

CVS Series Steel Check Valves Product Data Sheet



Dimensional Data

Nominal Bore Size	Working Pressure (PSI @ 100° F)	End-to-End Length (in)	Weight (lbs)	Order Number
1"	275	4.1	5	CVS-1-275
	720			CVS-1-720
	1440			CVS-1-1440
	2160			CVS-1-2160
	3000			CVS-1-3000
2"	275	7.3	18	CVS-2-275
	720			CVS-2-720
	1440			CVS-2-1440
	2160			CVS-2-2160
	3000			CVS-2-3000
2" HEAVY	5000	8.3	26	CVS-2-5000
2.5"	275	8.3	21	CVS-2.5-275
	720			CVS-2.5-720
	1440			CVS-2.5-1440
	2160			CVS-2.5-2160
	3000			CVS-2.5-3000
3"	275	8.3	26	CVS-3-275
	720			CVS-3-720
	1440			CVS-3-1440
	2160			CVS-3-2160
	3000			CVS-3-3000
3" HEAVY	5000	8.3	34	CVS-3-5000
4"	275	9.3	28	CVS-4-275
	720			CVS-4-720
	1440			CVS-4-1440
	2160			CVS-4-2160

Bill of Materials

Part	Material	Number Required
Body	A216 WCB Carbon Steel	1
Cap	A216 WCB Carbon Steel	1
Clapper	A216 WCB Carbon Steel**	1
Seals	Buna-N (S) Viton (O) Teflon (O)	2
Pipe Plug	Steel	1*

Additional Information

Maximum Operating Temperature
 Buna-N Seal 250° F
 Viton Seal 450° F
 Teflon 500° F

Tapped Outlet in Cap is 1/4" NPT Female

*Excludes 1" which does not have a tapped outlet.

**CF8M Stainless Steel in CVS-1, CVS-2, CVS-2-5000 and CVS-3-5000

***CVS-2-5000 and CVS-3-5000 have Viton Seals

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