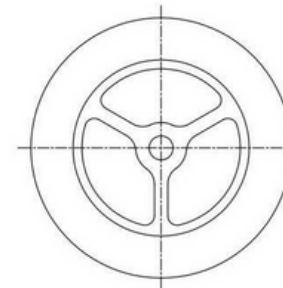
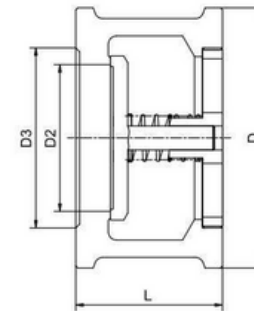


WAFER SINGLE DISC LIFT CHECK VALVE

Model: VH71



1. The structural length is short, it's length only 1/4-1/8 of traditional flange check valve.
2. Small size and light weight, it's weight only 1/4-1/20 of traditional flange check valves.
3. The valve disc closes quickly and the water hammer pressure is low.
4. Both horizontal and vertical pipelines can be used with easy installation.
5. Smooth flow pattern and low flow resistance.
6. Sensitive action and good sealing performance.
7. Short valve disc stroke and low closing impact force.
8. Simple and compact structure with beautiful appearance.
9. Long service life and high reliability



TECHNICAL SPECIFICATION

Design standard: API594, API6D, JB/T8937

Face to face: API594, API6D, DIN3202, JB/T8937

Connection standard: GB/T9113, EN1092, ASME B16.5

Test and inspection: API598, GB/T26480

Size: DN25-DN1200, 1/2" -48"

Working pressure: PN10-PN420, 150LB-2500LB

Working temperature: -196-540°C

Application

water, steam, oil, nitric acid, acetic acid, strong oxidizing media and urea.

NAME	MATERIAL
Body	CF8, CF8M
Seat	CF8, CF8M, STL
Disc	SS304+STL, SS316+STL
Spring	SS304, SS316
Stem	CF8, CF8M

TEST SPECIFICATION

Test	Strength	1.5PN	Mpa
	Seat Seal	1.1PN	
	Gas Seal	/	
Temperature		-196℃~540℃	

NPS	DN	L	D	D2	D3	(Kg)	D1	n	in	mm	RF	RJ
150LB (PN20)												
1/2	15	25	46	15	25	0.28	60.5	4	1/2	M14	90	-
3/4	20	31.5	56	19	30	0.42	70	4	1/2	M14	100	-
1	25	35.5	65	24	36	0.56	79.5	4	1/2	M14	105	120
1-1/4	32	40	74	31	43	0.75	89	4	1/2	M14	115	130
1-1/2	40	45	84	39	52	1.3	98.5	4	1/2	M14	120	135
2	50	56	103	48	62	2.1	120.5	4	5/8	M16	140	155
2-1/2	65	63	122	62	75	2.8	139.5	4	5/8	M16	155	170
3	80	71	135	76	90	3.6	152.5	4	5/8	M16	165	180
4	100	80	173	95	112	4.8	190.5	8	5/8	M16	175	190
5	125	110	195	110	125	12	216	8	3/4	M20	210	225
6	150	125	220	127	150	17	241.5	8	3/4	M20	230	245
8	200	160	277	165	200	29	298.5	8	3/4	M20	270	285
300LB (PN50)												
1/2	15	25	52	15	25	0.3	66.5	4	1/2	M14	95	105
3/4	20	31.5	65	19	30	0.46	82.5	4	5/8	M16	110	125
1	25	35.5	72	24	36	0.6	89	4	5/8	M16	115	130
1-1/4	32	40	81	31	43	0.8	98.5	4	5/8	M16	125	140
1-1/2	40	45	94	39	52	1.5	114.5	4	3/4	M20	140	155
2	50	56	110	48	62	2.4	127	8	5/8	M16	145	170
2-1/2	65	63	128	62	75	3.0	149	8	3/4	M20	170	190
3	80	71	147	76	90	4.0	168.5	8	3/4	M20	185	205
4	100	80	179	95	112	5.5	200	8	3/4	M20	200	220
5	125	110	214	110	125	13	235	8	3/4	M20	235	255
6	150	125	249	127	150	22	270	8	3/4	M20	255	275
8	200	160	305	165	200	36	330	12	7/8	M24	305	325
PN16 (Long)												
1/2	15	25	52	15	25	0.3	65	4	-	M12	90	-
3/4	20	31.5	62	19	30	0.45	75	4	-	M12	100	-
1	25	35.5	72	24	36	0.6	85	4	-	M12	105	-
1-1/4	32	40	83	31	43	0.8	100	4	-	M16	115	-
1-1/2	40	45	93	39	52	1.4	110	4	-	M16	120	-
2	50	56	108	48	62	2.3	125	4	-	M16	140	-
2-1/2	65	63	128	62	75	3	145	4	-	M16	150	-
3	80	71	142	76	90	3.8	160	8	-	M16	155	-
4	100	80	162	95	112	5	180	8	-	M16	170	-
5	125	110	192	110	125	11	210	8	-	M16	200	-
6	150	125	218	127	150	16	240	8	-	M20	225	-
8	200	160	273	165	200	28	295	12	-	M20	260	-
PN25 (Long)												
1/2	15	25	52	15	25	0.3	65	4	-	M12	90	-
3/4	20	31.5	62	19	30	0.45	75	4	-	M12	100	-
1	25	35.5	72	24	36	0.6	85	4	-	M12	105	-
1-1/4	32	40	83	31	43	0.8	100	4	-	M16	115	-
1-1/2	40	45	93	39	52	1.4	110	4	-	M16	120	-
2	50	56	108	48	62	2.3	125	4	-	M16	140	-
2-1/2	65	63	128	62	75	3	145	8	-	M16	150	-
3	80	71	142	76	90	3.8	160	8	-	M16	165	-
4	100	80	168	95	112	5.3	190	8	-	M20	180	-
5	125	110	194	110	125	12	220	8	-	M24	225	-
6	150	125	244	127	150	18	250	8	-	M24	245	-
8	200	160	284	165	200	30	310	12	-	M24	285	-
PN40 (Long)												
1/2	15	25	52	15	25	0.3	65	4	-	M12	90	-
3/4	20	31.5	62	19	30	0.45	75	4	-	M12	100	-
1	25	35.5	72	24	36	0.6	85	4	-	M12	105	-
1-1/4	32	40	83	31	43	0.8	100	4	-	M16	115	-
1-1/2	40	45	93	39	52	1.4	110	4	-	M16	120	-
2	50	56	108	48	62	2.3	125	4	-	M16	140	-
2-1/2	65	63	128	62	75	3	145	8	-	M16	150	-
3	80	71	142	76	90	3.8	160	8	-	M16	165	-
4	100	80	168	95	112	5.3	190	8	-	M20	180	-
5	125	110	194	110	125	13	220	8	-	M24	225	-
6	150	125	244	127	150	19	250	8	-	M24	245	-
8	200	160	291	165	200	32	320	12	-	M27	295	-



All your process control needs

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