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**Jacketed Ball Valve** (Single Pc. Design, Regular Port, Flanged End)



**Features: -**

* Low Operating Torque
* Leak Tight Stem Sealing
* Pneumatic / Gear Operating Optional
* Pressure Rating – 150#
* End Connection – Flanged End, RF
* Flange Drilling – As per ANSI B16.5, 150#
* Face to Face – As per ANSI B16.10
* Operation – Manual Hand Lever Operated

**Testing Standard: - BS 6755**

|  |  |  |
| --- | --- | --- |
| Test Pressure in PSIG | | |
| Test | Hydrostatic | Air |
| Pr. Rating | 150# |
| Body | 450 |  |
| Seat | 325 | 80 |
| Jacket Test | 80 |  |

**Part List: - Standard Dimension (150#): -**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Part Name** | **Materials** |  | **Size** | **25x40** | **40x50** | **50x65** | **50x80** | **65x80** | **80x100** | **100x150** |
| 01 | Body | ASTM A216 Gr. WCB  ASTM A351 Gr. CF8 / CF8M | L | 127 | 165 | 178 | 178 | 190 | 203 | 229 |
| 02 | Insert | G | 25 | 38 | 50 | 50 | 63 | 75 | 100 |
| 03 | Ball | AISI 304 / 316 / 304L / 316L | ǾD | 127 | 152.4 | 177.8 | 190.5 | 190.5 | 228.6 | 279 |
| 04 | Stem | AISI 304 / 316 / 304L / 316L | ǾE | 98.5 | 120.6 | 139.7 | 152.4 | 152.4 | 190.5 | 241.3 |
| 05 | Ball Seat | PTFE / GFT / CFT | ǾF | 73 | 92.1 | 104.7 | 127 | 127 | 157.2 | 215.9 |
| 06 | Body Seal | PTFE / GFT / CFT | N | 4 | 4 | 4 | 4 | 4 | 8 | 8 |
| 07 | Gland Seal | PTFE / GFT / CFT | ǾO | 15.8 | 19 | 19 | 19 | 19 | 19 | 22 |
| 08 | Gland Bush | AISI 304 / 316 / 304L / 316L |  | T | 14.3 | 15.8 | 17.7 | 19 | 19 | 23 | 25.4 |
| 09 | Gland Nut | CS / 194 Gr. 2H / SS304 / SS316 |  | | | | | | | | |
| 10 | Hand Lever | CS / SS |
| 11 | Hand Lever Nut | CS / 194 Gr. 2H / SS304 / SS316 |
| 12 | Lever Sleeve | PVC |
| 13 | Jacket (Fabricated) | M.S. / SS304 / SS316 |
| 14 | Coupling | C.S. / SS304 / SS316 |

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