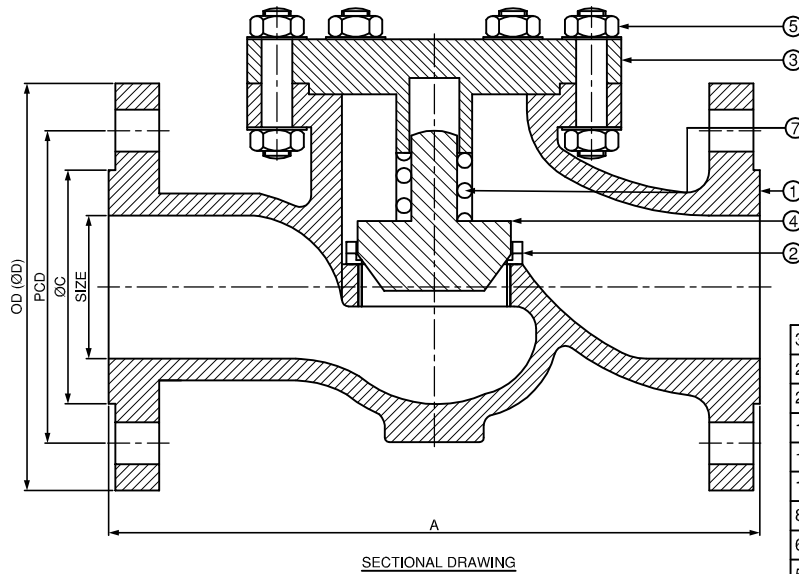


Non Return Valve (Lift Up Type)



REFERENCE

- **Mfg Standard** : ANSI B 16.34 / BS1868
- **Testing Standard** : API 598 / BS 5146
- **Face to Face Dimensions** : ANSI B 16.10.
- **Flange Drilling** : ANSI B 16.5 R.F.
- **Pressure Rating Class** : 150#, 300#
- **Shell Wall Thickness** : ANSI B 16.34



300	711.0	50.8	381	520.5	31.8	16	450.9
250	622.0	47.8	323.9	444.5	25.4	16	387.4
200	533.0	41.1	269.7	381.0	22.4	12	330.2
150	444.5	36.6	215.9	317.5	22.4	12	269.7
125	400.0	34.5	186.7	279.4	22.4	8	234.9
100	356.0	31.8	157.2	254.0	22.4	8	200.2
80	317.5	28.4	127	209.5	22.4	8	168.1
65	292.0	25.4	104.6	190.5	22.4	8	149.4
50	267.0	22.4	91.9	165.0	19.1	8	127.0
40	241.5	20.6	73.2	155.5	22.4	4	114.3
25	203.0	17.5	51.0	124.0	19.0	4	89.0
SIZE	A	B	ØC	ØD	ØM	N	PCD

CLASS 300 DIMENSIONS

300	699	32.0	381	483.0	25	12	432.0
250	622	30.0	324	406.0	25	12	368.0
200	495	28.5	270	343.0	22	8	298.0
150	356	25.0	216	279.0	22	8	241.0
125	356	23.8	185.7	254.0	22	8	216.0
100	292	24.0	157	229.0	19	8	190.5
80	241	24.0	127	190.5	19	4	152.4
65	216	22.3	105	178.0	19	4	140.0
50	203	19	92	152.0	19	4	120.5
40	165	17.5	73	127.0	16	4	98.5
25	127	14.2	51	108.0	16	4	79.0
SIZE	A	B	ØC	ØD	ØM	N	PCD

CLASS 150 DIMENSIONS

7	SPRING	SPRING STEEL (EN 42),CASTEEL ZINC COATED	1
6	GASKET	COMPRESS ASBESTOS FIBER / SPIRAL WOUND METALIC GASKET	1
5	STUD WITH NUT	ASTM A 194 Gr 2H / ASTM A 193 Gr B7	1
4	DISC	AISI SS 410 (13% CR)	1
3	COVER	ASTM A 216 GR.WCB	1
2	SEAT RING	AISI SS 410 (13% CR)	1
1	BODY	ASTM A 216 GR.WCB	1
SR.NO	DESCRIPTION	MATERIAL	QTY.

CLASS	R.F.
150	1.6mm
300	1.6mm

TESTING PRESSURE

CLASS	HYDROSTATIC		PNEUMATIC TEST
	BODY	SEAT	
150	30kg/cm ²	22kg/cm ²	6kg/cm ²
300	76kg/cm ²	55kg/cm ²	6kg/cm ²
600	150kg/cm ²	110kg/cm ²	6kg/cm ²

- Size : DN25 to DN300
- Max Working Pr. : 40 Barg
- Temperature : -20°C to 400°C
- Seat : Metal Seat
- Application : Steam / Gas / Air / Liquid / Chemical

* While inquiry please specify : Pressure
: Application
: Temperature

SURFACE FINISH	
SYMBOL	MICRONS
▽	8.25
▽▽	1.6-8.25
▽▽▽	0.025-1.6
▽▽▽▽	0.025

HEW HARSHAD ENGINEERING WORKS.

S-121/124, Vivekanand Estate, Rakhial, Ahmedabad

MODEL:	ASSEMBLY DRAWING OF NON RETURN VALVE (LIFT UP TYPE)	DATE:	15.09.2013
SIZE:-	Qty:-	Mat:-	DRN. Hitesh
DRG. NO / PART NO. :		CHD. Divyesh	
		APPD. H.B.Panchal	
		REV/00	SCALE: N T S / A4

OVER	-	6	30	120	315
UP TO	6	30	120	315	1000
TOL	±0.1	±0.2	±0.3	±0.5	±0.8

Due to continuous product development for better quality we reserve right to change Design, Dimension & Material.