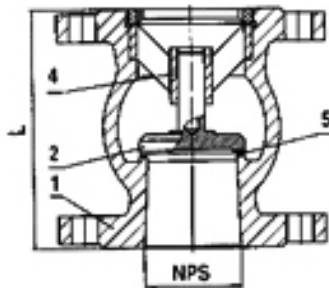




STANDARDS

Design and manufacture: API 594 and API 6D
 Face to face dimensions: API 594 and API 6D (long sizes.)
 standard
 Test: API 598.



Vertical Lift Check Valves

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.

Class 300																
DN	25	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
NPS	1	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	-	-	-
L(RF)	120.7	152.4	165.1	184.2	200	231.8	263.5	279.4	330.2	390.5	495.3	571.5	609.6	-	-	-
	4.8	6	6.5	7.3	7.9	9.1	10.4	11	13	15.4	19.5	22.5	24	-	-	-
W(kg)	10	19	25	35	47	60	89	147	230	335	552	701	898	-	-	-

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.