CVS SERIES

Stainless steel in-line check valves

INTRODUCTION

Holmbury's CVS Series stainless steel in-line check valves are designed to suit a wide range of applications. The CVS Series check valve allows flow in one direction and blocks it in the opposite direction. The flow is only allowed once a pre-set cracking pressure is reached.

CONSTRUCTION

- AISI 316 stainless steel
- Fitted with Viton seals (Other seals available on request)
- Also available in carbon steel (See CV Series)

FEATURES

- Various cracking pressures are available
- Single directional flow

SPECIFICATIONS

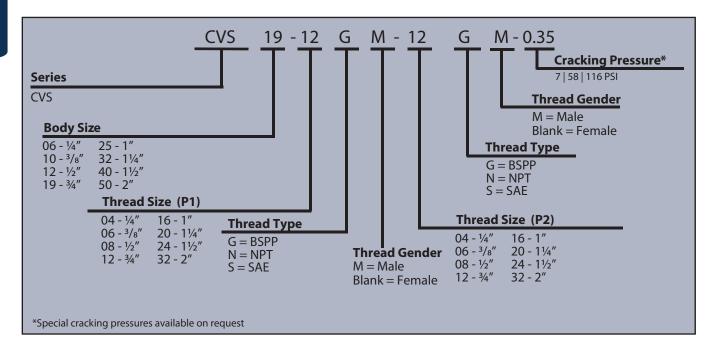
• Operating temperatures (With Viton seals): -20°C (-4°F) to 200°C (392°F)



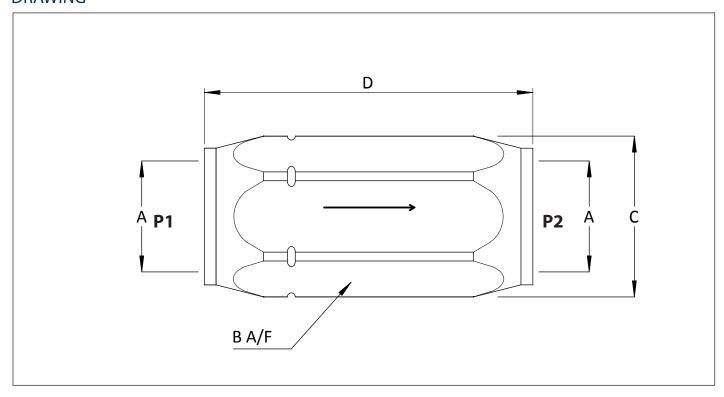
APPLICATIONS

- Corrosive fluids and environments
- Marine
- · Oil and gas
- Chemical
- Pharmaceutical
- Nuclear

ORDER CODES



DRAWING



DIMENSIONS

Size	Thread Size (A)*	В	ØC	D	Maximum Working Pressure	Burst Pressure
		Dimensions in mm			Bar	
		Dimensions in Inches			Psi	
CVS 06	1/4"	19.0	21.0	50.0	350	1225
		0.7	0.8	2.0	5075	17763
CVS 10	3/8″	24.0	27.0	60.0	350	1225
		0.9	1.1	2.4	5075	17763
CVS 12	1/2"	27.0	33.0	65.0	350	1225
		1.1	1.3	2.6	5075	17763
CVS 19	3/4″	34.0	40.0	75.0	300	1050
		1.3	1.6	3.0	4350	15225
CVS 25	1"	41.0	49.0	93.0	250	875
		1.6	1.9	3.7	3625	12688
CVS 32	1 1/4"	50.0	63.2	110.0	250	875
		2.0	2.5	4.3	3625	12688
CVS 40	1 1/2"	55.0	75.0	112.0	250	875
		2.2	3.0	4.4	3625	12688
CVS 50	2"	75.0	84.0	160.0	200	700
		3.0	3.3	6.3	2900	10150

*Dimensions based on BSPP threads

PSI= Bar x14.5 Inches= mm/25.4

