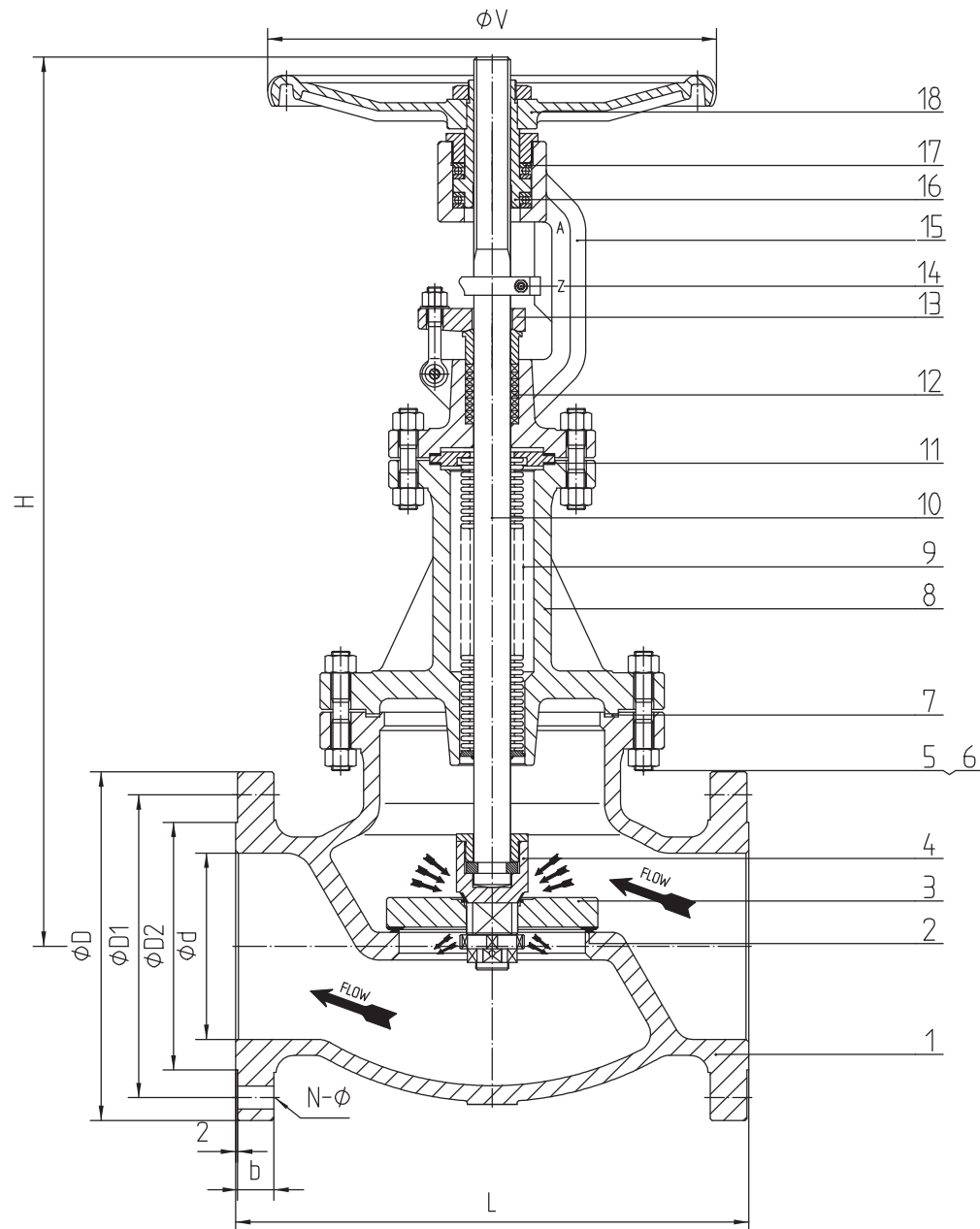


| Pressure-Temperature Ratings |          |                                     |         |         |         |         |         |         |        |        |        |        |        |
|------------------------------|----------|-------------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| Class                        | Material | Working Pressure At Temperatures °C |         |         |         |         |         |         |        |        |        |        |        |
| 150LB                        | WCB      | 38°C                                | 50°C    | 100°C   | 150°C   | 200°C   | 250°C   | 300°C   | 325°C  | 350°C  | 375°C  | 400°C  | 425°C  |
|                              |          | 19.6Bar                             | 19.2Bar | 17.7Bar | 15.8Bar | 13.8Bar | 12.1Bar | 10.2Bar | 9.3Bar | 8.4Bar | 7.4Bar | 6.5Bar | 5.5Bar |



| Size | Main Dimension <mm> |     |     |     |       |       |      |        |      |
|------|---------------------|-----|-----|-----|-------|-------|------|--------|------|
|      | Inch                | L   | d   | D   | D1    | D2    | b    | n-φd   | φV   |
| 6"   |                     | 406 | 150 | 280 | 241.3 | 215.9 | 23.9 | 8-φ22  | 795  |
| 8"   |                     | 495 | 200 | 345 | 298.5 | 269.9 | 27.0 | 8-φ22  | 895  |
| 10"  |                     | 622 | 250 | 405 | 362.0 | 323.8 | 28.6 | 12-φ25 | 1020 |
| 12"  |                     | 699 | 300 | 485 | 431.8 | 381.0 | 30.2 | 12-φ25 | 1150 |
| 14"  |                     | 787 | 336 | 535 | 476.3 | 412.8 | 33.4 | 12-φ29 | 1370 |
| 16"  |                     | 914 | 380 | 595 | 539.8 | 469.9 | 35.0 | 16-φ29 | 1420 |

|    |                   |                        |         |
|----|-------------------|------------------------|---------|
| 18 | Handwheel         | ASTM A536 60-40-18     |         |
| 17 | Bearing           | Alloy Steel            |         |
| 16 | Yoke Nut          | Cu-Alloy               |         |
| 15 | Yoke              | ASTM A216 Gr.WCB       |         |
| 14 | Guide Piece       | ASTM A105              |         |
| 13 | Gland Flange      | ASTM A216 Gr.WCB       |         |
| 12 | Packing           | Graphite               |         |
| 11 | Gasket            | SS304+Graphite         |         |
| 10 | Stem              | ASTM A182 Gr.F6a       |         |
| 9  | Bellows Seal      | SS316L                 |         |
| 8  | Bonnet            | ASTM A216 Gr.WCB       |         |
| 7  | Gasket            | SS304+Graphite         |         |
| 6  | Bolts             | ASTM A193 B7           |         |
| 5  | Hexagon Nut       | ASTM A194 2H           |         |
| 4  | Guide Disc        | ASTM A105 Overlay STL  |         |
| 3  | Disc+Seat Surface | ASTM A105 Overlay 13Cr |         |
| 2  | Seat Surface      | Overlay STL 6#         |         |
| 1  | Body              | ASTM A216 Gr.WCB       |         |
| NO | PART NAME         | MATERIAL               | REMARKS |

BS Bellow Sealed Globe Valve CLASS150 FIG.LB.450

|                         |             |
|-------------------------|-------------|
| Design and Manufacture  | BS 1873     |
| Face to Face Dimensions | ASME B16.10 |
| Flange Ends Dimensions  | ASME B16.5  |
| Pressure Test           | API 598     |

