



Dimensions [150 Class]

SIZE (mm)	40	50	80	100	150	200	250	300
SIZE (inch)	1½"	2"	3"	4"	6"	8"	10"	12"
A	30	35	46	52	56	60	68	78
ØB	20	30	42	65	111	133	184	232
ØC	35	52	64	80	128	175	224	272
ØD	70	90	124	152	207	260	317	367
ØE	95	110	142	180	233	295	348	398

(Unspecified Tolerance as per relevant standard)

**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 @ 2.0 KG/CM2
FACE TO FACE	ASME B 16.10/BS EN 593	PENUMATIC SEAT Not Applicable
PROCESS FLOW MEDIA	***	SPARK TEST YES @ 15 KV DC
PRESS. DESIGN	*** KG/CM2	NACE Not Applicable
OPERATING DESIGN	*** °C	NDE/DPT/RT Not Applicable
TEMP. OPERATING	*** °C	PMI Not Applicable
PAINTING PROCEDURE	MANUFACTURER STD.	RECOMMENDED SPARE PARTS
COLOR	MANUFACTURER STD.	SOLID BALL
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
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

**SEAT LEAKAGE RATE**

As Per Leakage Rate D  
 At 0 to 40 psi ΔP : 5-10 cc/Min.  
 At 41 to 74 psi ΔP : 3-5 cc/Min.  
 At 75 & above psi ΔP : 0 cc/Min.

**INSTALLATION/MOUNTING** : Suitable To Mount In-Between Two Flanges of ASME B 16.5, 150#  
**BODY TYPE** : Flangeless, Wafer Type, Sandwich Pattern

NO.	ITEM	MATERIAL
4	LIFTING HOOK	C.S.
3	BODY+DISC LINING	FEP / PFA
2	DISC	A 216 GR WCB
1	BODY	A 216 GR WCB (CARBON STEEL)

**PTFE LINED WAFER TYPE SWING CHECK VALVE (NRV), 150#**

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

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

For Reference

For Approval

For Record

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

REV. NO. : RO

DATE : 01/01/2021

SCALE : NTS

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

DRG. NO. : LBCHV

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