Guided poppet design and precision ground surfaces for 10,000 PSI service, ¼" to 2" NPT/SAE/BSPP/BSPT/6149

The DMIC CVH Check Valve is a quality leader in the worldwide marketplace. Computer optimized flow passages and super heavy duty construction results in a 10,000 PSI rated product which will provide greatly extended service in 3,000 and 5,000 PSI applications.

- **Precision ground** oversize poppet landing zone for longevity, factory tested for zero leakage - install with confidence
- Designed for **10,000 PSI maximum operating pressure** in carbon steel and 10,000 PSI in stainless steel
- Standard **5 PSI & 65 PSI cracking pressures**, with rapid delivery for 0, 15, 30, 75, and 135 PSI - call with your custom requirement
- Hybrid models with **SAE Code 61 4-Bolt** and **Split Flange** available
- Spring laid out such that it never fully packs, extending life expectancy
- One piece steel construction eliminates leakage from joints

*CVH shares external dimensions with the CVH Carbon Steel Series (see Table to left).

For water & Gas applications contact DMIC
CVH Check Valves

**Physical Parameters**

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**Model**

- CVH Carbon Steel, 10,000 PSI
- CVH Stainless Steel, 10,000 PSI

**Nominal Size**

Expressed in 1/1000" units

- Example: 0375 = 3/8" (0.375")

**Inlet Port Thread**

- Standard US/Canada (NPT, SAE ORB, metric Standard)
- Optional Threads (Call DMIC) (B, BSPT, ISO 6149)

**Cracking Pressure**

- **Stock Options**
  - 05 5 PSI (0.35 Bar)
  - 65 65 PSI (4.5 Bar)
- **Rapid Delivery Options**
  - 15 15 PSI (1.03 Bar)
  - 30 30 PSI (2.1 Bar)
  - 75 75 PSI (5.2 Bar)
  - 135 135 PSI (9.3 Bar)

**Orifice (optional)**

- 031 1/2"
- 062 7/16"
- 093 5/8"
- 125 7/8"
- 156 13/16"
- 188 15/16"

This valve series is factory sealed and disassembly will destroy the valve and void the warranty.

Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.