

MODEL CVGV

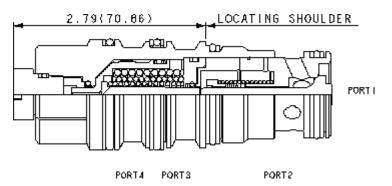
Vented pilot-to-open check valve

CAPACITY: 60 gpm / 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.

| Maximum Operating Pressure                | 5000 psi                  |  |
|-------------------------------------------|---------------------------|--|
| Pilot Ratio                               | 3:1                       |  |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 1 drops/min.              |  |
| Locknut Hex Size                          | 7/16 in.                  |  |
| Seal kit - Cartridge                      | Buna: 990-023-007         |  |
| Seal kit - Cartridge                      | Polyurethane: 990-023-002 |  |
| Seal kit - Cartridge                      | Viton: 990-023-006        |  |

## CONFIGURATION OPTIONS

CONTROL

(X)

Model Code Example: CVGVXCN
CRACKING PRESSURE (C)

SEAL MATERIAL

(N) MATERIAL/COATING

| Χ | Standard Pilot      |
|---|---------------------|
| L | 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 |
|---|--------|
| Ε | EPDM   |
| ٧ | Viton  |
|   |        |

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

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