

# Nivz Valves & Automation

## Swing Check Valve, NRV

DRG. No.: **NSC15/30**

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Rev. No.

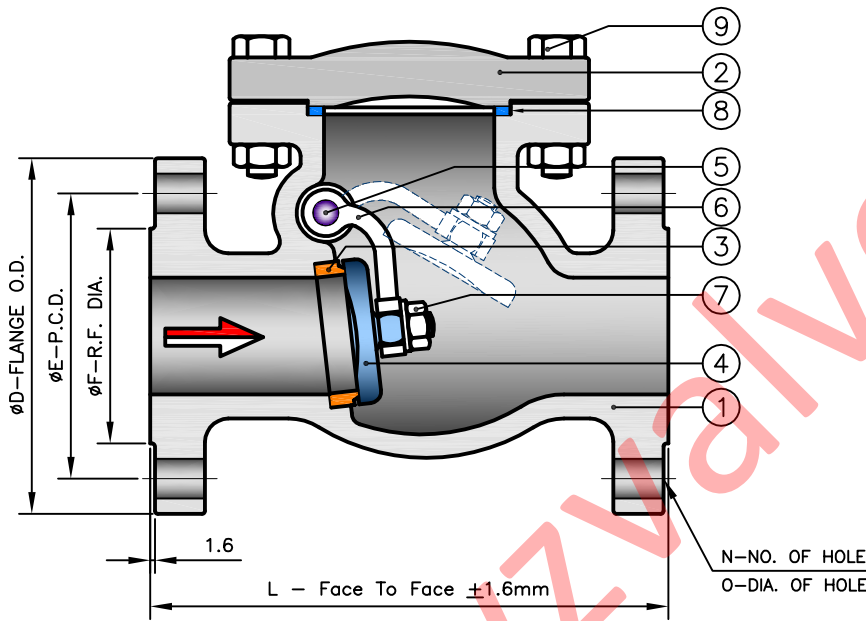
### FEATURES

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

Pressure Rating : 150 #/300#  
 End Connection : Flanged End  
 Flange Drilling : ANSI B 16.5, Class 150/300  
 Face To Face : ANSI B 16.10

### Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	IS 210 GR. FG 200/220/260 ASTM A 216 GR. WCB
2	Cover	ASTM A 351 GR. CF 8/8M/3/3M
3	Seat Ring	CA 15/AISI 410/304/316/304L/316L
4	Disc	CA 15/WCB+13% Cr. Face/ ASTM A 351 GR. CF 8/8M/3/3M
5	Hinge Pin	AISI 410/304/316
6	Hinge Lever	WCB/CF 8/8M/3/3M
7	Disc Lock Nut	C.S./2H/S.S. 304/316/304L/316L
8	Gasket	CAF/PTFE/SP. WOUND/GRAFOIL
9	Bolt & Nut	C.S./B7/2H/S.S. 304/316/304L/316L



### Design Standard : BS 1868/API 6D

#### Dimensions [150 Class]

SIZE	25	40	50	65	80	100	125	150	200	250	300
L	127	165	203	216	241	292	330	356	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
H	140	150	155	190	200	225	245	260	305	390	410

#### Dimensions [300 Class]

SIZE	50	65	80	100	125	150	200	250	300
L	267	292	317	356	400	445	533	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
H	430	475	535	605	715	845	1075	1255	1430

All Dimensions Are In mm

### Testing Standard : BS 6755-I

Test	Hydrostatic			
	150#		300#	
Pr. Rating	C.I.		C.S./S.S.	
MOC	215	14.7	15	425
Body	29.3	30	1125	77.5
Seat	79	79	825	56.8



VALVES & AUTOMATION

[www.nivzvalves.com](http://www.nivzvalves.com)

Client \_\_\_\_\_

Enq./Order No. \_\_\_\_\_

Job / Project \_\_\_\_\_

Manufactured By : **Nivz Valves & Automation**, Ahmedabad, Gujarat, INDIA.

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

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

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

For Record

For Reference

For Approval