



innovations with a "difference"

SINGLE WAFER CHECK VALVE

Specifications & feature:

Light Weight.
 Easily Installed.
 Bonded Resilient seat option.
 Extremely Compact.
 Tight Shut-Off.
 Radiography clear disc and shaft welded for best strength.
 Economical.
 One moving Part.
 Low maintenance.
 Interchangeable disc design.

Applications:

Wafer check Valve suitable for Water and Oil.

Design standard: IS-13095, BS-5155



ARTICLE NO. : LPV 1031,1032



EXPLODE VIEW

HYDRO TEST DETAIL

DN	40-300	
NOMINAL PRESSURE MPa	1.0 MPa	1.6 MPa
SHELL TEST MPa	1.5 MPa	2.4 MPa
SEAT TEST MPa	1.1 MPa	1.76 MPa
WORKING TEMPERATURE	20°C to 200°C	
MEDIUM	Water, Waste Water	
MATERIAL	Ductile Iron	
PNEUMATIC SEAT TEST	0.7 MPa	

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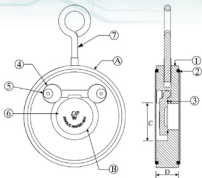


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Materials of Construction:

S.No.	PART NAME	No. Of	MATERIAL
1.	BODY	1	M.S.
2.	OUTER RING	2	EPDM
3.	INNER RING	1	EPDM
4.	WASHER	2	S.S.
5.	SCREW	2	S.S.
6.	DISC	1	S.S./M.S.
7.	L-BOLT	1	M.S.



Size/ Dimensions

Inches	mm	A	B	C	D
1	25	69	21	14	16
1 1/4	32	73	26	18	16
1 1/2	40	86	32	22	19
2"	50	97	41	30	19
2 1/2	65	110	50	40	19
3"	80	130	62	50	19
4"	100	160	84	70	19
5"	125	192	107	92	19
6"	150	216	128	112	19
8"	200	273	172	157	28
10"	250	336	213	195	28
12"	300	385	250	230	31
14"	350	445	310	275	40
16"	400	496	352	320	40



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