

# Underground ball valves, reduced bore

107/SL series, welding / welding, EN (DIN), DN 25-300, reduced bore

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| Body        | DN 25-300 Steel, P235GH (1.0345)                                                   |
| Ball        | DN 25-300 Stainless steel, X5CrNi18-10 (1.4301)                                    |
| Ball seal   | DN 25-300 PTFE+C                                                                   |
| Stem        | DN 25-300 Stainless steel, X8CrNiS18-9 (1.4305)                                    |
| Stem seal   | DN 25-300 FPM                                                                      |
| Operation   | DN 25-150 available with a T-key<br>DN 200-300 available with portable planet gear |
| Top of stem | DN 25-300 Stainless steel, X5CrNi18-10 (1.4301)                                    |



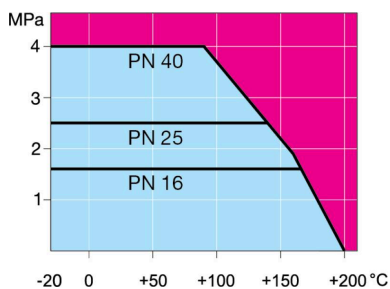
## Operation conditions

-20 °C – +200 °C

Below -20 °C contact manufacturer

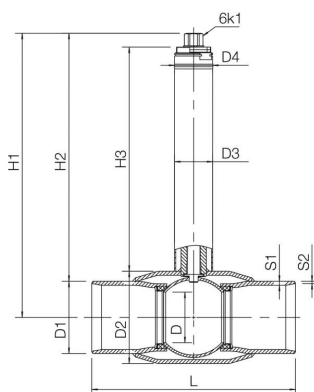
Lowest allowed ambient temperature -40 °C

Leakage rate A (EN 12266-1)

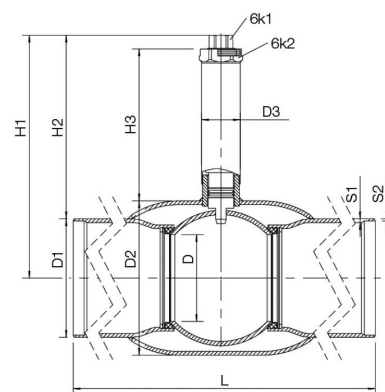


Not for steam

DN 25-150



DN 200-300



| DN  | PN | Product no. | 6K1 | 6K2 | D   | D1    | D2    | D3   | D4   | H1  | H2  | H3  | L    | S1  | S2  | kg    |
|-----|----|-------------|-----|-----|-----|-------|-------|------|------|-----|-----|-----|------|-----|-----|-------|
| 25  | 25 | 107025/SL   | 19  |     | 20  | 33.7  | 48.3  | 33.7 | 36.0 | 382 | 365 | 343 | 1500 | 4,0 | 2,6 | 6.0   |
| 32  | 25 | 107032/SL   | 19  |     | 25  | 42.4  | 60.3  | 33.7 | 36.0 | 386 | 364 | 340 | 1500 | 3,6 | 2,6 | 8.0   |
| 40  | 25 | 107040/SL   | 19  |     | 32  | 48.3  | 70.0  | 33.7 | 36.0 | 400 | 376 | 349 | 1500 | 4,5 | 2,6 | 9.0   |
| 50  | 25 | 107050/SL   | 19  |     | 40  | 60.3  | 76.1  | 33.7 | 36.0 | 406 | 376 | 347 | 1500 | 4,0 | 2,9 | 11.0  |
| 65  | 25 | 107065/SL   | 19  |     | 50  | 76.1  | 101.6 | 42.4 | 36.0 | 415 | 376 | 348 | 1500 | 5,0 | 2,9 | 16.0  |
| 80  | 25 | 107080/SL   | 19  |     | 65  | 88.9  | 121.0 | 42.4 | 36.0 | 425 | 380 | 349 | 1500 | 5,6 | 3,2 | 20.0  |
| 100 | 25 | 107100/SL   | 27  |     | 80  | 114.3 | 146.0 | 60.3 | 60.0 | 449 | 392 | 355 | 1500 | 6,3 | 3,6 | 32.0  |
| 125 | 25 | 107125/SL   | 27  |     | 100 | 139.7 | 177.8 | 60.3 | 60.0 | 454 | 384 | 344 | 1500 | 6,3 | 4,0 | 45.0  |
| 150 | 25 | 107150/SL   | 27  |     | 125 | 168.3 | 219.1 | 60.3 | 60.0 | 476 | 391 | 344 | 1500 | 7,1 | 4,5 | 55.0  |
| 200 | 25 | 107200/SL   | 50  | 90  | 150 | 219.1 | 273.0 | 76.1 | -    | 517 | 407 | 349 | 1500 | 7,1 | 4,5 | 83.5  |
| 250 | 25 | 107250/SL   | 50  | 90  | 200 | 273.0 | 355.6 | 76.1 | -    | 560 | 423 | 350 | 1500 | 8,8 | 5,0 | 130.0 |
| 300 | 25 | 107300/SE   | 50  | 90  | 250 | 323.9 | 457.0 | 88.9 | -    | 610 | 448 | 350 | 1800 | 8,8 | 5,6 | 192.0 |

Other stem heights also available