



Wafer Check Valve

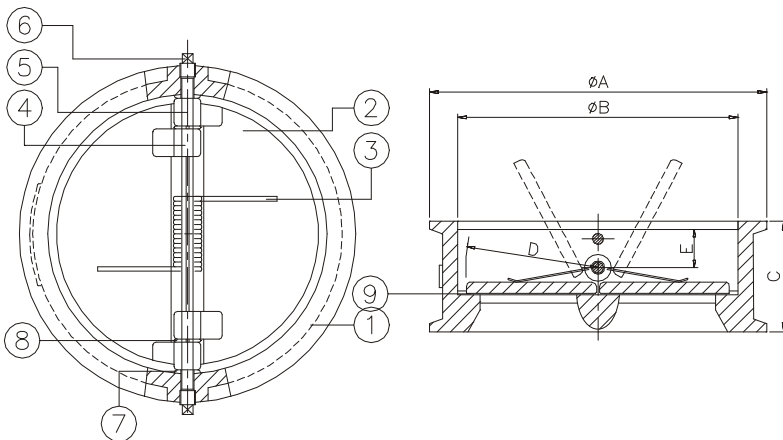
2025
CLASS 125
2" - 24"

**Cast Iron Compact
Wafer Body**



**Double Disc Design
Spring Loaded**

- Vertical & horizontal flows*
 - Standard EPDM Resilient seats
 - 200 psi Maximum Pressure
- Options:**
- Viton, Metal, and EPDM Seats
 - Stainless, Carbon, and Alloy Steel Bodies
- *Vertical Upward Flows



ITEM	PARTS	MATERIAL
1	BODY	ASTM A126 CLASS B
2	DISC	ASTM A351-CF8M
3	SPRING	AISI 316
4	HINGE PIN	AISI 316
5	STOP PIN	AISI 316
6	PLUG	AISI 316
7	BODY BEARING	TEFLON
8	PLATE BEARING	TEFLON
9	BODY SEAT	BUNA

*STANDARD SEAT

Size		2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	in	4.29	5.08	5.67	6.46	7.64	8.74	10.98	13.39	16.14	17.76	20.24	21.61	23.86	25.98
	mm	109	129	144	164	194	222	279	340	410	451	514	549	606	660
B	in	2.36	2.87	3.50	4.49	5.55	6.61	8.62	10.75	12.76	14.02	15.98	17.99	20.00	22.01
	mm	60	73	89	114	141	168	219	273	324	356	406	457	508	559
C	in	2.13	2.13	2.24	2.52	2.76	2.99	3.74	4.29	5.63	7.24	7.52	7.99	8.39	8.62
	mm	54	54	57	64	70	76	95	109	143	184	191	203	213	219
D	in	1.26	1.46	1.77	2.09	2.64	3.11	4.13	4.92	6.10	6.69	7.68	8.62	9.61	10.39
	mm	32	37	45	53	67	79	105	125	155	170	195	219	244	264
E	in	1.02	1.02	1.10	1.22	1.26	1.38	1.65	1.65	2.28	3.54	3.50	3.39	3.50	3.54
	mm	26	26	28	31	32	35	42	42	58	90	89	86	89	90
Weight	lb.	6.6	8.8	11	13.2	19.8	22	41.8	68.2	127.6	156.2	217.8	259.6	396	501.6
	kg.	3	4	5	6	9	10	19	31	58	71	99	118	180	228
Studs	Qty	4	4	4	8	8	8	8	12	12	12	16	16	20	20
	Dia	in	0.63	0.63	0.63	0.63	0.75	0.75	0.75	0.88	0.88	1.00	1.00	1.13	1.13
mm		16	16	16	16	19	19	19	22	22	25	25	29	29	32
Length	in	5.50	6.00	6.25	6.25	7.25	8.00	9.50	10.50	12.25	13.00	13.50	14.50	15.25	16.25
	mm	140	152	159	159	184	203	241	267	311	330	343	368	387	413
CV		60	100	170	340	520	850	1600	2400	3800	4400	5800	7500	9800	15000

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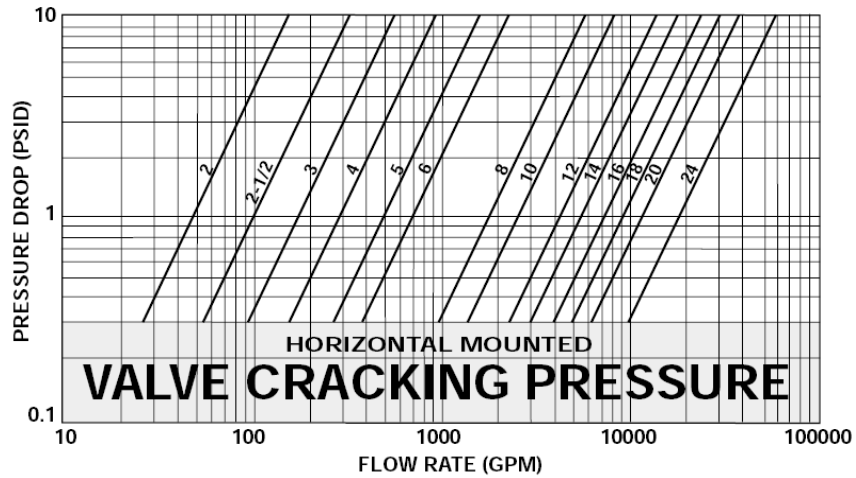


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Pressure drop liquids

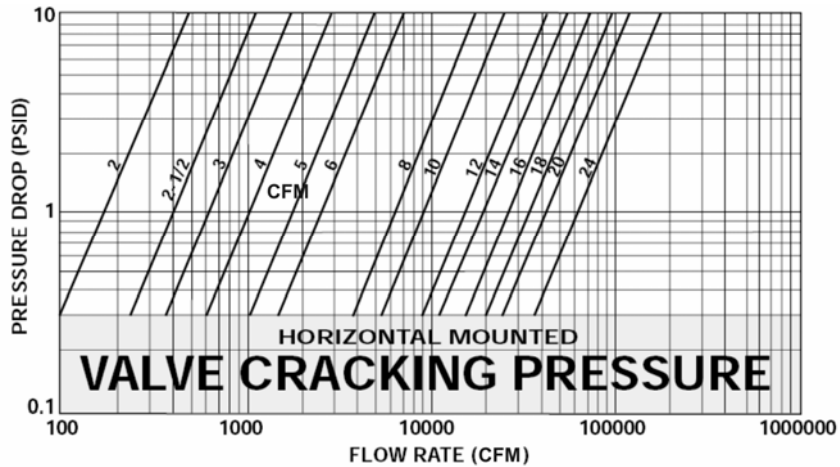
Sizes 2" - 24"



Valve cracking pressure: 0.3 psid mounted horizontally. Between 0.75 and 1.25 psid mounted vertically with upwards flow.

Pressure drop air

Sizes 2" - 24"



Working Pressure By Class psig							
TEMP.		Class 125			Class 250		
		ASTM A126			ASTM A126		
		Class B			Class B		
°F	°C	NPS 1-12	NPS 14-24	NPS 30-48	NPS 1-12	NPS 14-24	NPS 30-48
-20 -150	-29 - 66	200	150	150	500	300	300
200	93	190	135	115	460	280	250
225	107	180	130	100	440	270	225
250	121	175	125	85	415	260	200
275	135	170	120	65	395	250	175
300	149	165	110	50	375	240	150
325	163	155	105	●	355	230	125
353	178	150	100	●	335	220	100
375	191	●	●	●	315	210	●
405	207	●	●	●	290	200	●

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