

Nivz Valves & Automation

Ball Valve, 3Pc Design, Full Bore, 300#

DRG. No.: FXV03

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Rev. No.

FEATURES

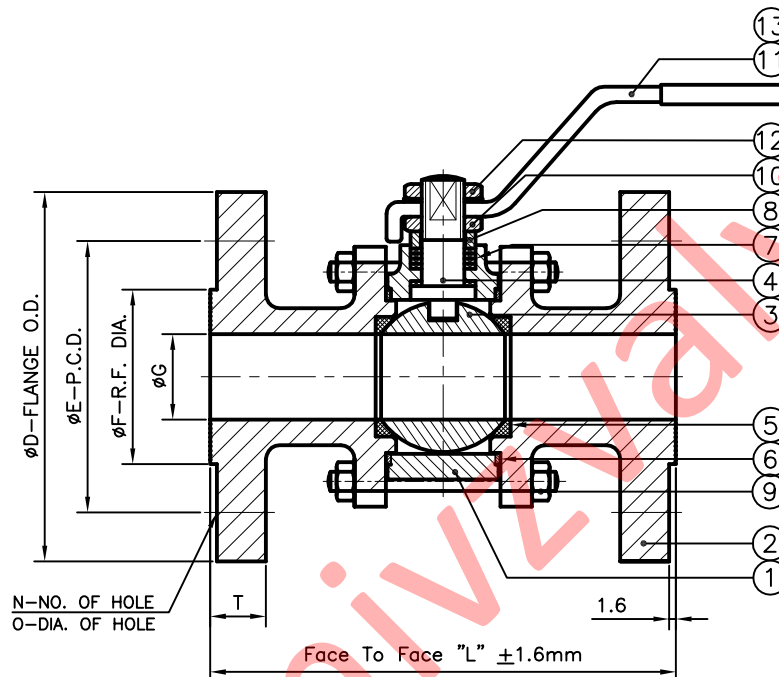
- * Fire Safe Design [Optional]
- * Low Operating Torque
- * Leak Tight Stem Sealing
- * Pneumatic/Gear Operation Optional

Pressure Rating : 300 #
End Connection : Flanged End, RF
Flange Drilling : As Per ANSI B 16.5, Class 300
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.



Design Standard : BS EN ISO 17292

Dimensions [300 Class]

SIZE	15	20	25	40	50	65	80	100	150
L	139.7	152.4	165.1	190.5	215.9	241.3	282.4	304.8	403.3
G	12.5	19	25	38	50	63	75	100	150
ØD	95.2	117.3	124	155.4	165.1	190.5	209.5	254	317.5
ØE	66.5	82.55	88.9	114.3	127	149.3	168.1	200.1	269.7
ØF	35.0	43.0	50.8	73.0	92.1	104.7	127.0	157.2	215.9
N	4	4	4	4	8	8	8	8	12
ØO	15.8	19	19	22	19	22	22	22	22
T	14.2	15.75	17.5	20.57	22.35	25.4	28.44	31.75	36.57

All Dimensions Are In mm

Testing Standard : BS EN 12266 I/
API 607

Test Pressure in PSIG/BAR/KG./CM ²						
Test	Hydrostatic			Air		
	Pr. Rating	300#				
Body	1125	77.5	79			
Seat	825	56.8	58	80	5.5	5.6



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