

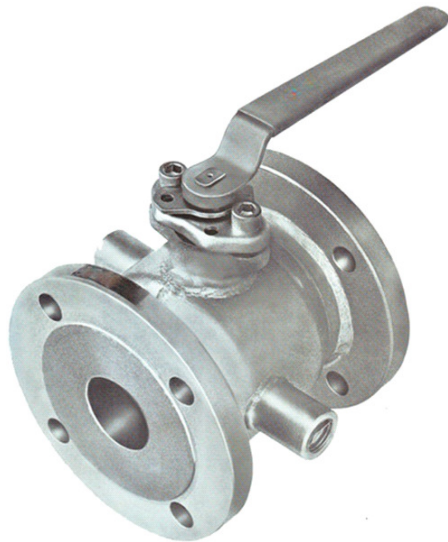
Nivz Valves & Automation

Half Jacketed Ball Valve

DRG. No.: HJK90

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Rev. No.



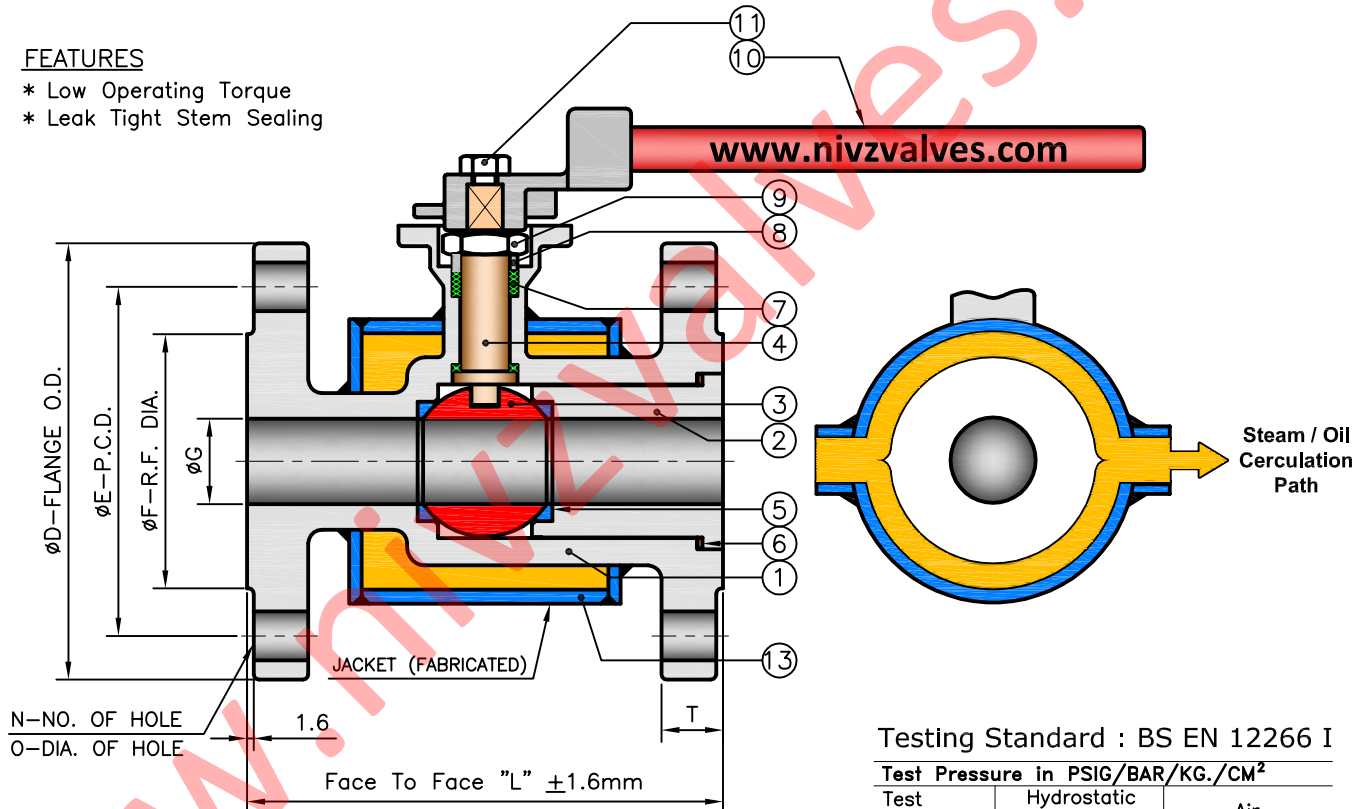
Nomenclature:-

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

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

FEATURES

- * Low Operating Torque
- * Leak Tight Stem Sealing



Design Standard : BS EN ISO 17292/
 Dimensions [150 Class] ASME B 16.34

SIZE	40	50	65	80	100
L	165.1	177.8	190.5	203.2	228.6
G	38	50	63	63	75
ϕD	127.0	152.4	177.8	190.5	228.6
ϕE	98.55	120.6	139.7	152.4	190.5
ϕF	73.0	92.1	104.7	127.0	157.2
N	4	4	4	4	8
ϕO	15.8	19	19	19	19
T	12.7	15.4	16	16.5	19

All Dimensions Are In mm

Testing Standard : BS EN 12266 I

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
Jacket Test	80	5.5	5.6		



VALVES & AUTOMATION

www.nivzvalves.com

Client _____

Order / Enq. No. _____

Job / Project _____

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

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Appd. _____

Chkd. _____

Drwn. _____

☐ For Record

☒ For Reference

☐ For Approval