

Nivz Valves & Automation

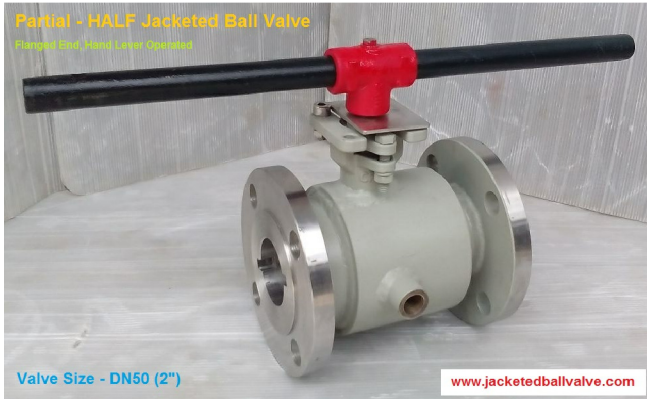
Half Jacketed Ball Valve

DRG. No.: HJK90

00

Rev. No.

Partial - HALF Jacketed Ball Valve
Flanged End, Stem Lever Operated



Valve Size - DN50 (2")

www.jacketedballvalve.com

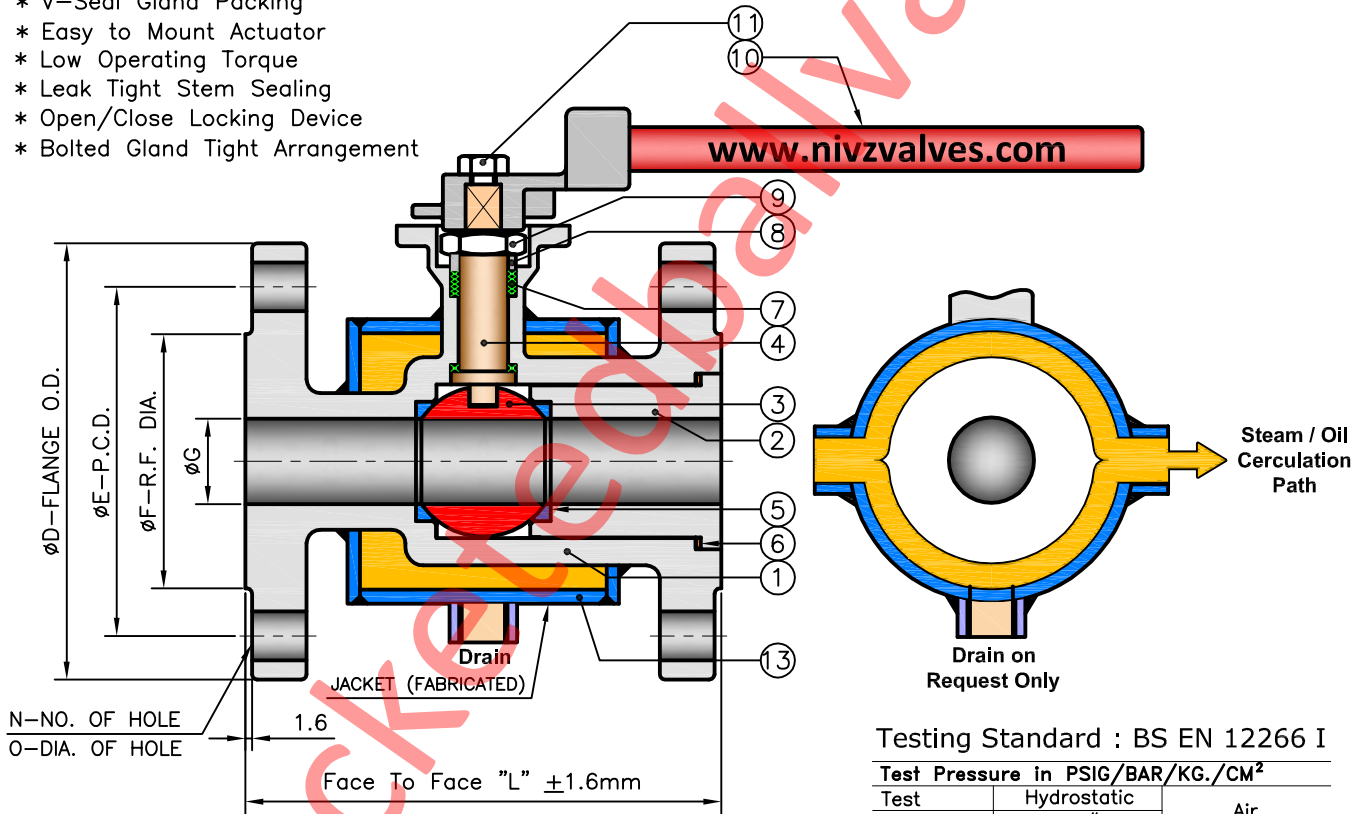
Nomenclature:-

| NO. | PART NAME | MATERIAL |
|-----|---------------------|--|
| 1 | Body | A 216 GR. WCB |
| 2 | Insert | A 351 GR. CFB/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 | A 276 T-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 | A 276 T-304/316/304L/316L |
| 9 | Gland Nut | C.S./194 GR. 2H/S.S. 304/316 |
| 10 | Hand Lever | CARBON STEEL |
| 11 | Hand Lever Nut | S.S. |
| 12 | Lever Sleeve | P.V.C. |
| 13 | Jacket (Fabricated) | C.S./S.S. 304/316 |
| 14 | Coupling | C.S./S.S. 304/316 |

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

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



N-NO. OF HOLE
 O-DIA. OF HOLE

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 | 50 | 63 | 75 | |
| Flange Details | ØD | 127.0 | 152.4 | 177.8 | 190.5 | 228.6 |
| | ØE | 98.55 | 120.6 | 139.7 | 152.4 | 190.5 |
| | ØF | 73.0 | 92.1 | 104.7 | 127.0 | 157.2 |
| | N | 4 | 4 | 4 | 4 | 8 |
| | ØO | 15.8 | 19 | 19 | 19 | 19 |

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

Appd. _____
 Chkd. _____
 Drwn. _____
 For Record
 For Reference
 For Approval

Client _____
 Order / Enq. No. _____
 Job / Project _____
 Manufactured By : Nivz Valves & Automation, Ahmedabad, Gujarat, INDIA.

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