

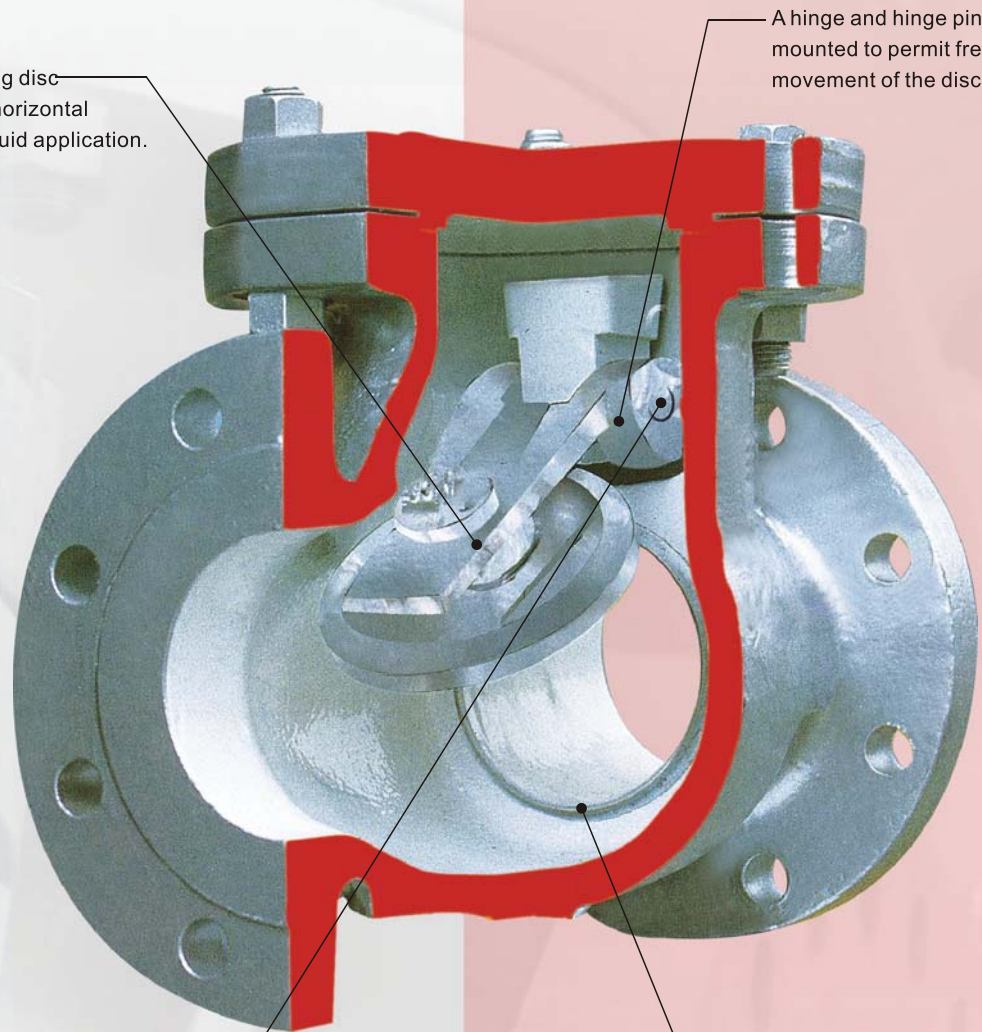
CHECK VALVE

Standard swing disc type, used in horizontal position for liquid application.

A hinge and hinge pin mounted to permit free movement of the disc.

Internal hinge design eliminates body penetration and eases maintenance since all parts are accessible from the top. Through-body hinge Pin design also available for extra lever, counter weight and damper.

Renewable welded-in or screwed-in seats provide a bubble tight joint.



