

| TECHNICAL SPECIFICATIONS OF BALL VALVE | | | |
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| Sl. No | Description | | |
| 1 | PIPING CLASS/ MOC | : SS 304 | |
| 2 | RATING/ CLASS | : 150# | |
| 3 | ENDS | : FLGD, ANSI B16.5 RF | |
| 4 | STANDARD | : BS 5351 | |
| Other Technical Specifications | | | |
| 5 | DESCRIPTION | CONSTRUCTION | MATERIAL |
| 6 | BODY | CAST / FORGED | ASTM A 351 GR. CF3M / ASTM A 182 GR. F316L |
| 7 | STEM | ANTI BLOWOUT | SS 304; (NO CASTING) |
| 8 | BALL | SOLID | SS 304 |
| 9 | BODY SEAT | | RPTFE WITH SECONDARY METAL TO METAL |
| 10 | GLAND | BOLTED/RETAINED BY NUT & WASHER | SS 304 |
| 11 | STEM SEAL | RENEWABLE WITH VALVE OPEN ON STREAM | GRAFOIL / PTEE V-RINGS + GRAFOIL |
| 12 | BODY SEAL | | GRAFOIL / PTEE |
| 13 | BODY STUD | | ASTM A 193 GR. B7 |
| 14 | BODY NUT | | ASTM A 194 GR. 2H |
| 15 | SPECIAL SERVICE CONDITIONS | | MAX. TEMP 204 DEG. C. |
| 16 | SPRING | | INCONEL X - 750 |
| 17 | HYDROSTATIC TEST PRESSURE | BODY : 30 Kg/cm ² g | SEAT : 23 Kg/cm ² g |
| 18 | TEST PRESSURE WITH AIR | 5.6 Kg/cm ² g | |