



# Wafer Check Valve

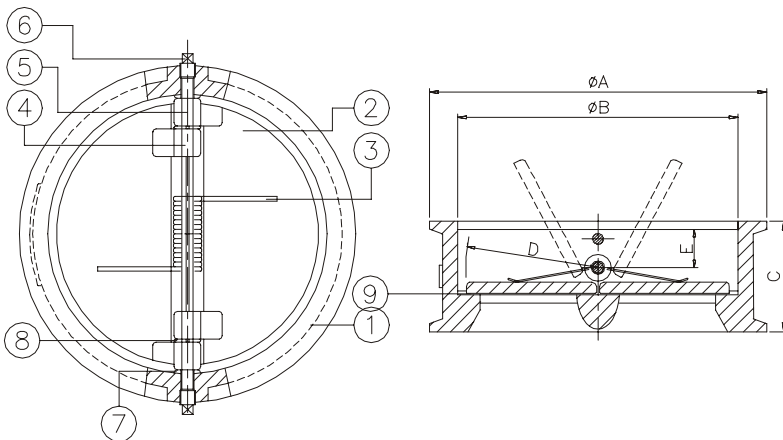
**2025**  
CLASS 125  
2" - 24"

**Cast Iron Compact  
Wafer Body**



**Double Disc Design**

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



ITEM	PART	MATERIAL
1	BODY	A126 CLASS B
2	DISCS	ASTM A351-CF8M
3	SPRING	AISI 316
4	HINGE PIN	AISI 316
5	STOP PIN	AISI 316
6	PLUG	AISI 316
7	BODY BEARING	PTFE
8	PLATE BEARING	PTFE
9	BODY SEAT	*EPDM

\*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
	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
	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
mm		140	152	159	159	184	203	241	267	311	330	343	368	387	
CV		60	100	170	340	520	850	1600	2400	3800	4400	5800	7500	9800	15000

PMP Precision Valve Company Ltd. Is a progressive supplier of current products. The features, materials of construction and dimensional data as detailed in this bulletin are intended for your reference only, and should not be relied upon unless confirmed in writing by PMP Precision Valve Co. Ltd.. Certified dimensional drawings are available upon order receipt.

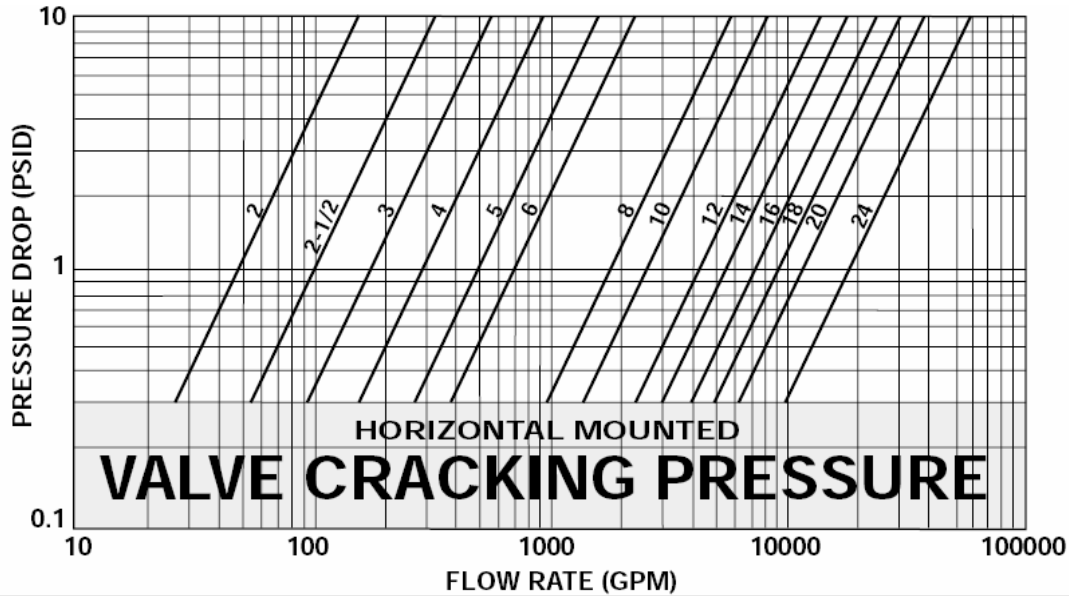


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## Pressure drop liquids

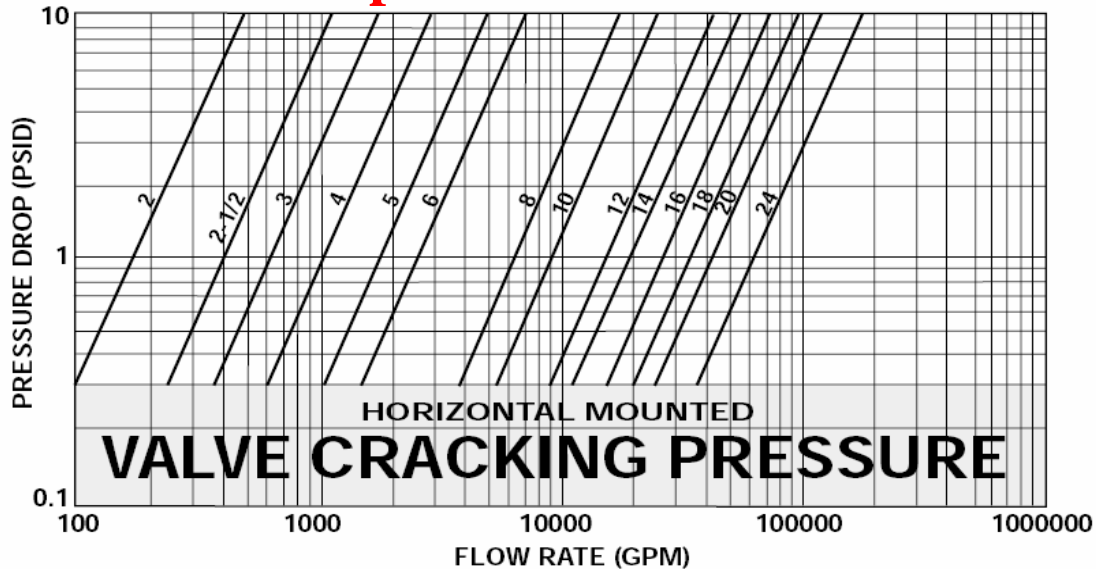
Sizes 2" - 24"



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"



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