

# Trunnion mounted ball valves, reduced bore

103/TR series, flange / flange, DN 200-900, reduced bore

|                   |                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Body              | DN 200-450 Steel, P355QH (1.0571) / P355NL1 (1.0566)<br>DN 500-900 Steel, P355QH (1.0571) / P355NH (1.0565)                       |
| Ball              | DN 200-900 Steel + stainless plating, ASTM A350 LF2 +Ni                                                                           |
| Ball seal         | DN 200-900 PTFE+C                                                                                                                 |
| Stem              | DN 200-900 Stainless steel, X17CrNi16-2 (1.4057)                                                                                  |
| Stem seal         | DN 200-900 FPM                                                                                                                    |
| Operation         | DN 200-900 Valves are available with manual gear or with an electric or hydraulic actuator                                        |
| Flanges           | EN 1092-1<br>Available PN 16, 25, 40                                                                                              |
| Structural length | EN 558 (12-series)                                                                                                                |
| Equipment         | DN 200-900 are equipped with lifting lugs, mounting stand, Drain valve: DN 20 for DN 200-450 valves, DN 32 for DN 500-1200 valves |



## Operation conditions

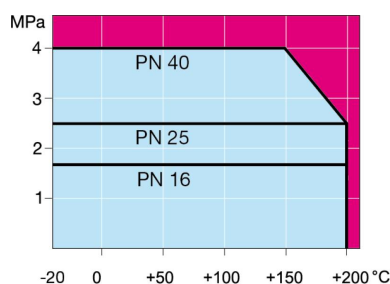
0 °C – +200 °C

Below 0 °C contact manufacturer

Lowest allowed ambient

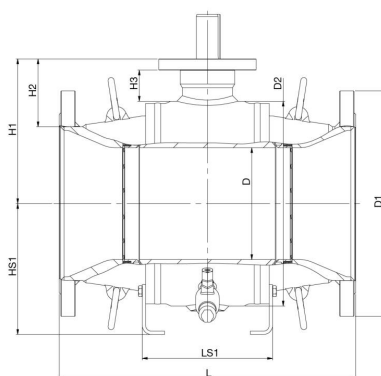
temperature -20 °C

Leakage rate A (EN 12266-1)

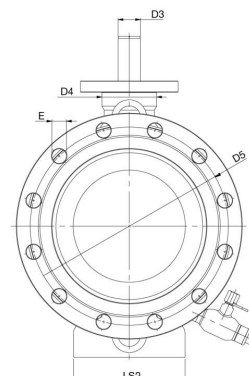


Not for steam

DN 200-900



DN 200-900



| DN  | PN | Product no. | D   | D1     | D2     | D3    | D4    | D5     | E  | H1  | H2  | H3  | HS1 | L    | LS1 | LS2 | kg     |
|-----|----|-------------|-----|--------|--------|-------|-------|--------|----|-----|-----|-----|-----|------|-----|-----|--------|
| 200 | 16 | 103200/TR   | 150 | 340.0  | 315.0  | 40.0  | 98.0  | 295.0  | 22 | 234 | 124 | 57  | 200 | 457  | 229 | 160 | 154.0  |
| 250 | 16 | 103250/TR   | 201 | 405.0  | 368.0  | 40.0  | 98.0  | 355.0  | 26 | 260 | 122 | 56  | 235 | 533  | 234 | 200 | 214.0  |
| 300 | 16 | 103300/TR   | 250 | 460.0  | 440.0  | 50.0  | 110.0 | 410.0  | 26 | 302 | 139 | 62  | 282 | 610  | 250 | 240 | 322.0  |
| 350 | 16 | 103350/TR   | 300 | 520.0  | 510.0  | 50.0  | 110.0 | 470.0  | 26 | 337 | 158 | 62  | 314 | 686  | 290 | 280 | 474.0  |
| 400 | 16 | 103400/TR   | 340 | 580.0  | 590.0  | 70.0  | 135.0 | 525.0  | 30 | 400 | 195 | 80  | 360 | 762  | 348 | 320 | 726.0  |
| 450 | 16 | 103450/TR   | 385 | 640.0  | 640.0  | 70.0  | 135.0 | 585.0  | 30 | 425 | 197 | 80  | 390 | 864  | 362 | 260 | 916.0  |
| 500 | 16 | 103500/TR   | 436 | 715.0  | 740.0  | 75.0  | 180.0 | 650.0  | 33 | 490 | 225 | 86  | 530 | 914  | 456 | 400 | 1118.0 |
| 600 | 16 | 103600/TR   | 487 | 840.0  | 822.0  | 90.0  | 200.0 | 770.0  | 36 | 537 | 222 | 88  | 580 | 1065 | 472 | 420 | 1567.0 |
| 700 | 16 | 103700/TR   | 589 | 910.0  | 980.0  | 98.0  | 200.0 | 840.0  | 36 | 616 | 235 | 88  | 660 | 1245 | 524 | 450 | 2493.0 |
| 800 | 16 | 103800/TR   | 684 | 1025.0 | 1125.0 | 98.0  | 230.0 | 950.0  | 39 | 722 | 302 | 111 | 700 | 1372 | 572 | 450 | 3510.0 |
| 900 | 16 | 103900/TR   | 779 | 1125.0 | 1290.0 | 120.0 | 270.0 | 1050.0 | 39 | 833 | 358 | 138 | 840 | 1524 | 700 | 600 | 5341.0 |

Also available in PN 40. For more information contact our customer service.

Sizes DN 500-900 manufactured by ARMATURY Group a.s. - a member of Vexve Armatury Group.