



Dimensions [150 Class]

SIZE (mm)	25	40	50	65	80	100	150	200	250	300
SIZE (inch)	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
L	127	165	178	192	203	229	267	292	330	356
Ød	25	38	50	65	75	100	150	200	250	300
O.D. ØD	110	125	150	180	190	230	280	345	405	485
P.C.D. ØK	79.2	98.5	120.6	139.7	152.4	190.5	241.3	298.4	362	431.8
R.F.DIA. ØRF	50.8	73.0	92.1	104.7	127.0	157.2	215.9	269.9	323.8	381
NO. OF HOLE N	4	4	4	4	4	8	8	8	12	12
FLANGE DIA. ØH	15.8	15.8	19	19	19	19	22.2	22.2	25.4	25.4

(Unspecified Tolerance as per relevant standard)

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

**DESIGN DATA**

DESIGN STANDARD	API 600	PRESSURE TESTING
SHELL DESIGN	API 600/ASME B 16.34	HYDRO BODY YES @ 10.0 KG/CM2
FLANGED END	ASME B 16.5, 150#	HYDRO SEAT YES @ 10.0 KG/CM2
FACE TO FACE	ASME B 16.10	PNEUMATIC SEAT Not Applicable
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
LEAKAGE CLASS	CLASS VI	LINING THICKNESS
		3.0MM Minimum
		TAG. NO. : ****
		QTY. : .....

**VARIOUS TYPES OF LINING OPTIONS**

FEP (ASTM D 2116) - Fluorinated Ethylene Propylene		
PFA (ASTM D 3307) - Perfluoroalkoxy Alkane		
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	B7 / ZH
12	HAND WHEEL NUT	CARBON STEEL
11	HAND WHEEL	S.S. 304
10	BONNET NUT	S.G. IRON
9	BONNET	CARBON STEEL
8	SPINDLE NUT	S.G. IRON
7	SPINDLE	CARBON STEEL
6	GLAND FLANGE	S.S. 304
5	GLAND BUSH	A 351 GR CF8 / CF3
4	GLAND PACKING	PTFE
3	GASKET	PTFE
2	BODY+BONNET LINING	FEP / PFA
1	WEDGE WITH SPINDLE BONNET BODY	A 216 GR WCB (CARBON STEEL)
		A 351 GR CF8/CF3 (SS 304 / 304L)
		A 351 GR CF8M/CF3M (SS 316 / 316L)

**PTFE LINED GATE VALVE, FLANGED END, 150#, HAND WHEEL OP.**

Title: \_\_\_\_\_

Client: \_\_\_\_\_

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

ENQ. NO. : \_\_\_\_\_

REV. NO. : RO

SCALE : NTS

DATE : 01/01/2021

For Reference  
 For Approval  
 For Record  
 PROJECTION