

# Underground ball valves, full bore

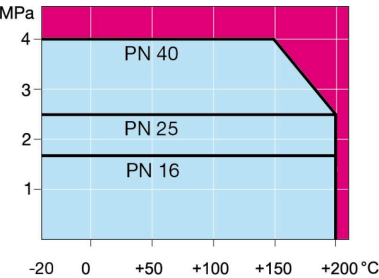
157/TR series, trunnion mounted long stem valve, welding / welding, EN (DIN), DN 150-900, full bore

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| Body              | DN 150-400 Steel, P355QH (1.0571) / P355NL1 (1.0566)<br>DN 450-900 Steel, P355QH (1.0571) / P355NH (1.0565) |
| Ball              | DN 150-900 Steel + stainless plating, ASTM A350 LF2<br>+Ni                                                  |
| Ball seal         | DN 150-900 PTFE+C                                                                                           |
| Stem              | DN 150-900 Stainless steel, X17CrNi16-2 (1.4057)                                                            |
| Stem seal         | DN 150-900 FPM                                                                                              |
| Operation         | DN 150-900                                                                                                  |
| Top of stem       | DN 150-900 Stainless steel, X5CrNi18-10 (1.4301)                                                            |
| Structural length | EN 12982 (63-series)                                                                                        |
| Equipment         | DN 150-900 are equipped with lifting lugs, mounting<br>stand                                                |



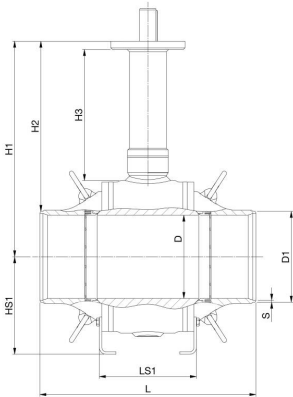
## Operation conditions

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

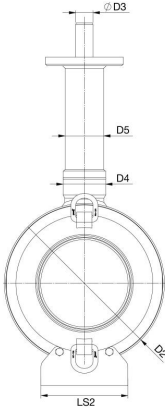


Not for steam

DN 150-900



DN 150-900



| DN  | PN | Product no. | D   | D1    | D2     | D3    | D4    | D5    | H1   | H2  | H3  | HS1 | L    | LS1 | LS2 | S    | kg     |
|-----|----|-------------|-----|-------|--------|-------|-------|-------|------|-----|-----|-----|------|-----|-----|------|--------|
| 150 | 25 | 157150/TR   | 150 | 168.3 | 315.0  | 40.0  | 98.0  | 88.9  | 494  | 410 | 317 | 200 | 457  | 229 | 160 | 4,5  | 129.0  |
| 200 | 25 | 157200/TR   | 200 | 219.1 | 368.0  | 40.0  | 98.0  | 88.9  | 520  | 410 | 316 | 235 | 521  | 234 | 200 | 5,0  | 168.0  |
| 250 | 25 | 157250/TR   | 250 | 273.0 | 440.0  | 50.0  | 110.0 | 114.3 | 568  | 432 | 328 | 280 | 559  | 250 | 200 | 5,0  | 259.0  |
| 300 | 25 | 157300/TR   | 300 | 323.9 | 510.0  | 50.0  | 110.0 | 114.3 | 603  | 441 | 328 | 314 | 635  | 290 | 200 | 5,6  | 379.0  |
| 350 | 25 | 157350/TR   | 350 | 355.6 | 590.0  | 70.0  | 135.0 | 139.7 | 695  | 517 | 375 | 360 | 762  | 348 | 260 | 6,3  | 620.0  |
| 400 | 25 | 157400/TR   | 400 | 406.4 | 640.0  | 70.0  | 135.0 | 139.7 | 720  | 517 | 375 | 390 | 838  | 362 | 260 | 7,1  | 740.0  |
| 450 | 25 | 157450/TR   | 436 | 457.0 | 740.0  | 75.0  | 219.1 |       | 720  | 492 | 316 | 530 | 914  | 456 | 400 | 6,3  | 1050.0 |
| 500 | 25 | 157500/TR   | 487 | 508.0 | 822.0  | 90.0  | 244.5 |       | 761  | 507 | 312 | 580 | 991  | 472 | 420 | 6,3  | 1339.0 |
| 600 | 25 | 157600/TR   | 589 | 610.0 | 980.0  | 98.0  | 244.5 |       | 840  | 535 | 312 | 660 | 1143 | 524 | 450 | 7,1  | 2136.0 |
| 700 | 25 | 157700/TR   | 684 | 711.0 | 1125.0 | 98.0  | 273.0 |       | 932  | 576 | 323 | 700 | 1346 | 572 | 450 | 8,0  | 3225.0 |
| 800 | 25 | 157800/TR   | 779 | 798.4 | 1290.0 | 120.0 | 298.0 |       | 1045 | 638 | 350 | 840 | 1524 | 700 | 600 | 8,8  | 4875.0 |
| 900 | 25 | 157900/TR   | 874 | 914.0 | 1440.0 | 120.0 | 298.0 |       | 1120 | 663 | 350 | 900 | 1727 | 770 | 600 | 10,0 | 6302.0 |

Also available in PN 40. For more information contact our customer service.  
Sizes DN 450-900 manufactured by ARMATURY Group a.s. - a member of Vexve Armatury Group.