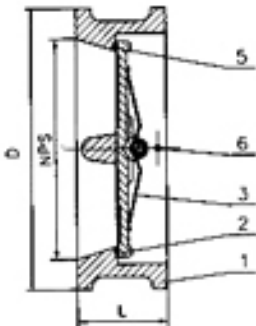


**Wafer Lift Check Valves**



**Wafer Double Disc  
Swing Check Valves**

## STANDARDS

Design and manufacture: API 594 and API 6D

Face to face dimensions: API 594 and API 6D (long sizes.)  
standard

Test: API 598.

## End flange dimensions

NPS 1-24: ANSI B 16.5

NPS 30-48: MSS SP-44 or API 605

## Type of connection

RF and RTJ flange ends to ANSI B16.5 or API 605 and  
MSS SP-44 standard.

DN NPS		CLASS 900					CLASS 1500					CLASS 2500				
		L		D		W(kg)	L		D		W(kg)	L		D		W(kg)
50	2	70	2.75	92	3.62	2.8	70	2.75	92	3.62	3.8	70	2.75	92	3.62	7
65	2 1/2	83	3.25	105	4.13	4.0	83	3.25	105	4.13	7.0	83	3.25	105	4.13	11
80	3	83	3.25	127	5.00	8.2	83	3.25	127	5.00	10.5	86	3.38	127	5.00	20.5
100	4	102	4.00	157	6.18	13	102	4.00	157	6.18	27.5	105	4.12	157	6.18	45.5
150	6	159	6.25	216	8.50	25	159	6.25	216	8.50	48.5	159	6.25	216	8.50	63.5
200	8	206	8.12	270	10.63	41	206	8.12	270	10.63	62	206	8.12	270	10.63	97
250	10	241	9.50	324	12.76	59	248	9.75	324	12.76	89	254	10.00	324	12.76	155
300	12	292	11.50	381	15.00	82	305	12.00	381	15.00	125	305	12.00	381	15.00	325
350	14	356	14.00	413	16.26	105	356	14.00	413	16.26	154	-	-	-	-	-
400	16	384	15.12	470	18.50	198	384	15.12	470	18.50	275	-	-	-	-	-
450	18	451	17.75	533	20.99	225	468	18.44	533	20.98	300	-	-	-	-	-
500	20	451	17.75	584	22.99	255	533	21.00	584	22.99	458	-	-	-	-	-
600	24	495	19.50	692	27.24	398	559	22.00	692	27.24	525	-	-	-	-	-

## MATERIAL LIST

NO.	Part Name	Carbon Steel		Alloy Steel			Stainless Steel			
		WCB	LCB	WC6	WC9	C5	CF8	CF8M	CF3	CF3M
1	Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Disc	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
3	Spring	AISI 6150		17-7PH stainless steel (Inconel for NACE standard)			Ni-CrAlloy			
4	Bush	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
5	Sealing face overlay	PTFE, 13Cr and 18Cr-8Ni or HF(Co-CrA)								
6	Pin	A182F6	A182F6	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L

The material is according to ASTM standard.