

Nivz Valves & Automation

Jacketed Globe Valve, Flanged End

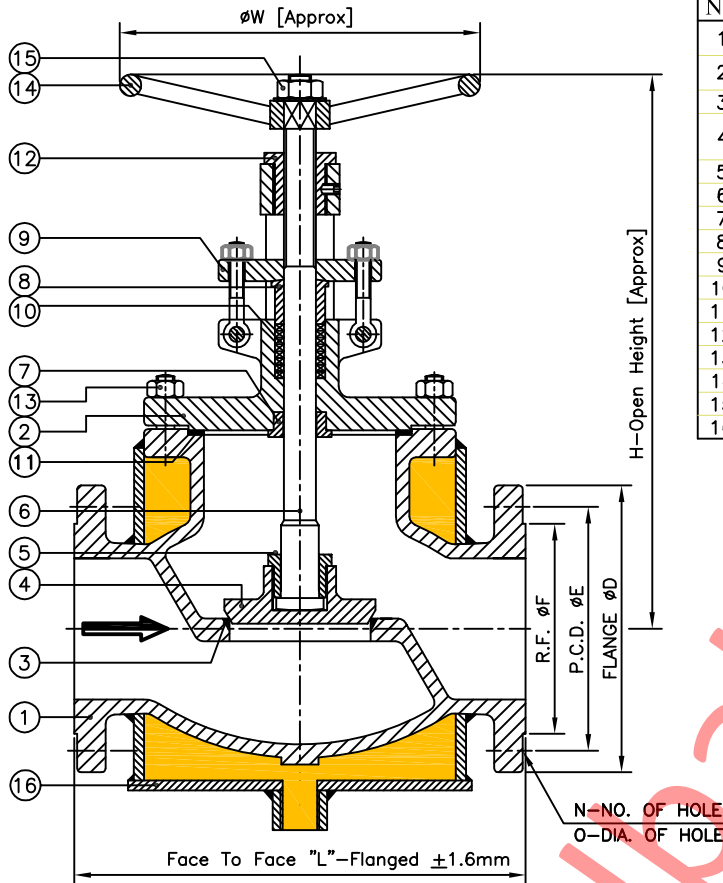
DRG. No.: JKGL15/30

00

Rev. No.

Nomenclature:-

| NO. | PART NAME | MATERIAL |
|-----|-------------------|---|
| 1 | Body | CAST IRON/ASTM A 216 GR. WCB |
| 2 | Bonnet | ASTM A 351 GR. CF 8/8M |
| 3 | Seat Ring | CA 15/AISI 410/304/316/ALLOY 20 |
| 4 | Disc | CA 15/WCB+13% Cr. Face/ AISI 304/316/CF 8/CF 8M/ALLOY 20 |
| 5 | Disc Nut | AISI 410/304/316/ALLOY 20 |
| 6 | Stem | AISI 410/304/316/ALLOY 20 |
| 7 | Back Seat Bush | AISI 410/304/316/ALLOY 20 |
| 8 | Gland Bush | AISI 410/304/316/ALLOY 20 |
| 9 | Gland Flange | C.S./S.S. |
| 10 | Gland Packing | Grafoil/P.T.F.E Impregnated Asbestos |
| 11 | Gasket | CAF/Sp. Wound with P.T.F.E./CAF/Grafoil |
| 12 | Yoke Bush | C.S./A 439 GR. D2/Ph. Bronze |
| 13 | Bonnet Bolt & Nut | C.S./A193 GR. B7/2H/S.S. 304/316 |
| 14 | Hand Wheel | Cast Iron/Cabon Steel/Ductile Iron |
| 15 | Wheel Nut | C.S./A194 GR. 2H/S.S. 304/316 |
| 16 | Jacket (Welded) | M.S./S.S. 304/316 (FABRICATED) |



FEATURES

- * Deep Stuffing Box
- * Gland Seal Design With Lantern Ring Option
- * Graphite Ring Ensures Effective Stem Sealing
- * Self Aligning Two Piece Gland
- * Hardened Back Sheet For Max. Service Life
- * Seat, Disc & Back Seat Stellite [Optional]

Pressure Rating : 150 #/300#

End Connection : Flanged End

Flange Drilling : ANSI B 16.5 150/300#

Face To Face : ANSI B 16.10

Design Standard : BS 1873/ASME B 16.34

Dimensions [150 Class]

| SIZE | 25 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|----------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L | 127 | 165 | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 623 | 699 |
| ϕD | 108 | 127 | 152.4 | 177.8 | 190.5 | 228.6 | 254 | 279 | 343 | 406 | 483 |
| ϕE | 79.3 | 98.4 | 120.6 | 139.7 | 152.4 | 190.5 | 215.9 | 241.3 | 298.4 | 362.0 | 431.8 |
| ϕF | 50.8 | 73 | 92.1 | 104.7 | 127.0 | 157.2 | 185.6 | 215.9 | 269.9 | 323.8 | 381 |
| N | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 12 | 12 |
| ϕO | 15.8 | 15.8 | 19 | 19 | 19 | 19 | 22.2 | 22.2 | 22.2 | 25.4 | 25.4 |
| H | 230 | 285 | 335 | 355 | 380 | 432 | 485 | 520 | 610 | 675 | 950 |
| ϕW | 125 | 178 | 178 | 240 | 240 | 240 | 340 | 340 | 470 | 470 | 510 |

Dimensions [300 Class]

| SIZE | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L | 267 | 292 | 317 | 356 | 400 | 445 | 559 | 623 | 711 |
| ϕD | 165.1 | 190.5 | 209.5 | 254 | 279.4 | 317.5 | 381 | 444.5 | 520.7 |
| ϕE | 127 | 149.3 | 168.1 | 200.1 | 235 | 269.7 | 330.2 | 387.3 | 450.7 |
| ϕF | 92.1 | 104.7 | 127.0 | 157.2 | 185.6 | 215.9 | 269.9 | 323.8 | 381 |
| N | 8 | 8 | 8 | 8 | 8 | 12 | 12 | 16 | 16 |
| ϕO | 19 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 25.4 | 28.4 | 31.7 |
| H | 325 | 425 | 485 | 520 | 565 | 655 | 825 | 920 | 1155 |
| ϕW | 203 | 254 | 300 | 300 | 350 | 350 | 500 | 610 | 700 |

All Dimensions Are In mm

Testing Standard : BS 6755-I

| Test Pressure in PSIG/BAR/KG./CM ² | | Hydrostatic | | | | | | | |
|---|------------|-------------|-----------|-----------|-----------|-----------|-----------|------|----|
| Test | Pr. Rating | 150# | | | 300# | | | | |
| | | C.I. | C.S./S.S. | C.S./S.S. | C.S./S.S. | C.S./S.S. | C.S./S.S. | | |
| MOC | | | | | | | | | |
| Body | 215 | 14.7 | 15 | 425 | 29.3 | 30 | 1125 | 77.5 | 79 |
| Seat | 142 | 9.8 | 10 | 300 | 20.7 | 21 | 825 | 56.8 | 58 |
| Back Seat | 142 | 9.8 | 10 | 300 | 20.7 | 21 | 825 | 56.8 | 58 |



VALVES & AUTOMATION

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Appd. _____
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Client _____

Order / Enq. No. _____

Job / Project _____

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

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