

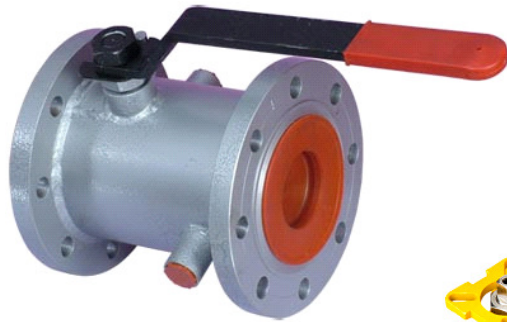
Nivz Valves & Automation

Jacketed Ball Valve

DRG. No.: FJK81

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Rev. No.



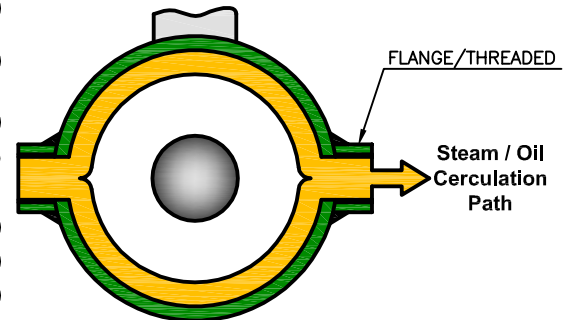
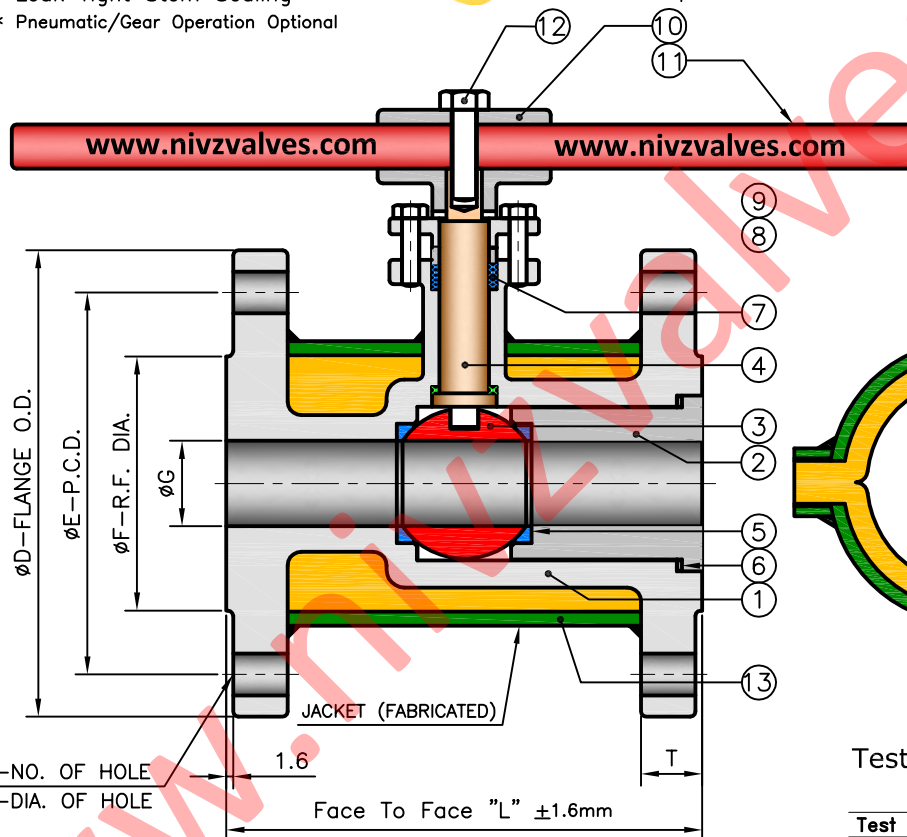
Nomenclature:-

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 50x80 & 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 Flange	C.S./S.S. 304/316/304L/316L
10	Hand Lever Socket	C.S./S.S. 304/316
11	Hand Lever Pipe	C.S./S.S. 304/316
12	Hand Lever Bolt	C.S./S.S. 304/316
13	Jacket (Fabricated)	M.S./S.S. 304/316
14	Coupling/Flange	C.S./S.S. 304/316

FEATURES

- * 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



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

Design Standard : BS EN ISO 17292/
Dimensions [300 Class] ASME B 16.34

SIZE	15x25	20x40	25x50	40x65	50x80	80x100	100x150
L	165.1	190.5	215.9	241.3	282.4	304.8	403.3
G	12.5	19	25	38	50	75	100
ØD	124	155.4	165.1	190.5	209.5	254	317.5
ØE	88.9	114.3	127	149.3	168.1	200.1	269.7
ØF	50.8	73.0	92.1	104.7	127.0	157.2	215.9
N	4	4	8	8	8	8	12
ØO	19	22	19	22	22	22	22
T	17.5	20.57	22.35	25.4	28.44	31.75	36.57

All Dimensions Are In mm

Client

Order / Enq. No.

Job / Project

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

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nivzTM
VALVES & AUTOMATION
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Appd.

Chkd.

Drwn.

For Record

For Reference

For Approval