

Nivz Valves & Automation

Wafer Check Valve, NRV, Flangeless

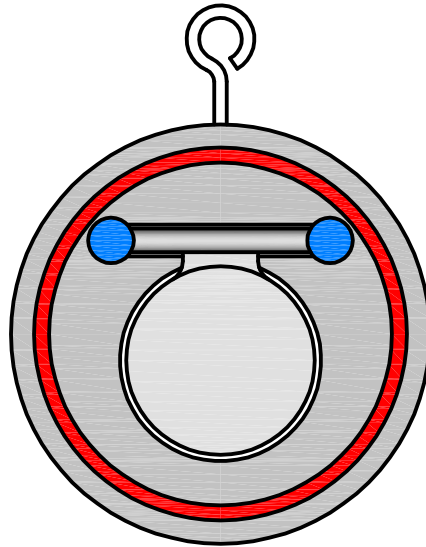
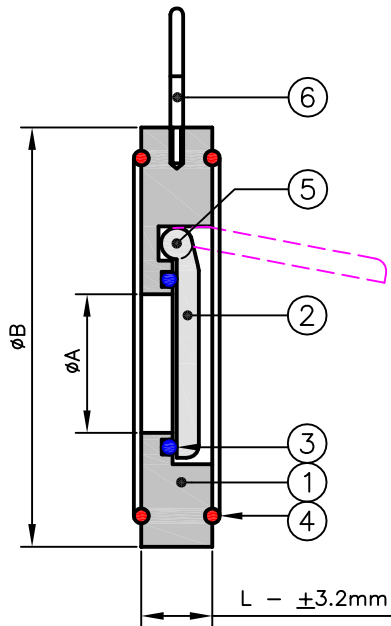
DRG. No.: NWC10/16/25

00
Rev. No.

Pressure Rating : PN 10/PN 16
End Connection : Wafer, Sandwich Type, Flangeless
Valve Mounting : Suitable Between Class 150/PN 10/PN 16/
BS 10 Table D/E/F Flanges
Face To Face : API 6D/ANSI B 16.10 (Short Pattern)

Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	CAST IRON/DUCTILE IRON/MS-IS 2062/ ASTM A 216 GR. WCB ASTM A 351 GR. CF 8/8M/3/3M
2	Disc	MS/C.S./S.S. 304/316/304L/316L
3	Seat "O" Ring	NITRILE/NEOPRENE/EPDM/NBR/BUNA-N/
4	Gasket "O" Ring	VITON/SILICON
5	Hinge Pin	C.S./S.S. 304/316/304L/316L
6	Lifting Hook	C.S./S.S. 304



Design Standard : API 6D/ANSI B 16.10 (Short Pattern)

Dimensions [150 Class]

SIZE	25	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	
L	16	19	19	19	19	19	19	19	28.5	28.5	38	44.5	51	60.5	63.5	70	
phi A	14	22	30	40	52	71	93	114	157	195	230	270	310	360	406	490	
phi B	PN10	72	93	108	128	143	163	193	219	274	329	379	438	489	538	593	695
	PN16	72	93	108	128	143	163	193	219	274	329	385	444	496	555	696	799
	BS10-D	69	86	97	110	129	161	193	218	274	335	385	446	496	559	616	727
	BS10-E	69	86	97	110	129	161	193	215	274	335	383	446	496	559	616	724
150#	64	86	104	123	136	174	196	221	278	339	409	449	512	545	605	714	

Testing Standard : API6D/API 598

Test Pressure in PSIG/BAR/KG./CM ²					
Test	Hydrostatic				
	PN10		PN16		
Pr. Rating					
Body	213	14.7	15	341	23.9 24
Seat	142	9.8	10	230	15.7 16



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

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Appd. _____

Chkd. _____

Drwn. _____

For Record

For Reference

For Approval