

Nivz Valves & Automation

Ball Valve, 1Pc Design, Regular Bore, 150#

DRG. No.: X1P15

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Rev. No.

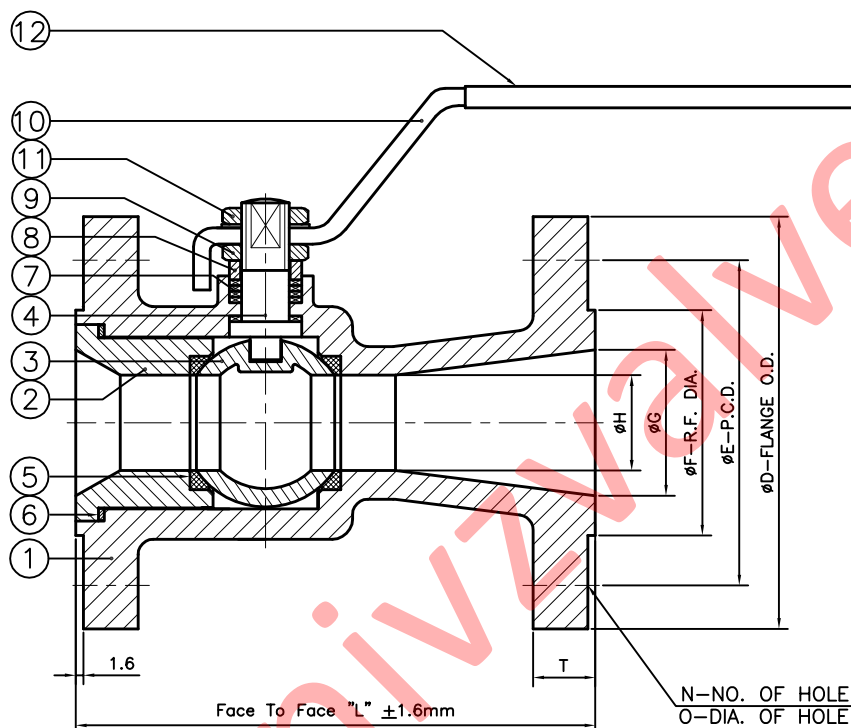
FEATURES

- * 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	Insert	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	Gland Nut	C.S./194 GR. 2H/S.S. 304/316
10	Hand Lever	CARBON STEEL/S.S.
11	Hand Lever Nut	C.S./194 GR. 2H/S.S. 304/316
12	Lever Sleeve	P.V.C.



Design Standard : BS 5351

Dimensions [150 Class]

SIZE	25	40	50	65	80	100
L	127	165.1	177.8	192	203	229
ØG	25	38	50	63	75	100
ØH	12.7	25	38	50	63	75
ØD	108.0	127.0	152.4	177.8	190.5	228.6
ØE	79.2	98.5	120.6	139.7	152.4	190.5
ØF	50.8	73.0	92.1	104.7	127.0	157.2
N	4	4	4	4	4	8
ØO	15.8	15.8	19	19	19	19
T	11.1	14.3	15.5	17.7	19	23.3

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	150#					
Body	425	29.3	30			
Seat	300	20.7	21	80	5.5	5.6

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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