

# Nivz Valves & Automation

Lift Check Valve, For Horizontal Line (ASA)

DRG. No.: NLC15/30

00  
Rev. No.

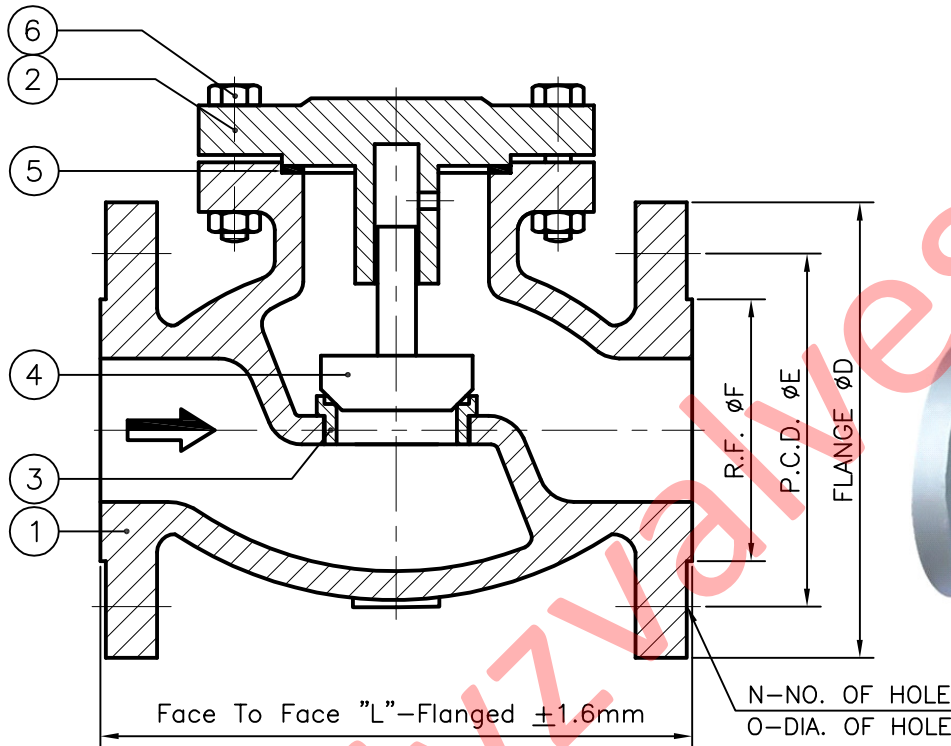
**FEATURES**

- \* Bolted Cover Design
- \* Renewable/Integral Seat Available
- \* Disc & Seat Stellite Hard Face [Optional]

Pressure Rating : 150 #  
 End Connection : Flanged End  
 Flange Drilling : AS ANSI B 16.5, Class 150  
 Face To Face : ANSI B 16.10

**Nomenclature:-**

NO.	PART NAME	MATERIAL
1	Body	CAST IRON/ASTM A 216 GR. WCB ASTM A 351 GR. CF 8/8M/3/3M
2	Cover	ASTM A 351 GR. CN 7M
3	Seat Ring	CA 15/AISI 410/304/316/304L/316L
4	Disc	CA 15/WCB+13% Cr. Face/ AISI/410/304/316/304L/316L/ALLOY20
5	Gasket	CAF/SP.WOUND/PTFE
6	Fasteners	C.S./B7/2H/S.S. 304/316



Design Standard : BS 1873/ASME B 16.34  
 Dimensions [150 Class]

SIZE	25	40	50	65	80	100	125	150	200	250	300
L	127	165	203	216	241	292	356	406	495	623	699
ØD	108	127	152.4	177.8	190.5	228.6	254	279	343	406	483
ØE	79.3	98.4	120.6	139.7	152.4	190.5	215.9	241.3	298.4	362.0	431.8
ØF	50.8	73	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	4	4	4	4	4	8	8	8	8	12	12
ØO	15.8	15.8	19	19	19	19	22.2	22.2	22.2	25.4	25.4

Testing Standard : BS 6755-I

Test Pressure in PSIG/BAR/KG/CM <sup>2</sup>		Hydrostatic							
Pr. Rating	150#	300#							
	C.I.	C.S/S.S.	C.S/S.S.	C.S/S.S.	C.S/S.S.	C.S/S.S.	C.S/S.S.		
Body	215	14.7	15	425	29.3	30	1125	77.5	79
Seat	142	9.8	10	300	20.7	21	825	56.8	58

Dimensions [300 Class]

SIZE	50	65	80	100	125	150	200	250	300
L	267	292	317	356	400	445	559	623	711
ØD	165.1	190.5	209.5	254	279.4	317.5	381	444.5	520.7
ØE	127	149.3	168.1	200.1	235	269.7	330.2	387.3	450.7
ØF	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	8	8	8	8	8	12	12	16	16
ØO	19	22.2	22.2	22.2	22.2	22.2	25.4	28.4	31.7

All Dimensions Are In mm



VALVES & AUTOMATION  
[www.nivzvalves.com](http://www.nivzvalves.com)

Client \_\_\_\_\_  
 Order / Enq. No. \_\_\_\_\_  
 Job / Project \_\_\_\_\_  
 Manufactured By : **Nivz Valves & Automation**, Ahmedabad, Gujarat, INDIA.

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice

Appd. \_\_\_\_\_

Chkd. \_\_\_\_\_

Drwn. \_\_\_\_\_

For Record

For Reference

For Approval