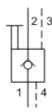
Vented pilot-to-open check valve

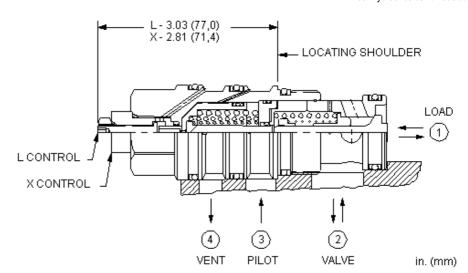
SERIES 3 / CAPACITY: 240 L/min. / CAVITY: T-23A



sunhydraulics.com/model/CVGV







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.

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: 990023007
Seal kit - Cartridge	Polyurethane: 990023002
Seal kit - Cartridge	Viton: 990023006

CONFIGURATION OPTIONS

Model Code Example: CVGVXCN

V Viton

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

X Standard Pilot L Manual Load Release

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)

N Buna-N Standard Material/Coating

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

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