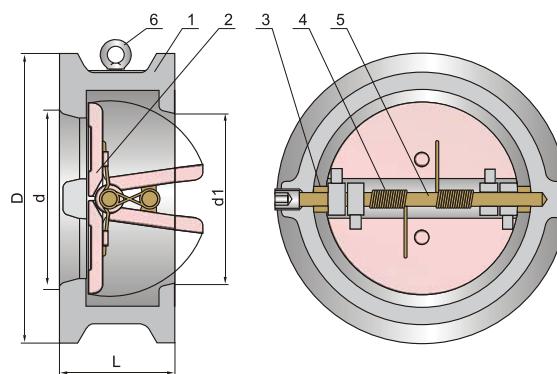


# DUAL-PLATE WAFER TYPE CHECK VALVE 150Lb~300Lb

## Wafer Type Check Valve

- 1) Short face-to-face dimensions and low weight provide an economical, space-saving solution compared to traditional swing type check valves.
- 2) The body provides a short and straight flow path, and the spring-loaded designed disc with very low cracking pressure, which reduces the head loss.
- 3) Quick closure of the disc reduces water hammer by creating a positive shutoff prior to flow reversal
- 4) Short rotational disc travel reduces impact to valve seat, which reduces wear to disc and seat.
- 5) Can be installed in any position, vertical (with upward flow only) or horizontal.



### Features:

One Piece Body, Long Pattern  
Wafer End Standard  
Flanged Ends Available

### Applicable Standards:

Design: API 594 / API 6D  
Wall Thickness: API 594  
Face-to-face: API 594 / API 6D  
Flange Ends: ASME B16.5 / B16.47  
Testing: API 598 / API 6D

## Materials of parts

No	Part Name	ASTM Material		
		Carbon Steel	Stainless Steel	Low Temp. Steel
1	Body	A216-WCB	A351-CF8M	A352-LCB
2	Plate	A217-CA15	A315-CF8M+HF	A352-LCB+13CR
3	Stop Pin	A276-420	A276-316	A276-420
4	Back Spring	SS304	SS316	SS304
5	Hinge Pin	A276-420	A276-316	A276-420
6	Eyebolt <sup>1)</sup>	Carbon Steel	Stainless Steel	Carbon Steel

Note:1).NPS8" & larger.

## Dimensions data

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
ANSI Class 150Lb														
L	2.38 60	2.62 67	2..88 73	2..88 73	3.88 98	5.00 127	5.75 146	7.12 181	7.25 184	7.50 191	8.00 203	8.62 219	8.75 222	in. mm
D	4.00 103	4.88 122	5.38 135	6.75 173	8.62 220	10.88 277	13.25 337	16.00 407	17.62 448	20.12 512	21.50 547	23.75 604	28.12 715	in. mm
d	2.00 51	2.50 65	3.25 80	4.00 102	6.00 152	8.00 203	10.00 254	12.00 305	13.75 350	15.75 400	17.75 450	19.75 500	23.62 600	in. mm
d1	2.25 56	2.88 73	3.50 88	4.25 108	6.25 160	8.25 210	10.50 266	12.12 310	14.00 355	16.00 405	18.00 455	19.88 505	23.75 605	in. mm
WT	2	3	4	6	13	25	39	54	80	117	138	163	331	Kg
ANSI Class 300Lb														
L	2.38 60	2.62 67	2.88 73	2.88 73	3.88 98	5.00 127	5.75 146	7.12 181	8.75 222	9.12 232	10.38 264	11.50 292	12.50 318	in. mm
D	4.25 110	5.00 128	5.75 147	7.00 179	9.88 249	12.00 305	14.12 359	16.50 420	19.00 483	21.12 537	23.38 594	25.62 652	30.38 772	in. mm
d	2.00 51	2.50 65	3.00 80	4.00 102	6.00 152	8.00 203	10.00 254	12.00 305	14.00 350	16.00 400	18.00 450	20.00 500	24.00 600	in. mm
d1	2.25 58	2.88 73	3.50 88	4.25 108	6.38 160	8.25 210	10.50 266	12.25 310	14.00 355	16.00 405	18.00 455	20.00 505	24.00 608	in. mm
WT	3	4	6	8	18	31	51	77	117	190	200	265	410	Kg