CAST STEEL SWING CHECK VALVE 150LB

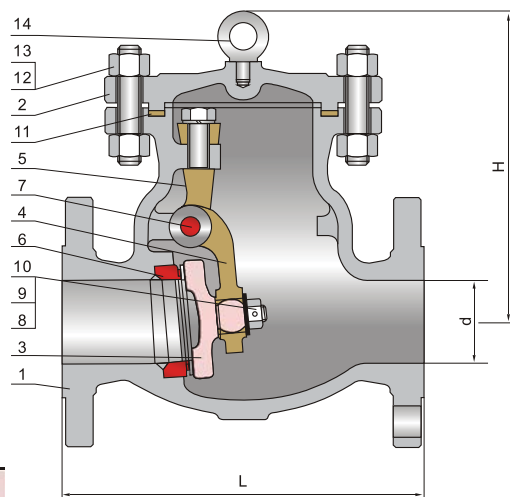
KOLINK
VALVES & PIPE FITTINGS

Features:

Swing Disc Design
Bolted Cover
Internal Hinge Pin Design Standard
Through-body Hinge Pin Design Available
Renewable Seat
Flanged or Butt-welding Ends
Extra Lever, Counter Weight and Damper
Available

Applicable Standards:

Design: API 6D / BS 1868 / API 594
Wall Thickness: BS 1868 / API 600
Face-to-face: ASME B16.10
Flange Ends: ASME B16.5 / B16.47
Butt-welding End: ASME B16.25
Testing: API 598 / API 6D



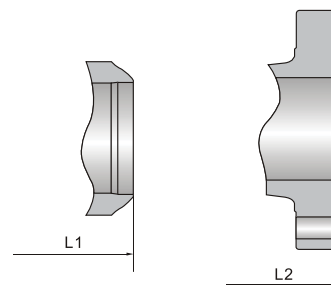
Materials of parts

NO	Part Name	ASTM Material		
		Carbon Steel	Alloy Steel	Low Temp. Steel
1	Body	A216-WCB	A217-WC6	A352-LCB
2	Cover	A216-WCB	A217-WC6	A352-LCB
3	Disc ¹⁾	A105-13CR	A182-F11+HF	A350-LF2+13CR
4	Hinge	A216-WCB	A217-WC6	A352-LCB
5	Support	A216-WCB	A217-WC6	A352-LCB
6	Seat Ring	A105+13CR	A182-F11+HF	A350-LF2+13CR
7	Hinge Pin	A276-420		
8	Disc Washer	Carbon Steel	A276-304	Carbon Steel
9	Disc Nut	Carbon Steel	A194-7	Carbon Steel
10	Disc Nut Pin	Carbon Steel	A276-420	Carbon Steel
11	Bonnet Gasket	Spiral Wound (Graphite+304)		
12	Bonnet Bolt	A193-B7	A193-B16	A320-L7
13	Bonnet Bolt Nut	A194-2H	A194-7	A194-4
14	Eyebolt ²⁾	Carbon Steel		

Note: 1). Cast steel disc for NPS 4 " and above.

2). NPS 6 " & larger.

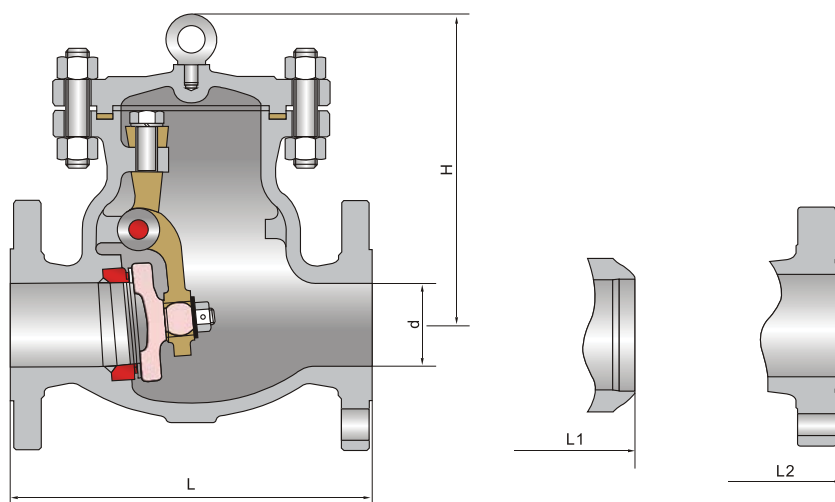
3). Disc and seat ring may either be solid facing material or a base material equal to or better than the body/bonnet material with facing as shown.



