

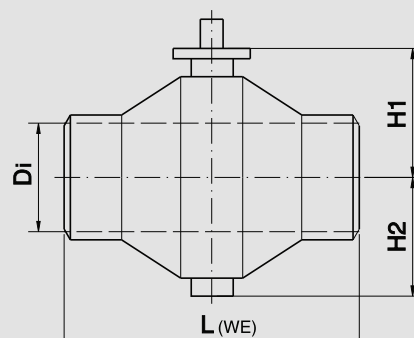
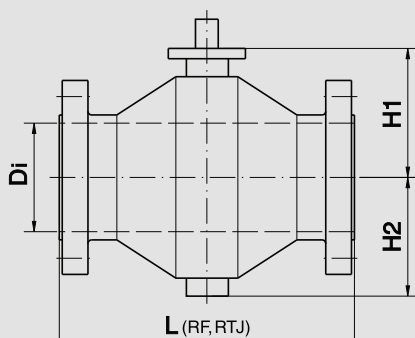
# Ball Valve with Flange or Weld Ends

**DN 25 - 900, ANSI Class 1500 / PN 250**



## Standard Materials:

|                     |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| <b>Body:</b>        | TSTE 355N/P355 NL1; ASTM 350LF2; ASTM A106 and others                                       |
| <b>Ball:</b>        | ASTM A350LF2; ASTM A105; ASTM A395; ASTM A694 + ENP or hardchrome; stainl. steel and others |
| <b>Seat rings:</b>  | ASTM 350LF2; ASTM A105 + ENP or hardchrome; stainless steel                                 |
| <b>O-Rings:</b>     | FPM; EPDM; NBR; HNBR                                                                        |
| <b>Seat Insert:</b> | FPM; PTFE; PTFE-filled, HNBR                                                                |



For deviating operating conditions please send us a written request stating the fluids, as well as the pressure and temperature range.

The materials which are mentioned in the table are the Böhmer standard materials. They comply with the most common national and international standards.

Other materials, which may be necessary due to special applications / conditions (such as corrosion / abrasion as well as temperature etc.) or customers' demands are deliverable on request.

| Nominal size |      | Diameter | Face to face dimensions |        |       | Weight |       |        |           |
|--------------|------|----------|-------------------------|--------|-------|--------|-------|--------|-----------|
| DN           |      | Di       | L(RF)                   | L(RTJ) | L(WE) | H1     | H2    | Flange | Weld Ends |
| mm           | inch | mm       | mm                      | mm     | mm    | mm     | mm    | kg     | kg        |
| 25           | 1    | 25       | 254                     | 257    | 254   | 60     | 35    | 21     | 13        |
| 50           | 2    | 51       | 368                     | 372    | 368   | 85     | 70    | 35     | 18        |
| 80           | 3    | 78       | 470                     | 473    | 410   | 175    | 131   | 73     | 48        |
| 100          | 4    | 102      | 546                     | 549    | 470   | 212    | 155   | 126    | 88        |
| 150          | 6    | 146      | 705                     | 711    | 580   | 253    | 203   | 255    | 165       |
| 200          | 8    | 194      | 832                     | 841    | 710   | 330    | 254   | 625    | 410       |
| 250          | 10   | 241      | 991                     | 1000   | 820   | 388    | 310   | 845    | 650       |
| 300          | 12   | 289      | 1130                    | 1146   | 940   | 463    | 382   | 1430   | 1120      |
| 350          | 14   | 318      | 1257                    | 1276   | 1075  | 527    | 433   | 1900   | 1430      |
| 400          | 16   | 362      | 1384                    | 1407   | 1200  | 575    | 482,5 | 2400   | 1750      |
| 450          | 18   | 406      | 1537                    | 1559   | 1254  | 533    | 474   | 3100   | 2100      |
| 500          | 20   | 454      | 1664                    | 1686   | 1295  | 743    | 612   | 3900   | 2850      |
| 600          | 24   | 546      | 1950                    | 1972   | 1390  | 849    | 753   | 5600   | 4500      |
| 700          | 28   | 641      | -                       | 1990   | 1497  | 1001   | 859   | 7900   | 6600      |
| 750          | 30   | 686      | -                       | -      | 1575  | 1078   | 910   | 10000  | 8500      |
| 800          | 32   | 730      | -                       | -      | 1610  | 1120   | 965   | 12800  | 11000     |
| 900          | 36   | 819      | -                       | -      | 1770  | 1235   | 1080  | 17400  | 15000     |