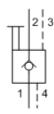


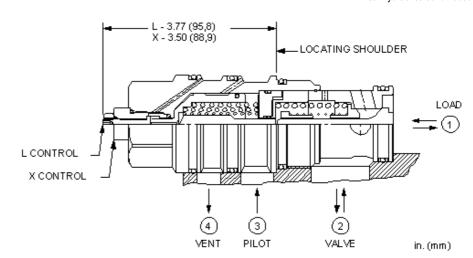
Vented pilot-to-open check valve SERIES 4 / CAPACITY: 480 L/min. / CAVITY: T-24A



sunhydraulics.com/model/CVIV







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.	
Pilot Volume Displacement	4,9 cc	
Pilot Passage into Valve	2,3 mm	
Seal kit - Cartridge	Buna: 990024007	
Seal kit - Cartridge	EPDM: 990024014	
Seal kit - Cartridge	Polyurethane: 990024002	
Seal kit - Cartridge	Viton: 990024006	

CONFIGURATION OPTIONS

Model Code Example: CVIVXCN

CONTROL (N) MATERIAL/COATING (X) CRACKING PRESSURE (C) SEAL MATERIAL

X	Star	ndard	Pilot

L Manual Load Release

Viton

A 4 psi (0,3 bar)

B 15 psi (1 bar)

D 50 psi (3,5 bar)

E 75 psi (5 bar)

F 100 psi (7 bar)

/AP Stainless Steel, Passivated /LH Mild Steel, Zinc-Nickel

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