

GICOB[®] Retainerless Dual Plate Check Valves

PRECISION . ROBUST . RELIABILITY



CATALOGUE



Features:

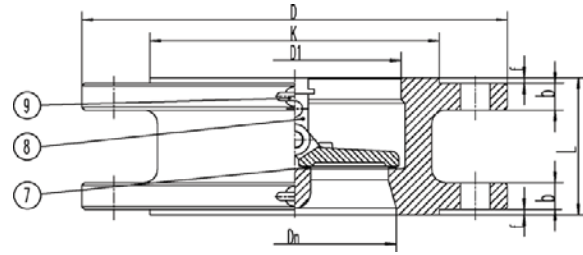
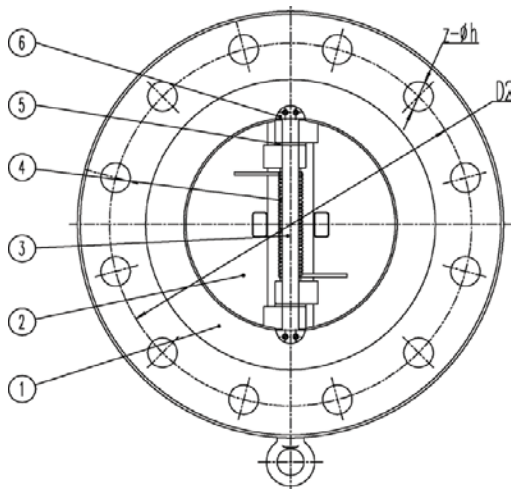
1. Retainerless Design meaning no holes through the valve body thus zero leakage to the outside.
2. Corrosion resistance hinge pin and spring ensure longevity of valve usage.
3. Zero thread corrosion.
4. Zero possibility of blow out risk.
5. API 594 Design.
6. Temperature ratings in accordance to ASME B16.34
7. Pressure Test to API598
8. Face to face Dimensions complies with API594, API6D, ISO14313, ASME B16.10
9. Flange dimensions in accordance to ASME B16.5 (2"-24"), ASME B16.47A (26" & above)
10. Options for resilient seat: EPDM, BUNA-N, NBR, VITON
11. Pressure class 150# up to 2500#.
12. Available end connections: RF, FF, RTJ, Wafer, Lug, Hub, BW.



Parts	Name	Material Example		
1	Body	A216 WCB	A351 CF8M	A890 4A
2	Disc Plate	A351 CF8M	A351 CF8M	A890 4A
3	Pin	SS316	SS316	A182 F51
4	Spring	Inconel X750	Inconel X750	Inconel X750
5	Bearing	SS316	SS316	A182 F51
6	Retainer lock	SS316	SS316	A182 F51
7	Seat	SS316+STL6	SS316+STL6	A182 F51+STL6
8	Pin Retainer	SS316	SS316	A182 F51
9	Eyebolt	CARBON STEEL	CARBON STEEL	CARBON STEEL

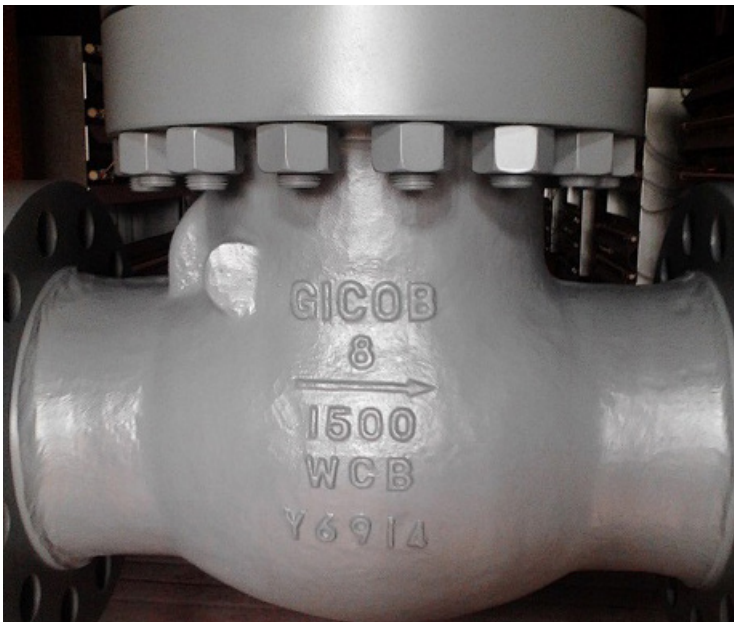
Available Body Materials Option			
1	A216 WCB	8	A182 F53
2	A352 LCB	9	A182 F316
3	A217 WC6	10	A955 4A
4	A217 WC9	11	A350 LF2
5	A217 C12	12	INCONEL
6	A351 CF8M	13	B148 C95800
7	A890 4A	14	SPECIAL ALLOY UPON REQUEST

12" & Above Class 150 to 900 Dimensions Retainerless Double Flange Connection



Nominal Dia.		Class ANSI	Flange L(RF) mm	RF Flange							Approx. Weight in kg
NPS inch	DN mm			D mm	Dn mm	D1 mm	D2 mm	f mm	b mm	z-φh no.-mm	
12"	300	150	181	483	305	320	432	6.4	31.75	12-25.4	66
12"	300	300	181	521	305	320	451	6.4	50.8	16-31.7	81
12"	300	600	229	559	300	300	489	6.4	66.55	20-35.1	115
12"	300	900	292	610	300	300	533.5	6.4	79.25	20-38.1	212
16"	400	150	191	597	387	400	540	6.4	35.1	16-28.4	102
16"	400	300	232	648	387	400	571.5	6.4	57.15	20-35	158
16"	400	600	305	686	385	385	603	6.4	76.2	20-41.1	261
16"	400	900	384	705	380	380	616	6.4	88.9	20-44.4	395
18"	450	150	203	635	438	438	578	6.4	39.6	16-31.75	124
18"	450	300	264	711	438	438	628.5	6.4	60.45	24-35	200
18"	450	600	362	743	435	435	654	6.4	82.6	20-44.5	365
18"	450	900	451	787	425	425	686	6.4	101.6	20-50.8	600
20"	500	150	219	699	495	495	635	6.4	42.9	20-31.75	150
20"	500	300	292	775	495	495	686	6.4	63.5	24-35	285
20"	500	600	368	813	487	487	724	6.4	88.9	24-44.5	453
20"	500	900	451	857	475	475	749.5	6.4	107.9	20-53.8	810
24"	600	150	222	813	595	595	749.5	6.4	47.8	20-35.1	203
24"	600	300	318	914	595	595	813	6.4	69.85	24-41.1	380
24"	600	600	438	940	589	589	838	6.4	101.6	24-50.8	705
24"	600	900	495	1041	570	570	901.5	6.4	139.7	20-66.55	1030
28"	700	150	381	927	685	685	863.6	6.4	65.1	28-34.9	380
28"	700	300	381	1035	685	685	939.8	6.4	79.4	28-44.5	586
28"	700	600	483	1075	685	685	965.2	6.4	111.2	28-54	995
28"	700	900	575	1168	670	670	1022.4	6.4	142.9	20-79.4	1490
30"	750	150	305	984	735	735	914.4	6.4	68.3	28-34.9	413
30"	750	300	368	1092	735	735	997	6.4	85.7	28-47.6	696
30"	750	600	505	1130	735	735	1022.4	6.4	114.3	28-54	1180
30"	750	900	635	1232	715	715	1085.8	6.4	149.3	20-79.4	1820

32" & above Please contact us for more details



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