# DUAL-PLATE WAFER TYPE CHECK VALVE

## 600Lb~2500Lb

**KOLINK**  
VALVES & PIPE FITTINGS

### Dimensions data

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
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#### ANSI Class 600Lb

L	2.38 60	2.62 67	2.88 73	3.12 79	5.38 136	6.50 165	8.38 213	9.00 229	10.75 273	12.00 305	14.25 362	14.50 368	17.25 438	in mm
D	4.38 110	5.00 128	5.75 147	7.50 191	10.38 164	12.50 318	15.62 398	17.88 455	19.25 490	22.12 562	24.00 610	26.75 680	31.00 786	in mm
d	2.01 51	2.56 65	3.15 80	4.02 102	5.98 152	7.87 200	9.84 250	12.01 305	13.27 337	15.24 387	17.24 438	19.25 489	23.27 591	in mm
d1	2.28 58	2.87 73	3.46 88	4.25 108	6.38 162	8.35 212	10.47 266	12.28 312	13.98 355	15.75 400	17.72 450	19.69 500	23.62 600	in mm
WT	4	5	8	11	26	55	95	140	223	360	395	518	836	kg

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
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#### ANSI Class 900Lb

L	2.75 70	3.25 83	3.25 83	4.00 102	6.25 159	8.12 206	9.50 241	11.50 292	14.00 356	15.12 384	17.75 451	17.75 451	19.50 495	in mm
D	5.50 140	6.38 162	6.50 165	8.00 204	11.25 286	14.00 356	17.00 432	19.50 495	20.38 518	22.50 572	25.00 635	27.38 695	32.88 835	in mm
d	2.01 51	2.56 65	3.15 80	4.02 102	5.91 150	7.87 200	9.84 250	12.01 305	13.27 337	15.24 387	17.24 438	19.17 487	23.27 591	in mm
d1	2.28 58	2.87 73	3.54 90	4.25 108	6.38 162	8.35 212	10.47 266	12.28 312	13.98 355	15.75 400	17.72 450	19.53 496	23.62 600	in mm
WT	8	11	14	20	42	84	145	220	350	470	605	820	1050	kg

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400	18 450	20 500	24 600	in mm
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#### ANSI Class 1500Lb

L	2.76 70	3.25 83	3.25 83	4.00 102	6.25 159	8.12 206	9.75 248	12.00 305	14.00 356	15.12 384	18.44 468	21.00 533	22.00 559	in mm
D	5.50 140	6.38 162	6.75 172	8.12 207	11.00 280	13.75 350	17.00 433	20.30 518	22.62 576	25.13 639	27.62 701	29.63 753	35.38 897	in mm
d	2.01 51	2.56 65	3.15 80	4.02 102	5.91 150	7.87 200	10.00 254	12.01 305	13.27 337	15.24 387	16.93 430	18.82 478	22.44 570	in mm
d1	2.28 58	2.87 73	3.54 90	4.25 108	6.38 162	8.35 212	10.47 266	12.28 312	13.98 355	15.75 400	17.24 438	19.17 487	22.76 578	in mm
WT	8	11	19	26	68	130	210	384	550	635	790	1275	2710	kg

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	in mm
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#### ANSI Class 2500Lb

L	2.75 70	3.25 83	3.38 86	4.12 105	6.25 159	8.12 206	10.00 254	12.00 305	in mm
D	5.63 143	6.50 166	7.62 194	9.13 232	12.38 315	15.13 385	18.63 474	21.50 547	in mm
d	1.65 42	2.05 52	2.44 62	3.46 88	5.91 150	7.09 180	8.86 225	10.47 266	in mm
d1	1.89 48	2.28 58	2.68 68	3.70 94	6.38 162	7.32 186	9.13 232	10.71 272	in mm
WT	10	18	26	40	90	150	240	440	kg