

Nivz Valves & Automation

Jacketed Ball Valve

DRG. No.: FJK80

00

Rev. No.



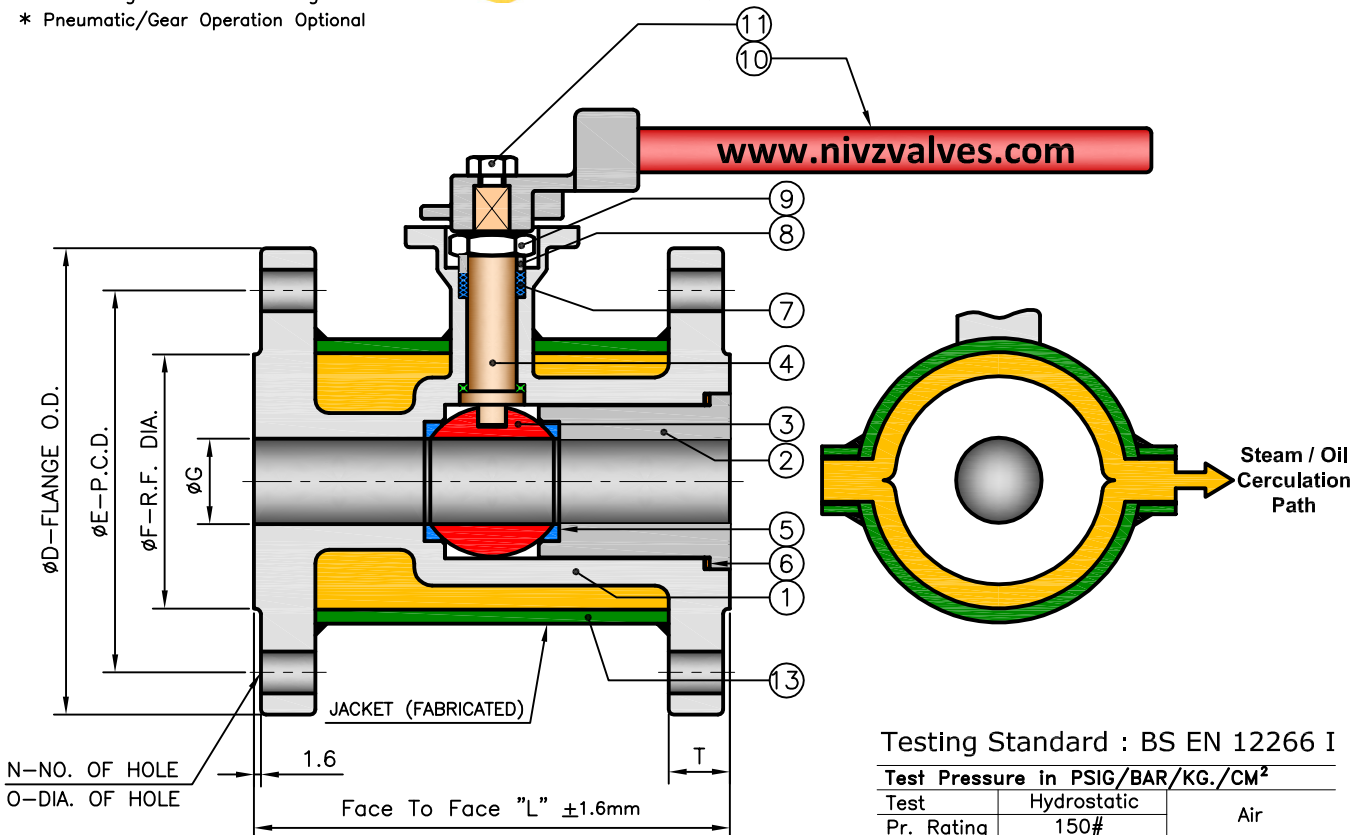
Nomenclature:-

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 15x25 & 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.
13	Jacket (Fabricated)	M.S./S.S. 304/316
14	Coupling	C.S./S.S. 304/316

FEATURES

- * 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



Design Standard : BS EN ISO 17292/

Dimensions [150 Class] ASME B 16.34

SIZE	15x25	25x40	25x50	40x65	50x80	65x100	80x100	100x150	150x250
L	107.9	165	178	190.5	203	229	229	267	292.1
G	12.5	25	25	38	50	63	75	100	150
Drilling Details									
∅D	108.0	127.0	152.4	177.8	190.5	228.6	228.6	279.0	406.4
∅E	79.2	98.5	120.6	139.7	152.4	190.5	190.5	241.3	361.9
∅F	50.8	73.0	92.1	104.7	127.0	157.2	157.2	215.9	323.8
N	4	4	4	4	4	8	8	8	12
∅O	15.8	15.8	19	19	19	19	19	22	25.4
T	11.1	14.3	15.8	17.7	19	23.8	23.8	25.4	30.2

All Dimensions Are In mm

Testing Standard : BS EN 12266 I

Test	Hydrostatic			Air		
	Pr. Rating	150#				
Body	425	29.3	30			
Seat	300	20.7	21	80	5.5	5.6
Jacket Test	80	5.5	5.6			



VALVES & AUTOMATION

www.nivzvalves.com

For Approval
 For Reference
 For Record

Client _____

Order / Enq. No. _____

Job / Project _____

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

Do Not Copy Drawing

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

©COPYRIGHT