

Nivz Valves & Automation

Ball Valve, 3Pc Design, Full Bore, 150#

DRG. No.: FXV51

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Rev. No.

FEATURES

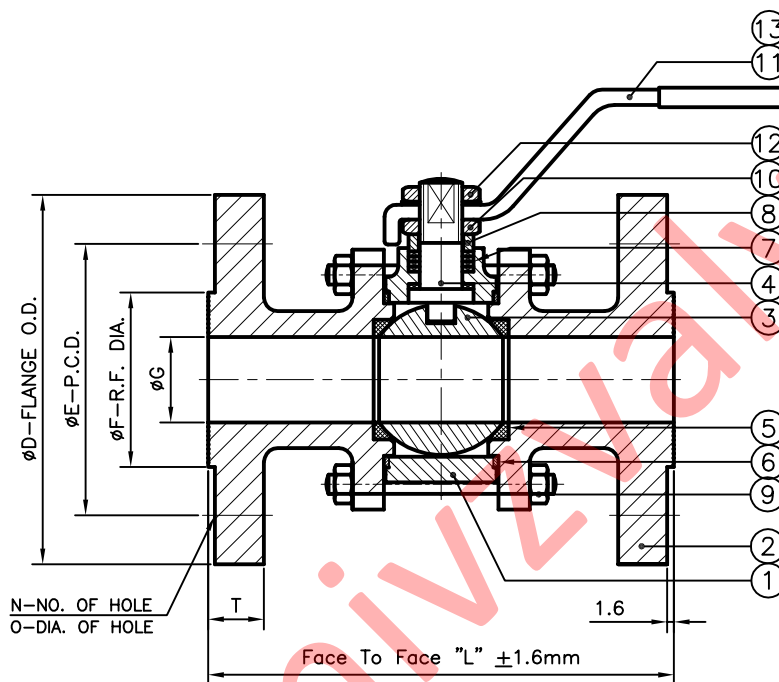
- * Fire Safe Design [Optional]
- * Low Operating Torque
- * Leak Tight Stem Sealing
- * Pneumatic/Gear Operation Optional

Pressure Rating : 150 #
End Connection : Flanged End, RF
Flange Drilling : As Per ANSI B 16.5, Class 150
Face To Face : As Per ANSI B 16.10
Operation : Manual Hand Lever Operated

Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	A 216 GR. WCB
2	Side Piece	A 351 GR. CF8/CF8M/CF3/CF 3M
3	Ball	AISI 304/316/304L/316L/CF8/8M/3/3M Solid Ball Up To 20NB & Above Hollow Ball
4	Stem	AISI 304/316/304L/316L
5	Ball Seat	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
6	Body Seal	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
7	Gland Seal	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
8	Gland Bush	AISI 304/316/304L/316L
9	Stud & Nut	C.S./B7/2H/S.S. 304/316
10	Gland Nut	C.S./194 GR. 2H/S.S. 304/316
11	Hand Lever	CARBON STEEL/S.S.
12	Hand Lever Nut	C.S./194 GR. 2H/S.S. 304/316
13	Lever Sleeve	P.V.C.

Note: In WCB Material Construction Valve, Body will be made from Investment Casting and Side Piece from Sand Casting.



Testing Standard : BS EN 12266 I/
API 607

Test Pressure in PSIG/BAR/KG./CM ²						
Test	Hydrostatic			Air		
Pr. Rating	150#					
Body	425	29.3	30			
Seat	300	20.7	21	80	5.5	5.6

Design Standard : BS EN ISO 17292

Dimensions [150 Class]

SIZE	15	20	25	32	40	50	65	80	100	150
L	107.9	117.3	127	139.7	165.1	177.8	190.5	203.2	228.6	267
G	12.5	19	25	32	38	50	63	75	100	150
ØD	89.0	98.5	108.0	117.3	127.0	152.4	177.8	190.5	228.6	279
ØE	60.5	70.0	79.25	88.9	98.55	120.6	139.7	152.4	190.5	241.3
ØF	35.0	43.0	50.8	63.5	73.0	92.1	104.7	127.0	157.2	215.9
N	4	4	4	4	4	4	4	4	8	8
ØO	15.8	15.8	15.8	15.8	15.8	19	19	19	19	22
T	9.6	10.4	11.1	14.2	12.7	15.4	16	16.5	19	25.4

All Dimensions Are In mm



VALVES & AUTOMATION
www.nivzvalves.com

Client _____

Order / Enq. No. _____

Job / Project _____

Manufactured By : **Nivz Valves & Automation**, Ahmedabad, Gujarat, INDIA.

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice