual Load Release	A 4 psi (0,3 bar)	E EPDM	/AP Stainless Steel, Passivated
	D 45 == 1 (4 b == 1)	V \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ULIMIN Object 75 - Nichal

B 15 psi (1 bar) V Viton /LH Mild Steel, Zinc-Nickel **D** 50 psi (3,5 bar) E 75 psi (5 bar) **F** 100 psi (7 bar)

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