

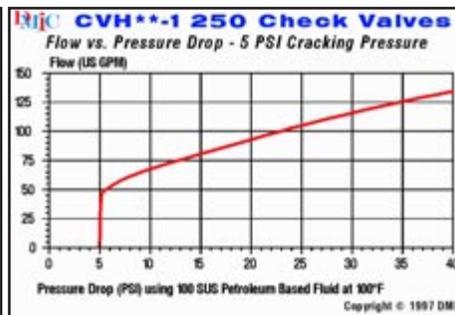
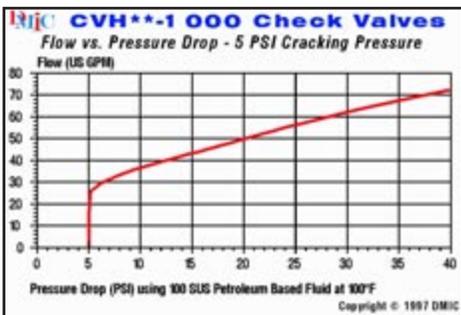
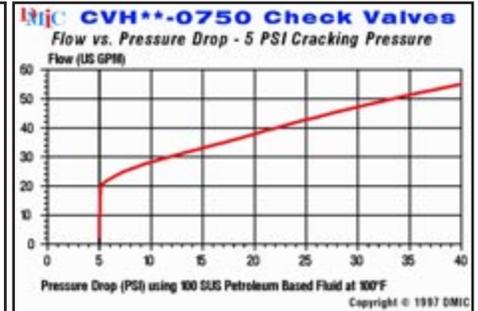
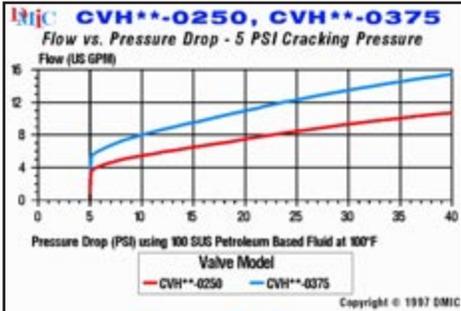
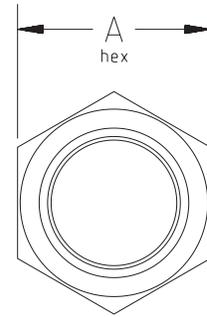
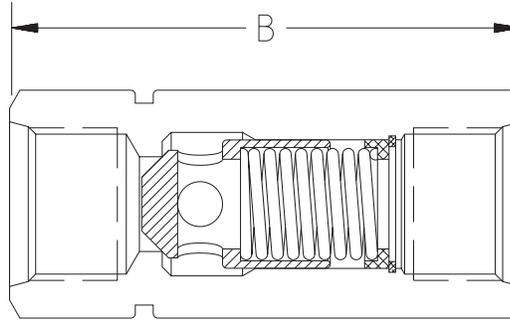
'CVH' Internal Parts BOM (FYI Only)

Pos	Qty	Description
P01	1	Valve Body
P02	1	Poppet
P03	1	Spring, specify PSI setting
P04	1	Spring Seat
P05	1	Spiral Retainer

This valve series is factory sealed and disassembly will destroy the valve and void the warranty. Due to our policy of continual product improvement, specifications may change without notice. When designing by spec, please request a certified print.

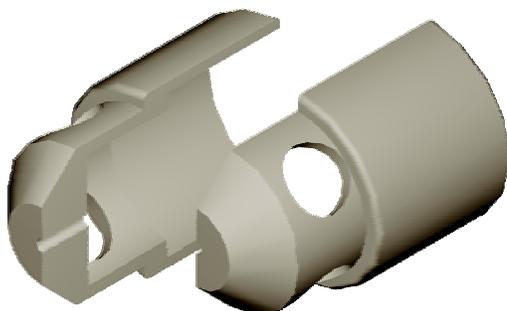


'CVH' Dimensions & Flow Characteristics



Poppet Orifice Option

For metered reverse flow, rapid-stock & custom sizes



CVH xx - 1000 S /062

ORIFICE SIZE SELECTION

The orifice size is specified in 1/1000" units. Select an available orifice from the table and append as "slash code" to check valve p/n.

