

MODEL CVIV

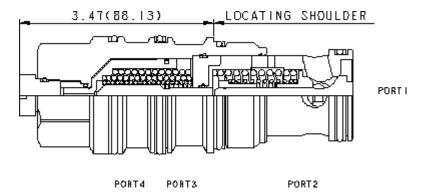
Vented pilot-to-open check valve

CAPACITY: 120 gpm / 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 4).

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

Maximum Operating Pressure	5000 psi
Pilot Ratio	3:1
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Pilot Passage into Valve	.09 in.
Pilot Volume Displacement	.30 in ³
Locknut Hex Size	7/16 in.
Seal kit - Cartridge	Buna: 990-024-007
Seal kit - Cartridge	EPDM: 990-024-014
Seal kit - Cartridge	Polyurethane: 990-024-002
Seal kit - Cartridge	Viton: 990-024-006

CONFIGURATION OPTIONS CONTROL

(X)

Model Code Example: CVIVXCN

CRACKING PRESSURE

(C) **SEAL MATERIAL** MATERIAL/COATING

Standard Pilot Manual Load Release

С	30 psi (2 bar)
Α	4 psi (0,3 bar)
В	15 psi (1 bar)
D	50 psi (3,5 bar)
F	100 psi (7 bar)

N	Buna-N
٧	Viton

	Standard Material/Coating
/AP	Stainless Steel, Passivated
/LH	Mild Steel, Zinc-Nickel

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