



VCDD-P/H PVC / CPVC DOUBLE DISC CHECK VALVE

Features -

- No Metal Components
- Quick Response Shut-off In Any Position
- Replaceable Internal Components
- Choice of Reinforced EPDM or FKM
- Suitable for Horizontal or Vertical UP-FLOW Installation
- Assembled with Silicone-Free, Water Soluble Lubricants
- Constructed from PVC Type I, ASTM D 1784 Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell classification 23447

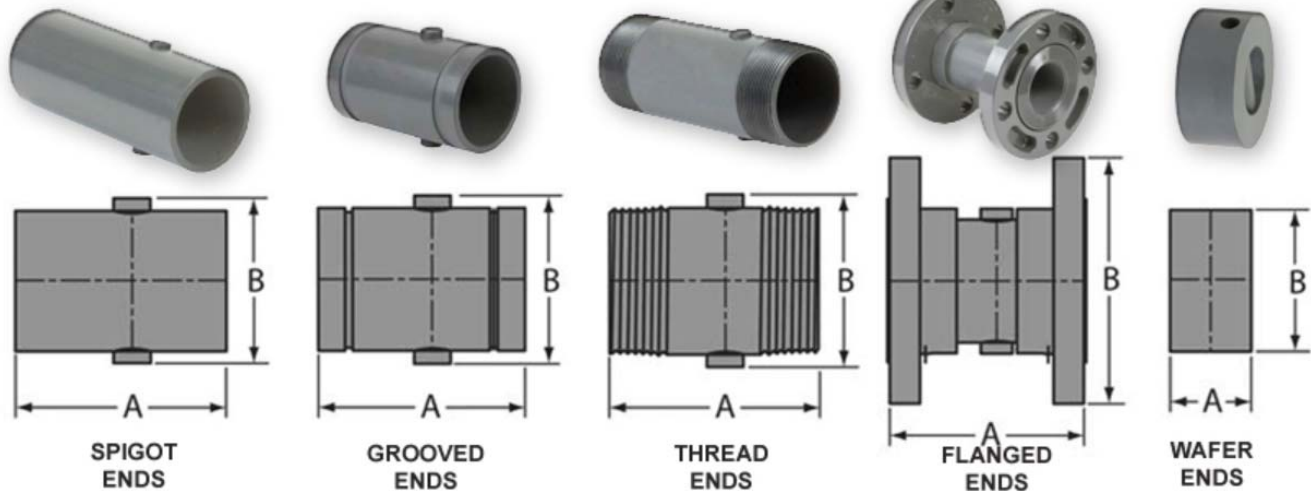


NON-SHOCK PRESSURE (PSIG) @ TEMPERATURE

SIZE	MATERIAL	100 (F°)	140 (F°)	200 (F°)
2-8	PVC	150	50	0
	CPVC	150	110	50
10-16	PVC	100	50	0
	CPVC	100	80	50
18-24	PVC	50	30	0
	CPVC	50	40	15

FLANGED RATED 150 PSIG @ 73 F

OPTIONAL END CONFIGURATIONS



DIMENSIONS (in) / PERFORMANCE

SIZE	SPIGOT, GROOVED AND THREADED VALVES		FLANGED		WAFER		Cv
	A	B	A	B	A	B	
2	5-3/4	2-6/16	6-1/6	6	1-3/4	4	91
2-1/2	5-3/4	3-3/32	6-1/8	7	2-3/8	4-3/4	123
3	5-3/4	4-1/32	6-1/4	7-1/2	2-3/4	5-1/4	365
4	6-3/4	4-13/16	7-1/4	9	3-5/8	6-5/8	665
6	10-1/2	7-9/32	11-3/8	11	4-1/4	8-5/8	1695
8	14	10-7/32	14-9/16	13-1/2	6	11	2990
10	16	12	17-3/8	16	10	13-1/4	5595
12	16	14-1/32	17-1/4	19	12	16	8490
14	18	14-3/4	20	21	13	17-5/8	10000
16	19-3/4	16-17/32	21-1/4	23-1/2	13-1/2	20-1/8	13000
18	26-1/2	20	27	25	15-1/2	21-1/2	15000
20	28-7/8	21-25/32	40-7/8	27-1/2	17	23-3/4	18000
24	29-7/8	25-21/32	43-7/8	32	19	24	29000

- NOT FOR DOWNWARD FLOW
- FLOW VELOCITY NOT TO EXCEED 5 FT/SEC
- CRACKING PRESSURE IS APPROXIMATELY 0.5 PSIG
- SUITABLE FOR OIL FREE AIR HANDLING TO 25 PSIG MAX. NOT FOR COMPRESSED AIR OR GAS.

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	Body	PVC/CPVC
2	Flapper	PVC/CPVC
3	Flex Seal Gasket	EPDM/FKM
4	Flapper Cover	PVC/CPVC
5	Flapper Screws	PVC/CPVC
6	Hinge Post Screws	Encapsulated SS
7	Post Strip	PVC/CPVC
8	Post Bolt	PVC/CPVC (Steel Reinforced)
9	O-ring	EPDM/FKM
10	Hinge Post	PVC/CPVC

- FLANGED VALVES ARE DESIGNED FOR MOUNTING BETWEEN TWO (2) ANSI CLASS 125/150 BOLT PATTERN FLANGES USING USER SUPPLIED 1/8" FULL-FACED GASKETS, BOLTS, NUTS AND FLAT WASHERS.
- MALE THREAD ENDS ARE STANDARD NPT TAPERED.
- GROOVED ENDS ARE FOR USE WITH MECHANICAL COUPLER DESIGNED FOR THERMOPLASTIC PIPE