

Nivz Valves & Automation

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Full Jacketed Ball Valve

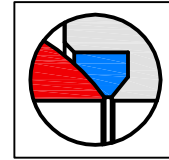
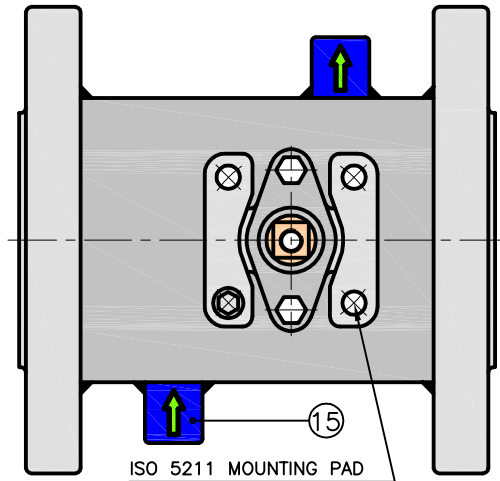
DRG. No.: FJK80

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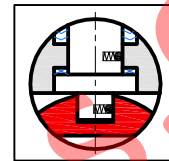
Rev. No.

Simply Automation Series

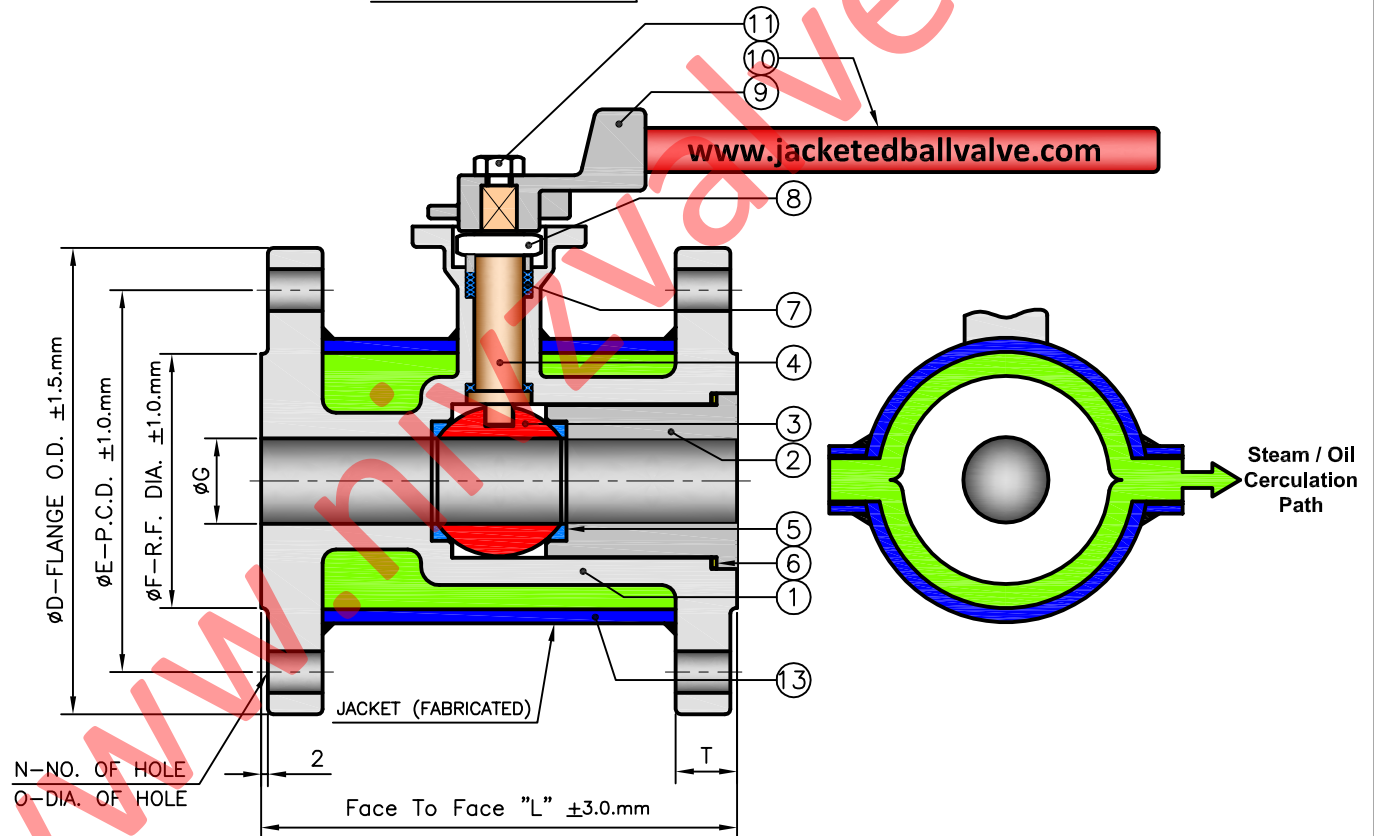
An ISO 5211 Mounting Pad for DIRECT MOUNTING of Actuator/Gear