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	26 650	28 700	30 750	36 900	in mm
ANSI Class 150Lb																		
L/L1 (RF/BW)	8.00 203	8.50 216	9.50 241	11.50 292	14.00 356	19.50 495	24.50 622	27.50 699	31.00 787	34.00 864	38.50 978	38.50 978	51.00 1295	51.00 1295	57.00 1448	60.00 1524	77.00 1956	in mm
L2 (RTJ)	8.50 216	9.00 229	10.00 254	12.00 305	14.50 368	20.00 508	25.00 635	28.00 711	31.50 800	34.50 876	39.00 991	39.00 991	51.50 1308	— —	— —	— —	— —	in mm
H	6.00 152	6.50 165	6.88 175	8.00 204	11.50 293	13.88 353	15.38 390	17.00 432	18.75 475	20.62 525	22.88 582	24.62 627	34.75 883	35.88 910	37.00 940	38.62 980	48.00 1220	in mm
(d)	50 152	63 165	76 175	100 204	150 293	200 353	250 390	300 432	336 475	387 525	438 582	488 627	590 883	641 910	692 940	743 980	876 1220	mm
WT (kg)	14 10	20 12	25 17	40 29	71 57	118 96	177 143	263 227	353 295	542 468	632 552	855 755	970 831	1275 1120	1600 1420	1990 1760	2760 2230	RF BW

CAST STEEL SWING CHECK VALVE 300Lb~600Lb



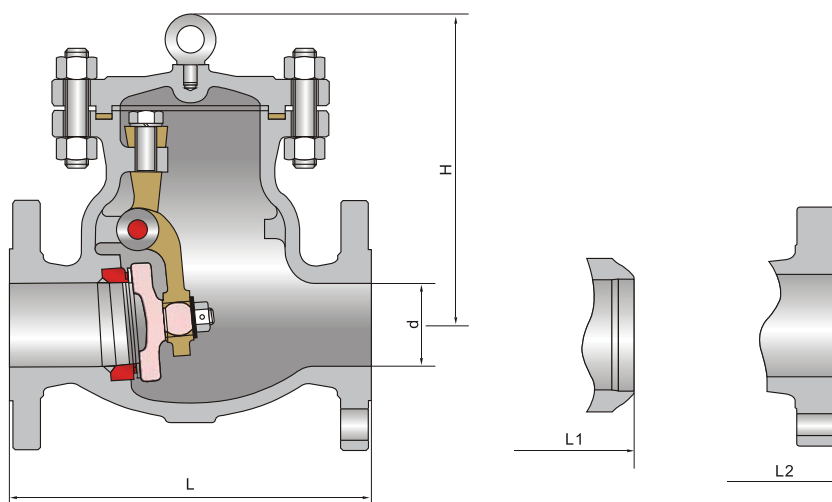
Dimensions data

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	26 650	28 700	30 750	36 900	in mm
ANSI Class 300Lb																		
L/L1 (RF/BW)	10.50 267	11.50 292	12.50 318	14.00 356	17.50 445	21.00 533	24.50 622	28.00 711	33.00 838	34.00 864	38.50 978	40.00 1016	53.00 1346	53.00 1346	59.00 1499	62.75 1594	82.00 2083	in mm
L2 (RTJ)	11.12 283	12.12 308	13.12 333	14.62 371	18.12 460	21.62 549	25.12 638	28.62 727	33.62 854	34.62 879	39.12 994	40.75 1035	53.88 1368	54.00 1372	60.00 1524	63.75 1619	— —	in mm
H	6.00 152	6.50 165	6.88 175	8.00 204	11.50 292	13.88 353	15.38 390	17.00 432	18.75 475	20.62 525	22.88 582	24.62 627	34.75 883	35.88 910	37.00 940	38.62 980	48.00 1220	in mm
(d)	50 16	63 23	76 29	100 46	150 82	200 136	250 204	300 302	336 405	387 625	431 730	482 985	584 1115	635 1465	686 1840	737 2290	876 3180	mm RF
WT (kg)	11 11	13 13	18 18	31 31	61 61	103 103	155 155	245 245	315 315	503 503	593 593	812 812	895 895	1205 1205	1525 1525	1895 1895	2395 2395	BW

