



STANDARDS

Design and manufacture: API 594 and API 6D

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

Test: API 598.

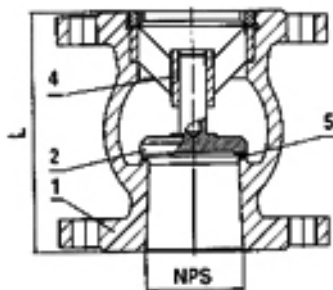
End flange dimensions

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.



Vertical Lift Check Valves

Type Vertical Lift Check Valves

Class 150																
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	18	20	24
L(RF)	114.3	146.1	158.8	177.8	190.5	216	241	254	304.8	355.6	457.2	533.4	571.5	609.6	609.6	711.2
	4.5	5.8	6.3	7.0	7.5	8.5	9.5	10	12	14	18	21	22.5	24	24	28
W(kg)	7	13	20	35	39	55	80	89	182	258	422	514	630	753	980	1340

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.