



Dimensions [150 Class]

SIZE (mm)	15	20	25	40	50	65	80	100	150	200	250
SIZE (Inch)	½"	¾"	1"	1½"	2"	2½"	3"	4"	6"	8"	10"
L	108	118	127	165	178	229	203	229	406	495	622
Ød	12	19	25	38	50	65	75	100	150	200	250
ØD	90	100	110	125	150	180	190	230	280	280	280
P.C.D. ØK	60.5	70.0	79.2	98.5	120.6	139.7	152.4	190.5	241.3	241.3	241.3
R.F.DIA. ØRF	35.0	43.0	50.8	73.0	92.1	104.7	127.0	157.2	215.9	215.9	215.9
NO. OF HOLE N	4	4	4	4	4	4	4	4	8	8	8
FLANGE HOLE DIA. ØH	15.8	15.8	15.8	15.8	19	19	19	19	22	22	22

(Unspecified Tolerance as per relevant standards)

DESIGN DATA

DESIGN STANDARD	ASME B 16.34	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 Up to 4"	PNEUMATIC 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
LEAKAGE CLASS	CLASS VI	SOLID BALL
		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
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
4	BODY JOINT FASTENERS	S.S.
3	BODY LINING	FEP / PFA
2	BALL	SOLID PTFE
1	BODY	A 216 GR WCB (CARBON STEEL)
		A 395 (DUCTILE IRON)
		A 351 GR CF8/CF3 (SS 304 / 304L)
		A 351 GR CF8M/CF3M (SS 316 / 316L)

PTFE LINED BALL TYPE CHECK VALVE (NRV), FLANGED END, 150#

Title: _____

Client: _____

Manufacturer: **BFILON LINED VALVES**

Ahmedabad, Gujarat, INDIA.
www.bfilonptfelinedvalves.com

For Reference
 For Approval
 For Record

PROJECTION

REV. NO. : R0 DATE : 01/01/2021
 SCALE : NTS

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