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	26 650	28 700	30 750	in mm
ANSI Class 600Lb																	
L/L1 (RF/BW)	11.50 292	13.00 330	14.00 356	17.00 432	22.00 559	26.00 660	31.00 787	33.00 838	35.00 889	39.00 991	43.00 1092	47.00 1194	55.00 1397	57.00 1448	62.99 1600	65.00 1651	in mm
L2 (RTJ)	11.62 295	13.12 333	14.12 359	17.12 435	22.12 562	26.12 664	31.12 791	33.12 841	35.12 892	39.12 994	43.12 1095	47.25 1200	55.38 1407	57.51 1461	63.50 1613	65.51 1664	in mm
H	7.50 190	8.00 205	8.75 222	10.00 255	14.50 368	17.50 445	19.25 490	21.38 540	23.38 595	25.75 655	28.75 730	31.00 785	43.50 1105	40.00 1016	40.00 1066	45.98 1168	in mm
(d)	50 16	63 19	76 26	100 44	150 87	199 147	247 220	298 350	326 452	374 720	419 845	463 1160	558 1280	603 3010	648 3724	695 4528	mm BW
WT (kg)	24 16	35 19	44 26	70 44	125 87	207 147	310 220	460 350	615 452	945 720	1105 845	1495 1160	1695 1280	3800 3010	4600 3724	5500 4528	RF

CAST STEEL SWING CHECK VALVE 900Lb~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	in mm
ANSI Class 900Lb													
L/L1 (RF/BW)	14.50 368	16.50 419	15.50 381	18.00 457	24.00 610	29.00 737	33.00 838	38.00 965	40.50 1029	44.50 1130	48.00 1219	52.00 1321	in mm
L2 (RTJ)	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968	40.88 1038	44.88 1140	48.50 1232	52.50 1334	in mm
H	9.50 240	10.00 256	11.00 278	12.50 320	18.12 460	22.00 560	24.00 610	26.50 675	29.38 745	32.00 815	33.50 850	38.75 985	in mm
(d)	47	57	72	98	146	190	238	282	311	355	400	444	mm
WT (kg)	37 21	54 25	68 34	109 58	195 115	321 194	481 290	711 461	956 597	1468 950	1870 1210	2316 1533	RF BW

NPS DN	2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400
ANSI Class 1500Lb										
L/L1 (RF/BW)	14.50 368	16.50 419	18.50 470	21.50 546	27.75 705	32.75 832	39.00 991	44.50 1130	49.50 1257	54.50 1384
L2 (RTJ)	14.62 371	16.62 422	18.62 473	21.62 549	28.00 711	33.12 841	39.38 1000	45.12 1146	50.25 1276	55.38 1407
H	9.50 240	10.00 256	13.00 330	14.75 375	18.88 480	23.50 595	26.00 660	29.12 740	30.88 785	32.88 835
(d)	47	57	69	92	136	177	222	263	288	330
WT (kg)	40 29	63 47	70 49	115 84	250 152	470 310	740 470	1100 710	1410 910	1600 1100

2 50	2½ 65	3 80	4 100	6 150	8 200	10 250	12 300	in mm
ANSI Class 2500Lb								
17.75 451	20.00 508	22.75 578	26.50 673	36.00 914	40.25 1022	50.00 1270	56.00 1422	in mm
17.88 454	20.25 514	23.00 584	26.88 683	36.50 927	40.88 1038	50.88 1292	56.88 1445	in mm
10.75 275	13.25 335	13.75 350	15.12 385	19.50 495	24.62 625	28.00 712	35.62 905	in mm
38 50	47 76	57 85	72 165	111 460	146 900	184 1300	218 1800	mm RF
35 35	55 55	68 68	115 115	225 225	580 580	860 860	1150 1150	BW