

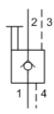
Vented pilot-to-open check valve

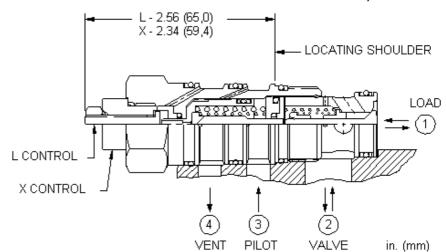
SERIES 2 / CAPACITY: 120 L/min. / CAVITY: T-22A



sunhydraulics.com/model/CVEV







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: 990022007	
Seal kit - Cartridge	Polyurethane: 990022002	
Seal kit - Cartridge	Viton: 990022006	

CONFIGURATION OPTIONS

Model Code Example: CVEVXCN

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

	Χ	Stand	lard	Pil	ot
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L Manual Load Release

N Buna-N

C 30 psi (2 bar) 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)

E EPDM V Viton

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

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