

# Underground ball valves, reduced bore

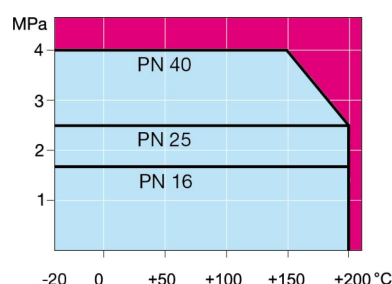
107/TR series, trunnion mounted long stem valve, welding / welding, EN (DIN), DN 200-900, reduced bore

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 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<br>+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                                                                                                  |
| Top of stem       | DN 200-900 Stainless steel, X5CrNi18-10 (1.4301)                                                            |
| Structural length | EN 12982 (63-series)                                                                                        |
| Equipment         | DN 200-900 are equipped with lifting lugs, mounting stand                                                   |



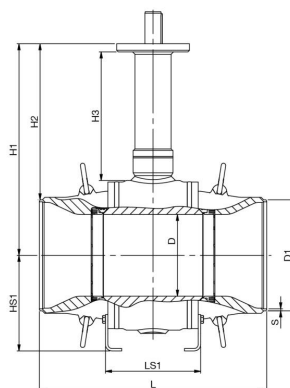
## Operation conditions

0 °C – +200 °C  
Below 0 °C contact manufacturer  
Lowest allowed ambient  
temperature -20 °C  
Leakage rate A (EN 12266-1)

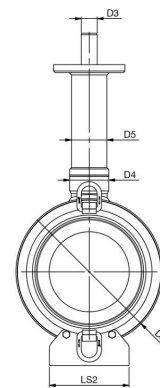


Not for steam

DN 200-900



DN 200-900



| DN  | PN | Product no. | D   | D1    | D2     | D3    | D4    | D5    | H1   | H2  | H3  | HS1 | L    | LS1 | LS2 | S    | kg     |
|-----|----|-------------|-----|-------|--------|-------|-------|-------|------|-----|-----|-----|------|-----|-----|------|--------|
| 200 | 25 | 107200/TR   | 150 | 219.1 | 315.0  | 40.0  | 98.0  | 88.9  | 494  | 384 | 317 | 200 | 521  | 229 | 160 | 5,0  | 150.0  |
| 250 | 25 | 107250/TR   | 201 | 273.0 | 368.0  | 40.0  | 98.0  | 88.9  | 520  | 384 | 316 | 235 | 559  | 234 | 200 | 5,0  | 200.0  |
| 300 | 25 | 107300/TR   | 250 | 323.9 | 440.0  | 50.0  | 110.0 | 114.3 | 568  | 406 | 328 | 281 | 635  | 250 | 240 | 5,6  | 306.0  |
| 400 | 25 | 107400/TR   | 340 | 406.4 | 590.0  | 70.0  | 135.0 | 139.7 | 695  | 492 | 375 | 360 | 838  | 348 | 320 | 7,1  | 723.0  |
| 450 | 25 | 107450/TR   | 385 | 457.0 | 640.0  | 70.0  | 135.0 | 139.7 | 720  | 492 | 375 | 390 | 914  | 362 | 260 | 6,3  | 900.0  |
| 500 | 25 | 107500/TR   | 436 | 508.0 | 740.0  | 75.0  | 219.1 |       | 720  | 466 | 316 | 530 | 991  | 456 | 400 | 6,3  | 1110.0 |
| 600 | 25 | 107600/TR   | 487 | 610.0 | 822.0  | 90.0  | 244.5 |       | 761  | 456 | 312 | 680 | 1143 | 472 | 420 | 7,1  | 1548.0 |
| 700 | 25 | 107700/TR   | 589 | 711.0 | 980.0  | 98.0  | 244.5 |       | 840  | 484 | 312 | 660 | 1346 | 524 | 450 | 8,0  | 2541.0 |
| 800 | 25 | 107800/TR   | 684 | 813.0 | 1125.0 | 98.0  | 273.0 |       | 932  | 525 | 321 | 700 | 1524 | 572 | 450 | 8,8  | 3603.0 |
| 900 | 25 | 107900/TR   | 779 | 914.0 | 1290.0 | 120.0 | 295.0 |       | 1045 | 588 | 350 | 840 | 1727 | 700 | 600 | 10,0 | 5485.0 |

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.