



Three-piece flanged ball valve with type approval according to EN14432:2006 for tanks for the transport of dangerous goods Pressure tanks made of metal according to EN 14025 in accordance with ADR/RID.

Our ball valves are suitable for granulated, powdered media as well as neutral liquids, suspensions and gases. They are characterized by the use of fewer individual parts and space-saving elements as well as easy switchability and long service life.

The full bore reduces flow resistance to a minimum while the double-sided bearing of the ball reduces wear of the ball seats and ensures a uniformly low switching torque over the pressure range.

Our staff and ISO9001 certified quality management system, ensure the highest quality. Factory certificates according to EN 10204 2.2 and 3.1 are available on request.

### Specifications

|                        |                                  |
|------------------------|----------------------------------|
| Nominal pressure       | PN10                             |
| Nominal diameter       | DN50...DN125                     |
| Connection, upstream   | Flange DIN 1092-1 PN16           |
| Connection, downstream | Flange DIN 1092-1 PN16           |
| Max. temperature       | +180 °C / +80 °C mit NBR O-Ringe |
| Min. temperature       | -20 °C / -15 °C mit NBR O-Ringe  |
| Top mounting           | Handlever, with lock-out feature |
| Seat design            | PROKOSCH special casing          |
| Certification          | per EN14432:2006                 |
| Leak rate              | EN12266, Group A                 |

### Materials

|                |  |
|----------------|--|
| Ball           | Stainless steel AISI 304 eq.                             |
| Body           | Ductile iron EN-GJS-400-15                               |
| Seats          | Stainless steel reinforced PTFE seats                    |
| O-rings, seals | FKM as standard, optionally <input type="checkbox"/> NBR |

### Dimensions

|                          | DN       | PN | LW  | L   | D   | K   | d  | i | H   | R   | SW | Weights<br>Kg |
|--------------------------|----------|----|-----|-----|-----|-----|----|---|-----|-----|----|---------------|
| <input type="checkbox"/> | 50 (2")  | 16 | 50  | 144 | 165 | 125 | 18 | 4 | 130 | 250 | 17 | 9,3           |
| <input type="checkbox"/> | 65 (2½") | 16 | 64  | 163 | 185 | 145 | 18 | 4 | 140 | 270 | 19 | 13,7          |
| <input type="checkbox"/> | 80 (3")  | 16 | 78  | 180 | 200 | 160 | 18 | 8 | 150 | 270 | 19 | 17,0          |
| <input type="checkbox"/> | 100 (4") | 16 | 97  | 200 | 220 | 180 | 18 | 8 | 175 | 330 | 27 | 28,5          |
| <input type="checkbox"/> | 125 (5") | 16 | 122 | 200 | 250 | 210 | 18 | 8 | 200 | 300 | 27 | 42,0          |