**FIRE SAFE
DESIGN**



**ANTISTATIC
DEVICE**



Features

- * Fire Safe Design
- * Antistatic Device
- * Blow-outproof Stem
- * V-Seal Gland Packing
- * Easy to Mount Actuator
- * Low Operating Torque
- * Leak Tight Stem Sealing
- * Open/Close Locking Device
- * Bolted Gland Tight Arrangement



VALVES & AUTOMATION

www.nivzvalves.com

Client

Order / Enq. No.

Job / Project

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

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Full Jacketed Ball Valve

DRG. No.: FJK80

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Rev. No.

Simply Automation Series

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
With Locking Device At
Open/Close Position
: By Help of Two Hand or One
Jacket Connection : Size 1/2" BSP/NPT up to 80x100
Size 1" BSP/NPT from 150x250
Flanged End Connection on Request

Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	A 216 GR. WCB
2	Insert	A 351 GR. CF8/CF8M/CF3/CF 3M (Investment Casting - Lost Wax Process)
3	Ball	ASTM A 182 F 304/316/304L/316L (Froged S.S.) Solid Ball
4	Stern	ASTM A 276 T-304/304L/316/316L
5	Ball Seat	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
6	Body Seal	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
7	Gland Packing	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
8	Gland Flange	A 351 GR. CF8/CF8M/CF3/CF 3M
9	Hand Lever Socket	ASTM A 216 GR. WCB (Carbon Steel)
10	Hand Lever Pipe	ASTM A 106 GR. B (Carbon Steel)
11	Lever Fitting Bolt	S.S. 202/304/316
12	Jacket	CARBON STEEL/S.S. 304/316/304L/316L
13	Coupling	FORGED C.S./S.S. 304/316



Design Standard : BS EN ISO 17292 / ASME B 16.34

Dimensions [150 Class]

SIZE	15x40	20x40	25x50	40x65	50x80	65x100	80x100	100x150	150x250
L	165	165	178	190.5	203	229	229	267	292.1
G	12.5	19	25	38	50	63	75	100	150
Drilling Details	ØD	127.0	127.0	152.4	177.8	190.5	228.6	279.0	406.4
	ØE	98.5	98.5	120.6	139.7	152.4	190.5	241.3	361.9
	ØF	73.0	73.0	92.1	104.7	127.0	157.2	215.9	323.8
	N	4	4	4	4	4	8	8	12
	ØO	15.8	15.8	19	19	19	19	22	25.4
T	14.3	14.3	15.8	17.7	19	23.8	23.8	25.4	30.2
ISO	F-05	F-05	F-05	F-07	F-07	F-07	F-10	F-10	F-12
5211	50	50	50	70	70	70	102	102	125

All Dimensions Are In mm

Testing Standard : BS EN 12266 I

Test Pressure in PSIG/BAR/KG./CM²

Test	Hydrostatic			Air		
Pr. Rating	150#					
Body	425	29.3	30	80	5.5	5.6
Seat	300	20.7	21			
Jacket Test	145	9.8	10			

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Appd.

Chkd. BBP

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For Record

For Reference

For Approval