

Nivz Valves & Automation

Full Jacketed Ball Valve (Pneumatic)

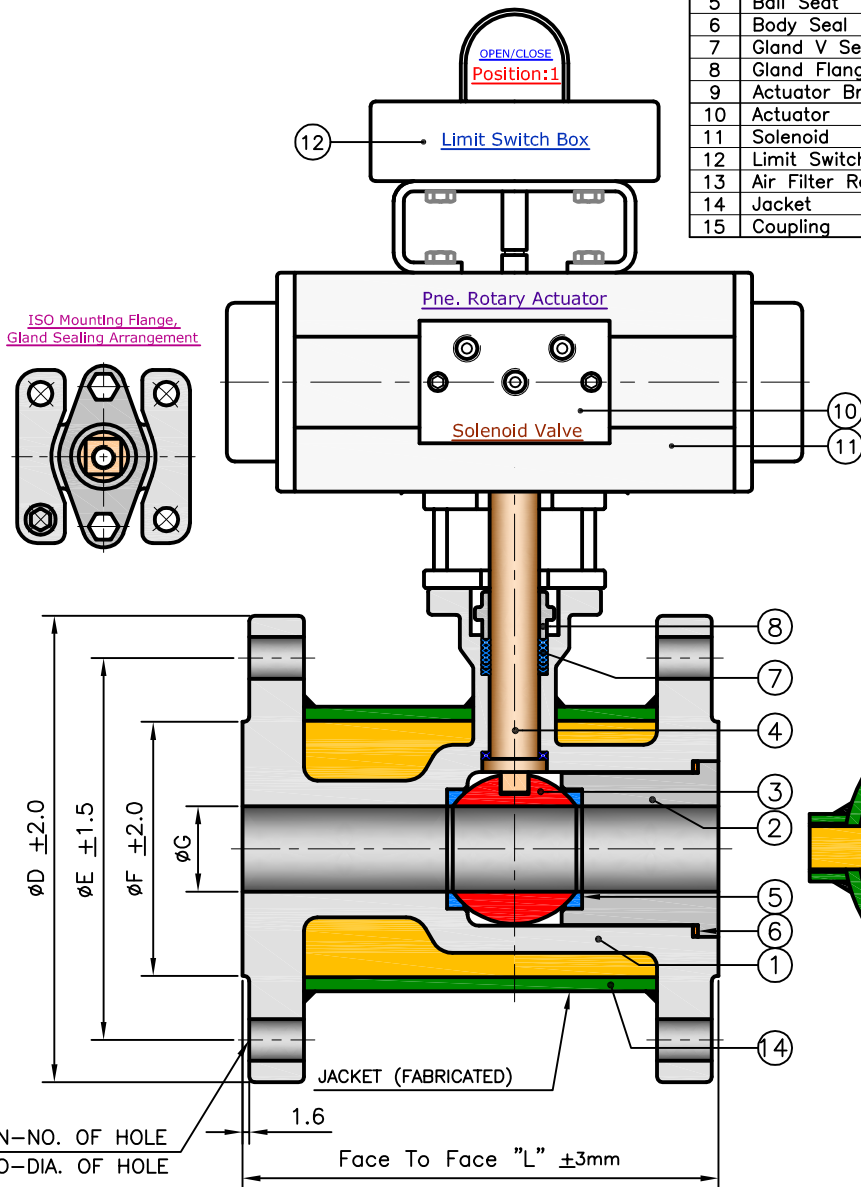
DRG. No.: FJK80P

00
Rev. No.

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 A 351 GR. CF8/CF8M/CF3/CF 3M (Investment Casting - Lost Wax Process)
2	Insert	
3	Ball	ASTM A 182 F 304/316/304L/316L (Froged S.S.) Solid Ball
4	Stern	ASTM A 276 T-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 V Seal Set	P.T.F.E.(VIRGIN)/GFT/CARBON FILLED
8	Gland Flange	A 351 GR. CF8/CF8M/CF3/CF 3M
9	Actuator Bracket	C.S./S.S. 304
10	Actuator	QUARTER TURN - DOUBLE/SINGLE ACTING
11	Solenoid	NAMUR - 5x2/3x2 WAY
12	Limit Switch	SDPT (01NO+01NC)/DPDT (02NO+02NC)
13	Air Filter Regulator	SIZE 1/4", ALUMINIUM BODY
14	Jacket	CARBON STEEL/S.S. 304/316/304L/316L
15	Coupling	FORGED C.S./S.S. 304/316/304L/316L

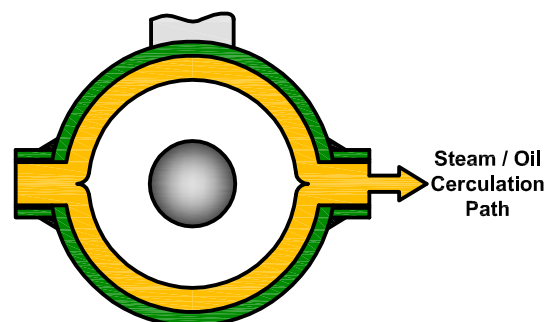


Jacket Connection:

Size 1/2" BSP/NPT up to 100x150
Size 1" BSP/NPT from 150x250
Flanged End Connection on Request

Scope of Supply:

- ☒ Valve
- ☒ Actuator
- ☐ Solenoid
- ☐ Limit Switch
- ☐ Air Filter Regulator
- ☐ Others



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			

Design Standard : BS EN ISO 17292/

Dimensions [150 Class] ASME B 16.34

SIZE	15x25	25x50	40x65	50x80	65x100	80x100	100x150	150x250
L	107.9	178	190.5	203	229	229	267	292.1
G	12.5	25	38	50	63	75	100	150
Drilling Details								
ØD	108.0	152.4	177.8	190.5	228.6	228.6	279.0	406.4
ØE	79.2	120.6	139.7	152.4	190.5	190.5	241.3	361.9
ØF	50.8	92.1	104.7	127.0	157.2	157.2	215.9	323.8
N	4	4	4	4	8	8	8	12
ØO	15.8	19	19	19	19	19	22	25.4

All Dimensions Are In mm

nivz™
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. _____

UBP _____

For Record

For Reference

For Approval