



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	165	178	192	203	229	267
Ød	12	19	25	38	50	65	75	100	150
L1	250	250	250	300	450	450	470	600	GEAR
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	API 599 / BS 5158	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	ASME B 16.10	PENUMATIC SEAT	YES @ 6.0 KG/CM2
PROCESS FLOW MEDIA	***	SPARK TEST	YES @ 15 KV DC
PRESS. DESIGN	*** KG/CM2	NACE	Not Applicable
OPERATING DESIGN	*** KG/CM2	NDE/DPT/RT	Not Applicable
TEMP. OPERATING	*** °C	PMI	Not Applicable
PAINTING PROCEDURE	MANUFACTURER STD.	RECOMMENDED SPARE PARTS	
COLOR	MANUFACTURER STD.	GASKET	METAL SHIM
LEAKAGE CLASS	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
13	FASTENERS	S.S.
12	HANDLE ROD	M.S.
11	HANDLE SOCKET	WCB
10	PUSHER BOLT & NUT	S.S.
9	GASKET BACKUP	PTFE
8	GASKET	PTFE
7	GRUB SCREW	S.S.
6	DIAPHRAGM BACKUP	S.S.
5	DIAPHRAGM	PTFE
4	LINING (BODY+PLUG)	FEP/PFA
3	TOP & BOTTOM COVER	FEP/PFA
2	PLUG	A 216 GR WCB (CARBON STEEL)
1	BODY	A 395 (DUCTILE IRON)

PTFE LINED PLUG VALVE, FLANGED END, 150#, LEVER OPERATED

Title: _____

Client: _____

Manufacturer: **BFLON LINED VALVES**
 Ahmedabad, Gujarat, INDIA.
 www.bflonpflinedvalves.com

For Reference
 For Approval
 For Record

PROJECTION

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