

LIFT TYPE CHECK VALVE (FLANGED END)

SIZES: DN25 TO DN250

ND16 | ND40



FEATURES

- The valve is opened via fluid force when it is at closed position and it is closed via expander force when system pressure decreases.
- Valve can be used in horizontal and vertical position due to the sealing is achieved by the spring.
- Valve is designed with focus on easy access to maintenance.
- By unscrewing a few bolts the bonnet assembly including hinge and disc can be removed from the body, and maintenance can be performed.
- Lift type check valve is equipped with a spring to ensure that the disc is always in a dynamic equilibrium state under the action of the spring.
- Regardless of the medium pressure at the inlet of the valve, the valve can maintain a balanced operation.
- The body coated with wet epoxy paint as standard. It can be coated with fusion-bonded epoxy if required.
- The disc, valve stem, and the hand wheel are the moving parts in the valve body.

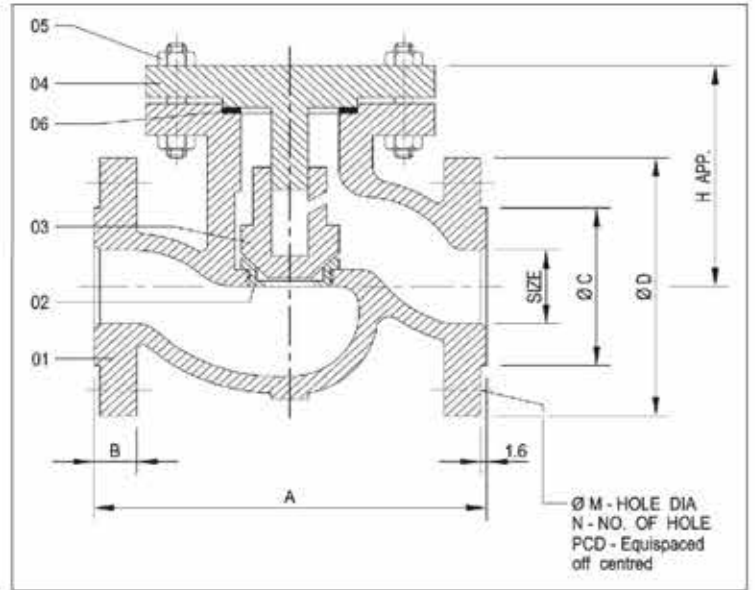
ISO 9001:2015

BUREAU VERITAS
Certification



TECHNICAL DATA:

MANUFACTURING STANDARD	: BS 1873
TESTING & INSPECTION STANDARD	: API 598
FACE TO FACE	: DIN ND-16 / ND-40
END CONNECTION	: DIN 2533 / 2543 / 2535 2545 / BS 1560
SHELL WALL THICKNESS	: ASME B16.34



NO	DESCRIPTION	MATERIAL	QTY
1	BODY	ASTM A216 Gr.WCB	1
2	SEAT RING	AISI SS410	1
3	DISC	AISI SS410	1
4	COVER	ASTM A216 Gr.WCB	1
5	COVER STUD & NUT	ASTM A193 Gr.B7	----
		ASTM A194 Gr.2H	
6	GASKET	COMPRESSED ASBESTOS FIBRE	1

SIZE		A	B	ØC	ØD	H	ØM	N	PCD
In.	mm								
1"	25	160	18	68	115	88	14	4	85
1 ½"	40	200	20	68	150	105	18	4	110
2"	50	230	20	102	165	118	18	4	125
2 ½"	65	290	22	122	185	128	18	8	145
3"	80	310	24	138	200	140	18	8	160
4"	100	350	26	162	235	158	22	8	190
5"	125	400	28	188	270	175	26	8	220
6"	150	480	30	218	300	195	26	8	250
8"	200	600	34	285	375	243	30	12	320
10"	250	730	42	345	450	334	33	12	385

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

HYDRAULIC TEST PRESSURE			
STANDARD	BODY	SEAT	AIR
ND16	32 kg/cm ²	16 kg/cm ²	6 kg/cm ²
	464 PSIG	232 PSIG	80 PSIG
ND40	80 kg/cm ²	40 kg/cm ²	6 kg/cm ²
	1160 PSIG	586 PSIG	80 PSIG

PRIMARY SERVICE RATING & TEMPERATURE		
ND16	16 kg/cm ²	220°C
ND40	40 kg/cm ²	440°C

REGISTERED FACTORY AND OFFICE
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FOR FURTHER DETAILS, VISIT OUR WEBSITE

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