Rapid delivery sizes are denoted with smiley faces. Please call for custom-order orifice sizes.

With the poppet orifice option, the designer can achieve metered flow in the opposite direction. This is useful for safety bleed and other specific applications. DMIC's flexible manufacturing allows you to select from rapid delivery standard sizes or specify a custom-order orifice diameter.

CVH Valve Size	ORIFICE DIAMETER, RAPID AVAILABILITY BY VALVE MODEL					
	1/32"	1/16"	3/32"	1/8"	5/32"	3/16"
Orifice Code->	/031	/062	/093	/125	/156	/188
CVH**-0250	☺					
CVH**-0375	☺	☺				
CVH**-0500	☺	☺	☺			
CVH**-0750		☺	☺	☺		
CVH**-1000			☺	☺	☺	
CVH**-1250				☺	☺	☺
CVH**-1500					☺	☺
CVH**-2000						☺



'CVH' Stainless Steel

Top Grade "All Stainless Steel" Check Valves; Hand Seated & Tested Parts; 1/2" to 2" N/S/B/T/IU



You'll probably **never** have to replace a **stainless 'CVH'** once it's installed. DMIC's **S/S 'CVH'** expresses our dedication to craftsmanship in a premium stainless steel design for food service, aerospace, military, and other high end applications where only the best will do. After six years of production, no **S/S 'CVH'** Check Valve had yet been returned for defect or repair, due to hand matching and assembly, individual quality control & testing, and **the realization that the customer who specifies a S/S 'CVH' expects nothing less than the best.**

'CVH' Part Number	Port Size	Working Pressure	
		PSI	Bar
CVH**-0250*-21	1/4"	6,000 PSI	413 Bar
CVH**-0375*-21	3/8"		
CVH**-0500*-21	1/2"		
CVH**-0750*-21	3/4"		
CVH**-1000*-21	1"		

'CVH' Part Number	Port Size	Working Pressure	
		PSI	Bar
CVH**-1250*-21	1 1/4"	6,000 PSI	413 Bar
CVH**-1500*-21	1 1/2"		
CVH**-2000*-21	2"		

'CVH' shares external dimensions with the 'CVH' Carbon Steel series, see page 17.

Check Valve Construction

Chances are you will never have to replace a DMIC Check Valve, because they are built to last a long time

OPTIONAL. Poppet orifice option for designer flexibility & safety.

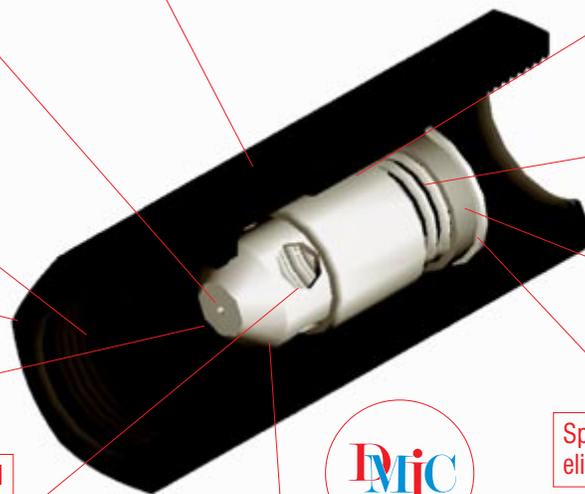
One piece steel body eliminates leakage from joints, especially at elevated pressures up to 10,000 PSI (680 Bar). All-S/S model option.

We make them in standard and metric threads for rapid delivery worldwide.

Black Oxide finishing.

Hardened parts for durability.

Computer generated contour of internal fluid passages and equalization of cross-sectional areas reduce pressure drop and increase laminar flow through the valve. DMIC features one of the lowest DP designs on the market today.



Spring is laid out so it never fully packs, extending high cycle life expectancy.

Oversize spring seating surface and Poppet landing zone features high precision to minimize wear.

Spiral retainer secures the internals, to eliminate possibility of reverse collapse.

Your guarantee of a properly engineered fluid control valve.

NEW ! Refined poppet contour further aids laminar flow.

