



Dimensions [150 Class]

SIZE (mm)	15	20	25	40	50	65	80	100	150
SIZE (Inch)	½"	¾"	1"	1½"	2"	2½"	3"	4"	6"
L	108	118	127	159	190	216	254	305	406
ØD	12	19	25	38	50	65	75	100	150
O.D. ØD	90	100	110	125	150	180	190	230	280
P.C.D. ØK	60.5	70.0	79.2	98.5	120.6	139.7	152.4	190.5	241.3
R.F.DIA. ØRF	35.0	43.0	50.8	73.0	92.1	104.7	127.0	157.2	215.9
NO. OF HOLE N	4	4	4	4	4	4	4	8	8
HOLE DIA. ØH	15.8	15.8	15.8	15.8	19	19	19	19	22

(Unspecified Tolerance as per relevant standard)

DESIGN DATA

DESIGN STANDARD	BS EN 13397 (BS 5156)	PRESSURE TESTING	
SHELL DESIGN	ASME B 16.34	HYDRO BODY	YES @ 15.0 KG/CM2
FLANGED END	ASME B 16.5, 150#	HYDRO SEAT	YES @ 11.0 KG/CM2
FACE TO FACE	BS EN 558-1, SERIES 7	PENUMATIC SEAT	YES @ 6.0 KG/CM2
PROCESS FLOW MEDIA	***	SPARK TEST	YES @ 15 KV DC
PRESS.	DESIGN OPERATING	NACE	Not Applicable
TEMP.	DESIGN OPERATING	NDE/DPT/RT	Not Applicable
PAINTING	PROCEDURE COLOR	RECOMMENDED SPARE PARTS	DIAPHRAGM
LEAKAGE CLASS	MANUFACTURER STD. MANUFACTURER STD. CLASS VI	LINING THICKNESS	TAG. NO. : *** 3.0MM Minimum
			QTY. :

VARIOUS TYPES OF LINING OPTIONS

FEP (ASTM D 2116) - Fluorinated Ethylene Propylene			
PFA (ASTM D 3307) - Perfluoroalkoxy			
ETFE (ASTM D 3159) - Ethylene Tetrafluoroethylene			
PTFE (ASTM D 4892) - Polytetrafluoroethylene			
PVDF (ASTM D 3322) - Polyvinylidene Fluoride			
PP (ASTM D 4101) - Polypropylene			
HDPE - High Density Poly Ethylene			
OTHERS - On Request			

NO.	ITEM	MATERIAL
8	FASTENERS	S.S.
7	HAND WHEEL	DUCTILE IRON
6	SPINDLE	S.S. 304
5	DIAPHRAGM	PTFE BACKED NEOPRENE RUBBER
4	LINING	FEP / PFA
3	COMPRESSOR	FEP / PFA
2	BONNET	A 216 GR WCB (CARBON STEEL)
1	BODY	A 395 (DUCTILE IRON)

PTFE LINED "A" WEIR TYPE DIAPHRAGM VALVE, FLANGED END, 150#

Client:	<input checked="" type="checkbox"/> For Reference
	<input type="checkbox"/> For Approval
Manufacturer:	<input type="checkbox"/> For Record
Ahmedabad, Gujarat, INDIA.	<input type="checkbox"/> PROJECTION
www.bflonpflinedvalves.com	

ENQ. NO. :	REV. NO. : RO	DATE : 01/01/2021
DRG. NO. : LDFVA	SCALE : NTS	



6
5
4
3
2
1

A B C D E F

6
5
4
3
2
1

All Dimensions Are In MM
*** Data Not Provide By Client
+++ For Vacuum Service Please Clear At Enquiry Stage
Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice