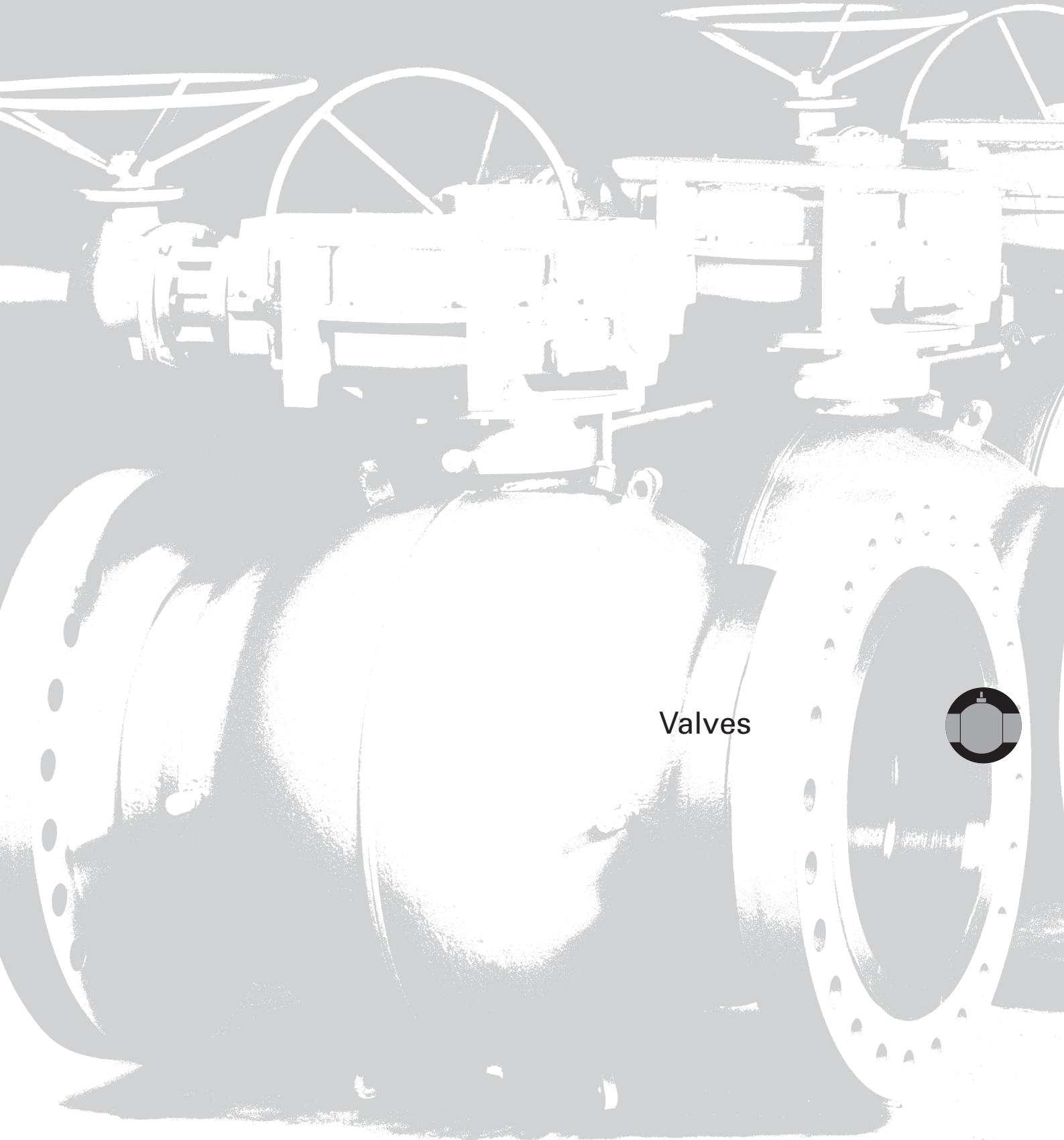


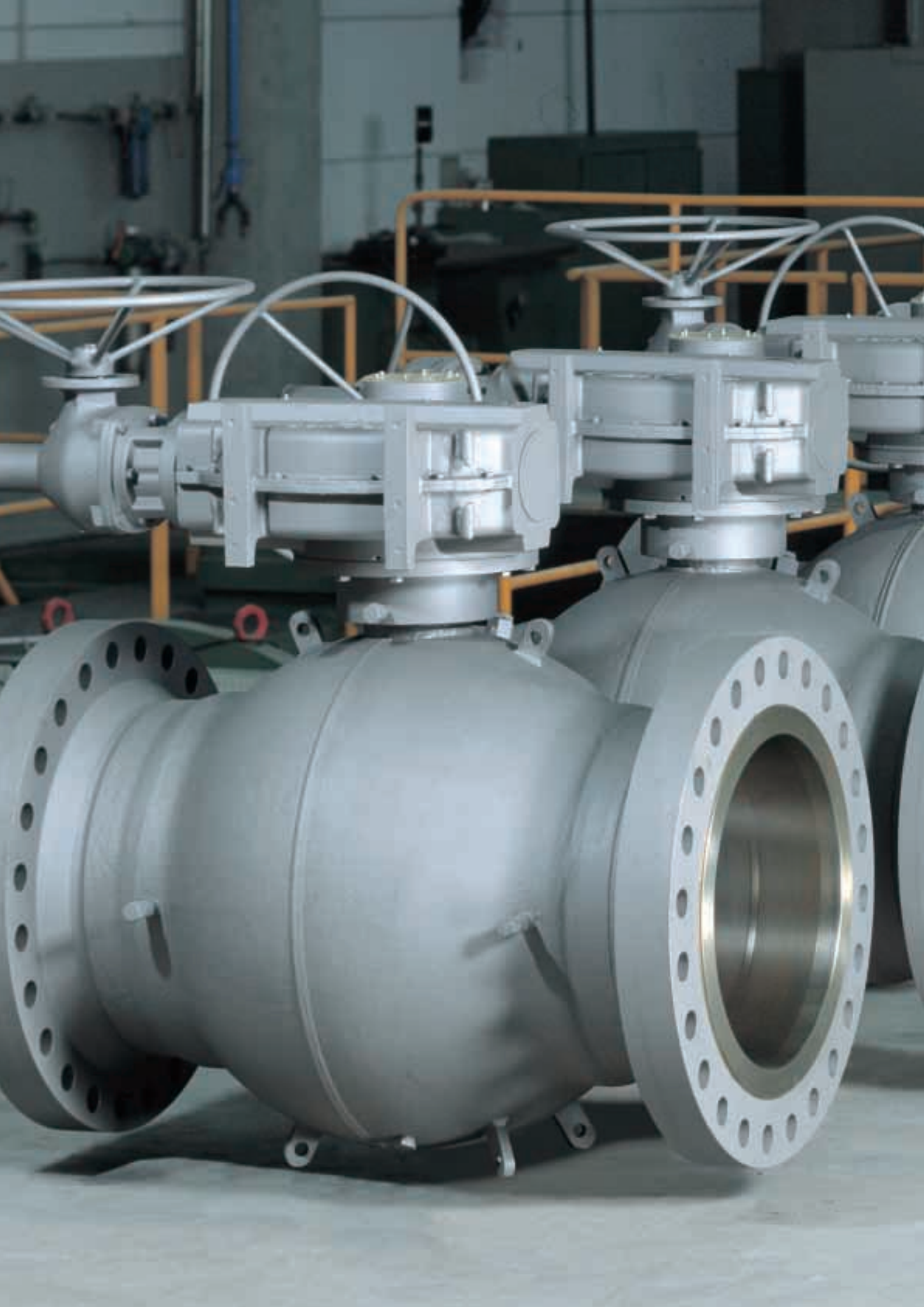


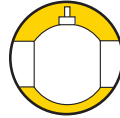
SCHUCK
A R M A T U R E N



Valves







Valves

4 **Quality assurance**

5 **Manufacturing**

Ball valves

Type G

6–7 **Design: Borsig superbloc®**

8 **PN 20 ANSI 150**

9 **PN 40 ANSI 300**

10 **PN 100 ANSI 600**

11 **PN 150 ANSI 900**

Type U

12–13 **Design Borsig superbloc®**

14 **PN 100 ANSI 600**

15 **PN 150 ANSI 900**

16 **PN 250 ANSI 1500**

17 **PN 400 ANSI 2500**

Type AT

18–19 **Drilling T-Piece**

Type SA...

20–21 **PN 4/16, purging ball valves**

Type SK...GTN

22–23 **PN 5, steel ball valves**

Underground ball valves

Type SKPE-E

24–25 **PN 4/PN 10, steel with PE weld-on ends**

Type SKS-E

26–27 **PN 16, steel with steel weld-on ends**

Type PEK-FB

28–29 **Full Bore, PN 10 for gas, PN 16 for water**

Intelligent solutions

Our innovative products are the result of intelligent engineering. Especially in the sensitive area of supplying natural gas even the minutest details are of decisive importance.

Consequently our design team is constantly searching for new improvements to its ball valves.

The extensive patents that they have already acquired and the award of the "German Industry Prize for Innovation" are proof of the value of these intelligent solutions.

Tested and approved

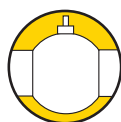
The outstanding quality of SCHUCK valves can stand any comparison. The company carries out its own destructive and non-destructive testing.

Our quality management system has been certificated by leading institutions such as TÜV and API. Auditing in conformity with DIN ISO 9001 and API 6D enables us to supply valves and pipeline equipment all over the world.



Quality DIN ISO 9001

- DIN ISO 9001
- API 6D
- TÜV
- DVGW, ÖVGW, SVGW





Flexibility

Economic independence and a wide manufacturing scope are features of our company. The Steinheim plant has steadily expanded over the past 30 years and now covers more than 35,000 square metres. The forming and plastic department as well tool and die production are in close proximity to one another. The short distances and lack of hierarchical constraints enable us to meet our customers' requirements quickly and easily.





Features

- fully welded construction
- designed in conformity with API Spec. 6D
- floating mounted, self-centering seating ring systems with pre-tensioned spring elements
- trunnion-mounted ball plugs
- low torques
- maintenance-free sealing and mounting systems
- strength of seal determined by the pressure in the line
- double block and bleed
- single piston design (SPE) with self-relieving seating rings
- optional double piston design (DPE) with seating rings providing a seal at both the inflow and outflow sides, not self-relieving
- optional sealing system PMSS: primary metallic/secondary soft seated M: metal to metal
- dual and single adjustable trunnion seal
- secondary injection of sealant
- blow-out protection at trunnions
- drain and vent connections
- no build-up of electrostatic charge
- fireproofed in conformity with 6FA and BS 6755
- optional economical short length for welded end version

Robust, flexible, of proven effectiveness

The Type G ball valve is virtually indestructible. These valves, with their wide range of applications, have been manufactured with great success over the past three decades.

Design

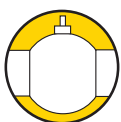
The housing of the G valve is of all-welded construction, enabling it to withstand high internal and external stresses. The combination of many different materials ensures that the valve also operates reliably when exposed to aggressive substances such as acidic gases.

Applications

The Type G ball valve is used in long distance pipelines, substations and on platforms, as a shut-off device for oil, water, gas and product pipelines.

Low weight and ideal shape

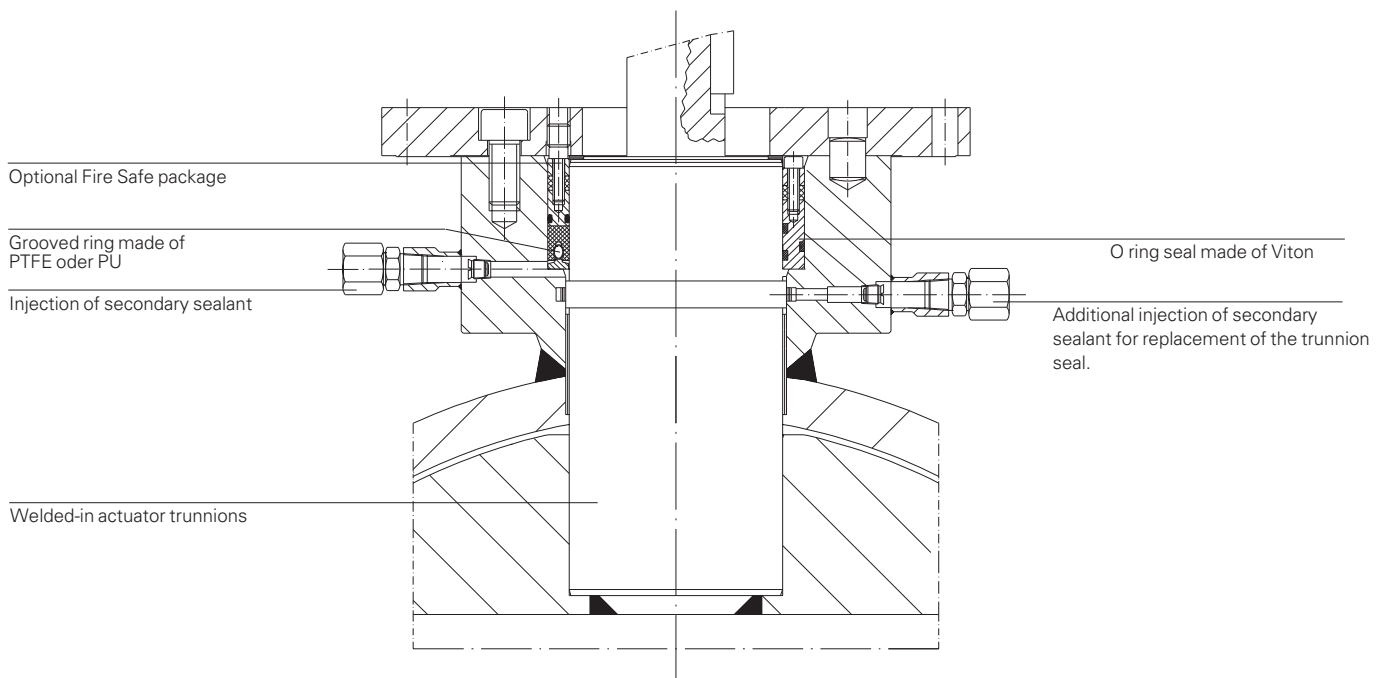
The housing is shaped to match the contours of the ball plug. This keeps the dead weight to a minimum and ensures an ideal shape for the pressurised container, which can cope with very high pressures and maximum bending moments.



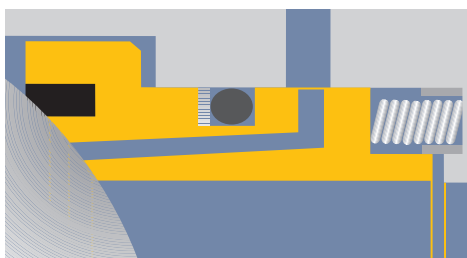
Replaceable trunnion seal

The trunnion seals on our Type G ball valve can be replaced even when the pipeline is under maximum pressure.

The modular design enables us to provide various trunnion seal systems to meet your specific requirements.



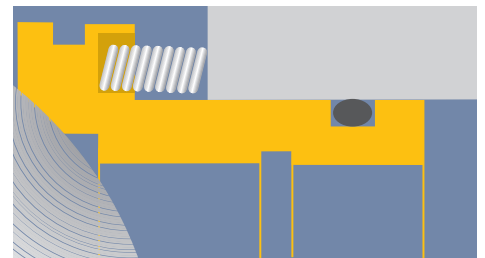
Sealing system: soft-seated



Sealing system: PMSS, primary metallic/
secondary soft-seated



Sealing system: metal to metal

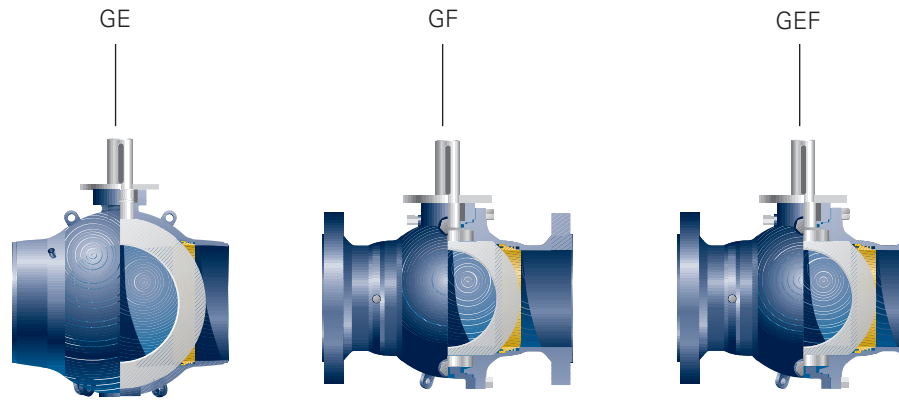


- GE ball valves with welded ends
- GF ball valves with flanged ends
- GEF ball valves with welded ends flange ends

Weights and overall lengths of the GEF version are calculated using the formula:

weight $G_{GEF} = \frac{G_{GF} + G_{GE}}{2}$

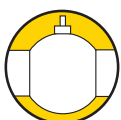
overall length $L_{GEF} = \frac{L_{GF} + L_{GE}}{2}$

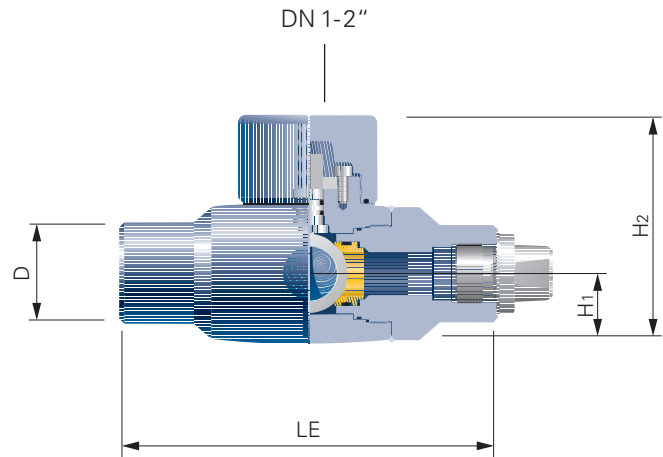
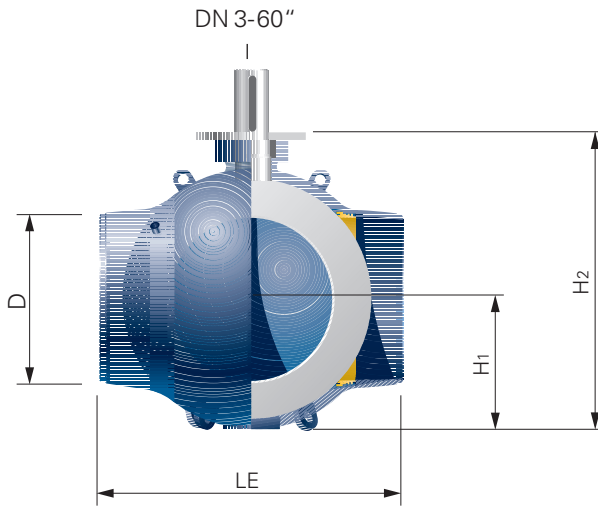


| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H ₁ | H ₂ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|------|------|------------------|-------------------|----------------|----------------|-----------|--|
| 1/2 | 15 | 13 | 165 | 165 | 165 | 25 | 86 | 3 | 4 |
| 1 | 25 | 25 | 216 | 216 | 216 | 43 | 120 | 6 | 8 |
| 2 | 50 | 50 | 216 | 216 | 216 | 60 | 180 | 10 | 12 |
| 3 | 80 | 74 | 283 | 203 | 216 | 86 | 226 | 22 | 31 |
| 4 | 100 | 100 | 305 | 229 | 241 | 110 | 261 | 34 | 37 |
| 6 | 150 | 150 | 457 | 394 | 406 | 165 | 365 | 75 | 88 |
| 8 | 200 | 201 | 521 | 457 | 470 | 234 | 509 | 200 | 219 |
| 10 | 250 | 252 | 559 | 533 | 546 | 285 | 608 | 326 | 366 |
| 12 | 300 | 303 | 635 | 610 | 622 | 330 | 701 | 490 | 555 |
| 14 | 350 | 334 | 762 | 686 | 699 | 320 | 760 | 411 | 485 |
| 16 | 400 | 385 | 838 | 762 | 775 | 355 | 836 | 569 | 668 |
| 18 | 450 | 436 | 914 | 864 | 876 | 390 | 912 | 761 | 880 |
| 20 | 500 | 487 | 991 | 914 | 927 | 420 | 984 | 999 | 1141 |
| 22 | 550 | 538 | 1092 | 1016 | - | 455 | 1060 | 1282 | 1455 |
| 24 | 600 | 589 | 1143 | 1067 | 1080 | 485 | 1126 | 1609 | 1809 |
| 26 | 650 | 633 | 1245 | 1143 | - | 525 | 1203 | 1984 | 2256 |
| 28 | 700 | 684 | 1346 | 1245 | - | 550 | 1271 | 2448 | 2766 |
| 30 | 750 | 735 | 1397 | 1295 | - | 585 | 1362 | 3006 | 3380 |
| 32 | 800 | 779 | 1524 | 1372 | - | 620 | 1430 | 3563 | 4032 |
| 34 | 850 | 830 | 1626 | 1473 | - | 665 | 1518 | 4263 | 4762 |
| 36 | 900 | 874 | 1727 | 1524 | - | 695 | 1586 | 4921 | 5526 |
| 40 | 1000 | 976 | 1780 | 1727 | - | 770 | 1759 | 6776 | 7522 |
| 42 | 1050 | 1020 | 1830 | 1829 | - | 805 | 1834 | 7709 | 8594 |
| 44 | 1100 | 1066 | 1621 | 1905 | - | 840 | 1907 | 8791 | 9772 |
| 48 | 1200 | 1166 | 2020 | 2057 | - | 920 | 2085 | 11437 | 12556 |
| 56 | 1400 | 1384 | 2048 | 2362 | - | 1085 | 2413 | 18773 | 20301 |

LF_{RF} = flange with smooth sealing (RF)

LF_{RTJ} = flange with groove ring sealing (RTJ)





| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H ₁ | H ₂ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|------|------|------------------|-------------------|----------------|----------------|-----------|--|
| 1/2 | 15 | 13 | 165 | 165 | 165 | 25 | 86 | 3 | 4 |
| 1 | 25 | 25 | 216 | 216 | 216 | 43 | 120 | 6 | 8 |
| 2 | 50 | 50 | 216 | 216 | 232 | 60 | 180 | 10 | 12 |
| 3 | 80 | 74 | 283 | 283 | 298 | 86 | 226 | 22 | 31 |
| 4 | 100 | 100 | 305 | 305 | 321 | 110 | 261 | 34 | 48 |
| 6 | 150 | 150 | 403 | 403 | 419 | 165 | 365 | 75 | 109 |
| 8 | 200 | 201 | 521 | 502 | 518 | 234 | 509 | 200 | 245 |
| 10 | 250 | 252 | 559 | 568 | 584 | 285 | 608 | 326 | 402 |
| 12 | 300 | 303 | 635 | 648 | 664 | 330 | 701 | 490 | 609 |
| 14 | 350 | 334 | 762 | 762 | 778 | 320 | 760 | 414 | 571 |
| 16 | 400 | 385 | 838 | 838 | 854 | 355 | 836 | 570 | 771 |
| 18 | 450 | 436 | 914 | 914 | 930 | 390 | 912 | 765 | 1012 |
| 20 | 500 | 487 | 991 | 991 | 1010 | 420 | 984 | 1006 | 1308 |
| 22 | 550 | 538 | 1092 | 1092 | 1114 | 455 | 1060 | 1285 | 1653 |
| 24 | 600 | 589 | 1143 | 1143 | 1165 | 485 | 1126 | 1614 | 2056 |
| 26 | 650 | 633 | 1245 | 1245 | 1270 | 525 | 1203 | 1989 | 2519 |
| 28 | 700 | 684 | 1346 | 1346 | 1372 | 550 | 1271 | 2459 | 3114 |
| 30 | 750 | 735 | 1397 | 1397 | 1422 | 585 | 1362 | 3033 | 3775 |
| 32 | 800 | 779 | 1524 | 1524 | 1553 | 620 | 1430 | 3580 | 4466 |
| 34 | 850 | 830 | 1626 | 1626 | 1654 | 665 | 1518 | 4279 | 5272 |
| 36 | 900 | 874 | 1727 | 1727 | 1756 | 695 | 1586 | 4937 | 6079 |
| 40 | 1000 | 976 | 1780 | 1803 | – | 770 | 1759 | 6795 | 7584 |
| 42 | 1050 | 1020 | 1830 | 1880 | – | 805 | 1834 | 7748 | 8619 |
| 44 | 1100 | 1066 | 1621 | 1956 | – | 840 | 1907 | 8830 | 9802 |
| 48 | 1200 | 1166 | 2020 | 2134 | – | 920 | 2085 | 11457 | 12692 |
| 56 | 1400 | 1384 | 2048 | 2489 | – | 1085 | 2413 | 18856 | 20905 |

dimensions in mm / weight in kg
Reduced and venturi bores available on request

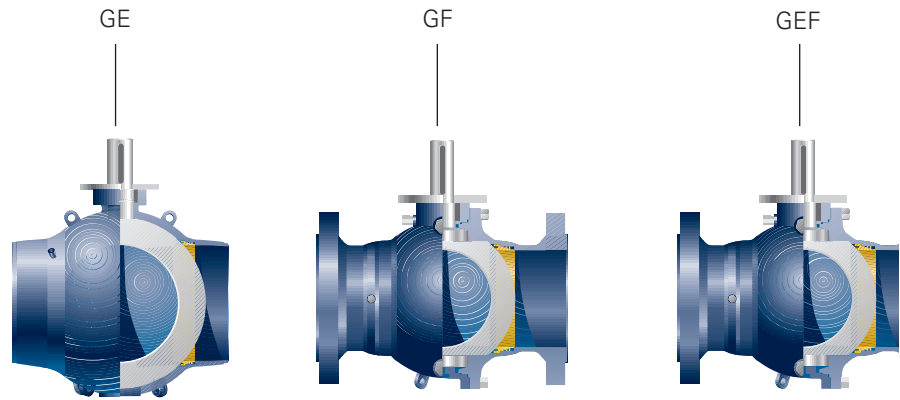
LF_{RF} = flange with smooth sealing (RF)
LF_{RTJ} = flange with groove ring sealing (RTJ)

- GE ball valves with welded ends
- GF ball valves with flanged ends
- GEF ball valves with welded ends flange ends

Weights and overall lengths of the GEF version are calculated using the formula:

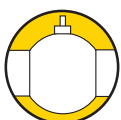
weight $G_{GEF} = \frac{G_{GF} + G_{GE}}{2}$

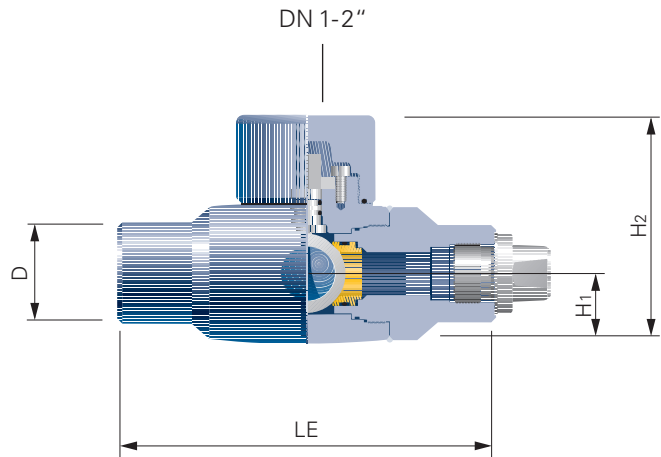
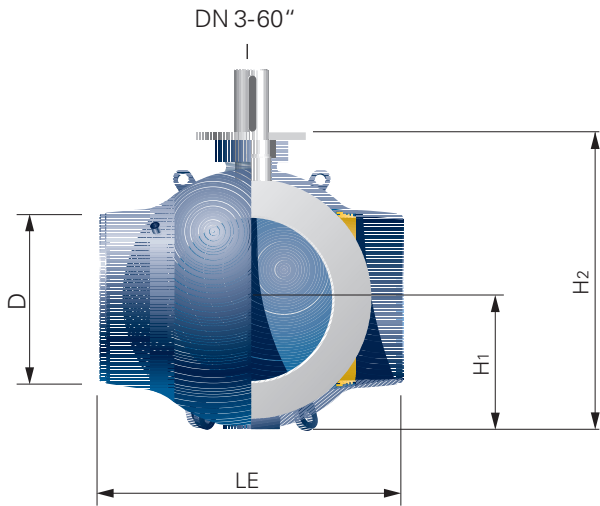
overall length $L_{GEF} = \frac{L_{GF} + L_{GE}}{2}$



| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H ₁ | H ₂ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|------|------|------------------|-------------------|----------------|----------------|-----------|--|
| 1/2 | 15 | 13 | 165 | 165 | 165 | 25 | 86 | 3 | 4 |
| 1 | 25 | 25 | 216 | 216 | 216 | 43 | 120 | 6 | 8 |
| 2 | 50 | 50 | 292 | 292 | 295 | 60 | 180 | 16 | 22 |
| 3 | 80 | 74 | 356 | 356 | 359 | 86 | 226 | 22 | 34 |
| 4 | 100 | 100 | 432 | 432 | 435 | 110 | 261 | 34 | 63 |
| 6 | 150 | 150 | 559 | 559 | 562 | 165 | 365 | 75 | 136 |
| 8 | 200 | 201 | 660 | 660 | 664 | 234 | 509 | 201 | 294 |
| 10 | 250 | 252 | 787 | 787 | 791 | 285 | 608 | 327 | 490 |
| 12 | 300 | 303 | 838 | 838 | 841 | 330 | 701 | 492 | 689 |
| 14 | 350 | 334 | 889 | 889 | 892 | 320 | 760 | 415 | 642 |
| 16 | 400 | 385 | 991 | 991 | 994 | 355 | 836 | 574 | 894 |
| 18 | 450 | 436 | 1092 | 1092 | 1095 | 385 | 912 | 768 | 1181 |
| 20 | 500 | 487 | 1194 | 1194 | 1200 | 420 | 984 | 1010 | 1542 |
| 22 | 550 | 538 | 1295 | 1295 | 1305 | 450 | 1060 | 1301 | 1942 |
| 24 | 600 | 589 | 1397 | 1397 | 1407 | 485 | 1126 | 1625 | 2420 |
| 26 | 650 | 633 | 1448 | 1448 | 1461 | 520 | 1203 | 1999 | 2927 |
| 28 | 700 | 684 | 1549 | 1549 | 1562 | 550 | 1271 | 2459 | 3539 |
| 30 | 750 | 735 | 1651 | 1651 | 1664 | 585 | 1362 | 3033 | 4285 |
| 32 | 800 | 779 | 1778 | 1778 | 1794 | 620 | 1430 | 3580 | 5055 |
| 34 | 850 | 830 | 1930 | 1930 | 1946 | 660 | 1518 | 4231 | 5960 |
| 36 | 900 | 874 | 2083 | 2083 | 2099 | 695 | 1586 | 4950 | 7021 |
| 40 | 1000 | 976 | 2100 | 2159 | – | 780 | 1759 | 7317 | 9532 |
| 42 | 1050 | 1020 | 2200 | 2235 | – | 820 | 1834 | 8352 | 10972 |
| 44 | 1100 | 1066 | 2200 | 2311 | – | 850 | 1907 | 9623 | 12436 |
| 48 | 1200 | 1166 | 2300 | 2489 | – | 930 | 2085 | 12488 | 16111 |
| 56 | 1400 | 1384 | 2500 | 2921 | – | 1100 | 2413 | 20122 | 25848 |

LF_{RF} = flange with smooth sealing (RF)
LF_{RTJ} = flange with groove ring sealing (RTJ)





| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H ₁ | H ₂ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|------|------|------------------|-------------------|----------------|----------------|-----------|--|
| 1/2 | 15 | 13 | 165 | 216 | 216 | 25 | 86 | 3 | 4 |
| 1 | 25 | 25 | 216 | 254 | 254 | 43 | 120 | 7 | 14 |
| 2 | 50 | 50 | 292 | 368 | 371 | 60 | 180 | 17 | 38 |
| 3 | 80 | 74 | 381 | 381 | 384 | 86 | 226 | 24 | 50 |
| 4 | 100 | 100 | 457 | 457 | 460 | 110 | 261 | 37 | 73 |
| 6 | 150 | 150 | 610 | 610 | 613 | 165 | 365 | 80 | 170 |
| 8 | 200 | 201 | 737 | 737 | 740 | 234 | 509 | 201 | 351 |
| 10 | 250 | 252 | 838 | 838 | 841 | 285 | 608 | 327 | 555 |
| 12 | 300 | 303 | 965 | 965 | 968 | 330 | 701 | 492 | 804 |
| 14 | 350 | 322 | 1029 | 1029 | 1038 | 295 | 729 | 559 | 904 |
| 16 | 400 | 373 | 1130 | 1130 | 1140 | 335 | 814 | 765 | 1213 |
| 18 | 450 | 423 | 1219 | 1219 | 1232 | 370 | 890 | 1004 | 1616 |
| 20 | 500 | 471 | 1321 | 1321 | 1334 | 410 | 972 | 1312 | 2094 |
| 22 | 550 | 522 | 1429 | 1429 | 1448 | 450 | 1072 | 1684 | 2758 |
| 24 | 600 | 570 | 1549 | 1549 | 1568 | 490 | 1153 | 2111 | 3585 |
| 26 | 650 | 617 | 1600 | 1600 | 1622 | 520 | 1220 | 2544 | 4065 |
| 28 | 700 | 665 | 1702 | 1702 | 1724 | 560 | 1303 | 3134 | 4990 |
| 30 | 750 | 712 | 1778 | 1778 | 1802 | 600 | 1385 | 3827 | 5962 |
| 32 | 800 | 760 | 1880 | 1880 | 1902 | 635 | 1458 | 4477 | 7061 |
| 34 | 850 | 808 | 1981 | 1981 | 2010 | 675 | 1541 | 5343 | 8386 |
| 36 | 900 | 855 | 2134 | 2134 | 2162 | 710 | 1623 | 6132 | 9763 |
| 40 | 1000 | 952 | 2100 | 2283 | 2311 | 795 | 1793 | 8560 | 12581 |
| 42 | 1050 | 998 | 2200 | 2438 | 2461 | 830 | 1871 | 9744 | 14360 |
| 44 | 1100 | 1046 | 2200 | 2540 | 2568 | 865 | 1944 | 11005 | 16338 |
| 48 | 1200 | 1141 | 2300 | 2769 | 2797 | 945 | 2115 | 14307 | 21145 |

dimensions in mm / weight in kg
Reduced and venturi bore available on request

LF_{RF} = flange with smooth sealing (RF)
LF_{RTJ} = flange with groove ring sealing (RTJ)

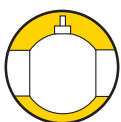


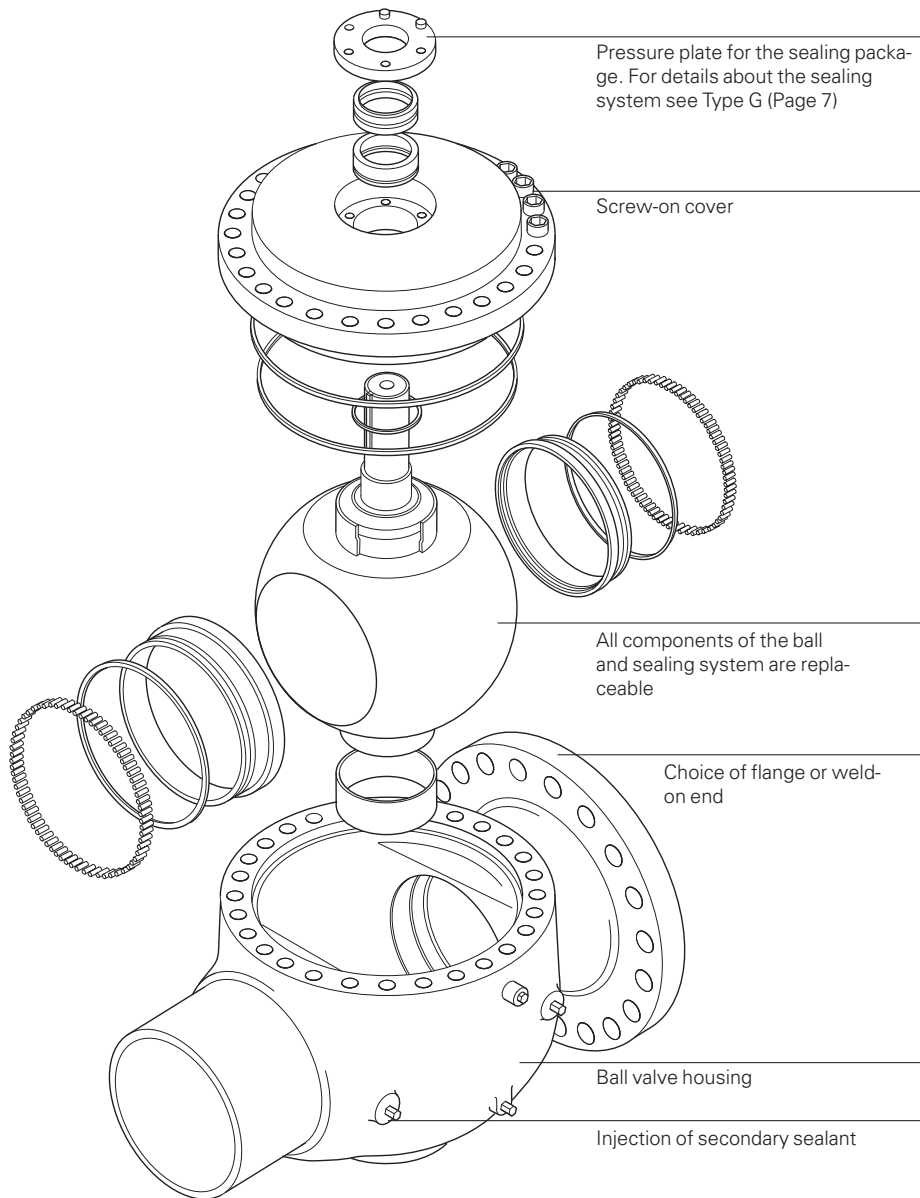
Easy to service.

The Type U ball valve presents no problems if work needs to be carried out on it, and can be easily repaired even when installed in pipelines. Without exaggeration it can be said that this is the easiest ball valve in the world to maintain.

Features:

- top entry construction
- designed in accordance with API Spec. 6D
- floating mounted, self-centering seat ring systems with pre-tensioned spring elements
- trunnion-mounted ball plugs
- low torques
- maintenance-free sealing and mounting systems
- strength of seal determined by the pressure in the line
- double block and bleed
- single piston design (SPE) with self-relieving seating rings
- optional double piston design (DPE) with seating rings providing a seal at both the inflow and outflow sides, not self-relieving
- optional sealing system soft: soft-seated PMSS: primary metallic/secondary soft seated M: metal to metal
- dual and single adjustable trunnion seal
- trunnion seal can be replaced even when the pipeline is under maximum pressure
- optional secondary injection of sealant
- blow-out protection at trunnions
- drain and vent connections
- no build-up of electrostatic charge
- fireproofed in accordance with API 6FA and BS 6755
- repairs can be carried out when installed in pipeline





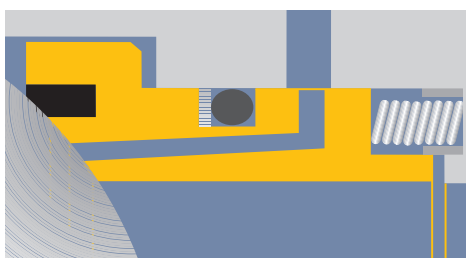
Design

The Type U ball valve is easy to maintain and is a popular choice on platforms. In addition to its simple assembly, one of the main advantages of the top entry design is the ease of spare parts delivery. The heaviest item to be transported to the site only accounts for a quarter of the overall weight.

Applications

The Type U ball valve is mainly used in pipeline stations and on offshore platforms as a shut-off device for gas, oil, water and other aggressive products. On platforms in particular its resistance to aggressive media such as salt water or acidic gases is invaluable. The undivided pot shape is also known internationally as the top entry design. This type of construction enables any worn parts to be easily removed without having to remove the ball valve from the pipeline system. The housing is available in forged or cast steel and has a screw-on top. The flanges and/or welded ends are welded on.

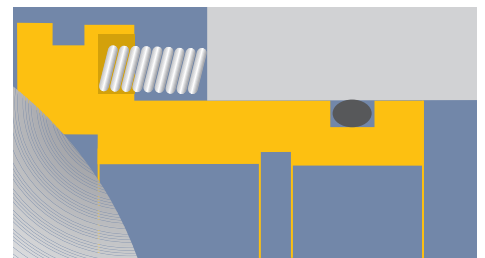
sealing system: soft seated



sealing system: PMSS, primary metallic / secondary soft-seated



sealing system: metal-to-metal



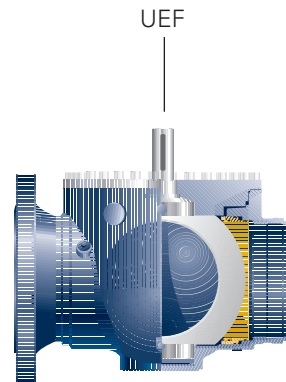
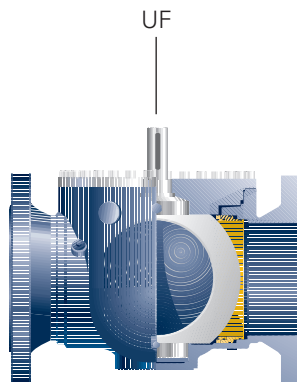
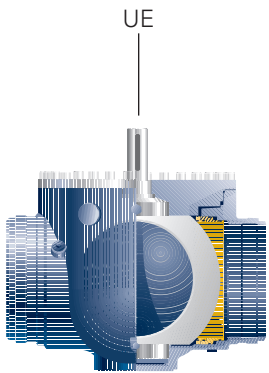
- UE ball valves with welded ends
- UF ball valves with flanged ends
- UEF ball valves with welded ends flange ends

Weights and overall lengths of the UEF version are calculated using the formula:

NW 24" and smaller,
ANSI 600 and 900 without seat adjusters

weight
$$G_{UEF} = \frac{G_{UF} + G_{UE}}{2}$$

overall length
$$L_{UEF} = \frac{L_{UF} + L_{UE}}{2}$$

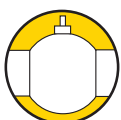


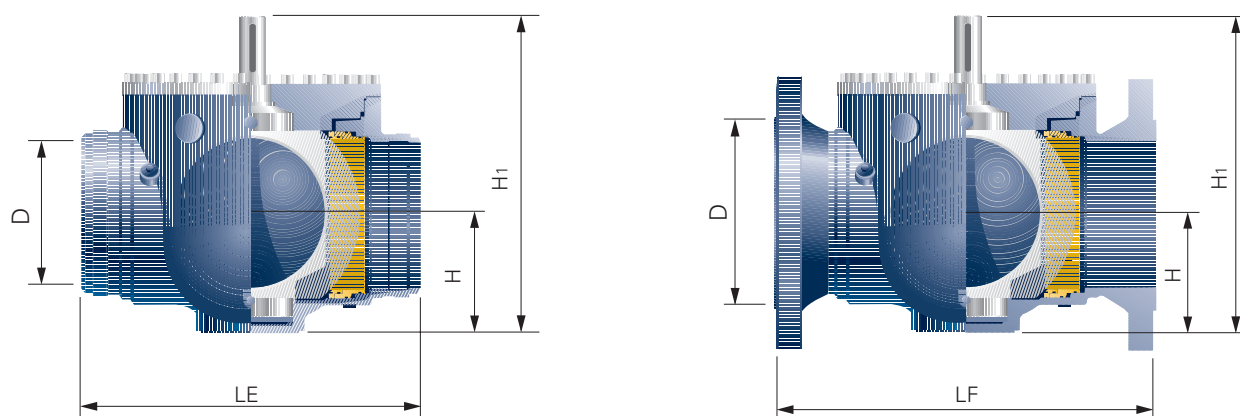
| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H | H ₁ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|------|------|------------------|-------------------|-----|----------------|-----------|--|
| 6 | 150 | 150 | 559 | 559 | 562 | 130 | 451 | 160 | 220 |
| 8 | 200 | 201 | 660 | 660 | 664 | 166 | 523 | 270 | 350 |
| 10 | 250 | 252 | 787 | 787 | 791 | 209 | 675 | 450 | 600 |
| 12 | 300 | 303 | 838 | 838 | 841 | 240 | 744 | 530 | 800 |
| 14 | 350 | 334 | 889 | 889 | 892 | 280 | 781 | 860 | 1100 |
| 16 | 400 | 385 | 991 | 991 | 994 | 317 | 959 | 1400 | 1750 |
| 18 | 450 | 436 | 1092 | 1092 | 1095 | 357 | 1029 | 1700 | 2100 |
| 20 | 500 | 487 | 1194 | 1194 | 1200 | 395 | 1142 | 2100 | 2500 |
| 24 | 600 | 589 | 1397 | 1397 | 1407 | 471 | 1285 | 3150 | 3900 |
| 28 | 700 | 684 | 1549 | 1549 | 1562 | 554 | 1475 | 4850 | 5600 |
| 30 | 750 | 735 | 1651 | 1651 | 1664 | 586 | 1590 | 6700 | 7500 |
| 32 | 800 | 779 | 1778 | 1778 | 1794 | 622 | 1640 | 9300 | 10100 |
| 36 | 900 | 874 | 2083 | 2083 | 2099 | 694 | 1790 | 12350 | 13500 |
| 40 | 1000 | 976 | 2333 | 2333 | 2352 | 596 | 1683 | 16300 | 18000 |
| 42 | 1050 | 1020 | 2467 | 2467 | 2496 | 808 | 2041 | 20150 | 22000 |
| 48 | 1200 | 1166 | 2867 | 2867 | - | 922 | 2261 | 28400 | 30700 |

Important: shortest possible overall length = ANSI 600

LF_{RF} = flange with smooth sealing (RF)

LF_{RTJ} = flange with groove ring sealing (RTJ)





| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H | H ₁ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|-----|------|------------------|-------------------|-----|----------------|-----------|--|
| 6 | 150 | 150 | 610 | 610 | 613 | 130 | 451 | 195 | 170 |
| 8 | 200 | 201 | 737 | 737 | 740 | 166 | 523 | 340 | 475 |
| 10 | 250 | 252 | 838 | 838 | 841 | 209 | 675 | 575 | 770 |
| 12 | 300 | 303 | 965 | 965 | 968 | 240 | 744 | 875 | 1150 |
| 14 | 350 | 322 | 1029 | 1029 | 1038 | 284 | 857 | 1300 | 1710 |
| 16 | 400 | 373 | 1130 | 1130 | 1140 | 321 | 961 | 1800 | 2300 |
| 18 | 450 | 423 | 1219 | 1219 | 1232 | 293 | 1029 | 2300 | 3010 |
| 20 | 500 | 471 | 1321 | 1321 | 1334 | 400 | 1147 | 3010 | 3850 |
| 24 | 600 | 570 | 1549 | 1549 | 1568 | 478 | 1359 | 4900 | 6470 |
| 30 | 750 | 712 | 1926 | 1926 | 1948 | 594 | 1626 | 9200 | 10700 |
| 36 | 900 | 760 | 2323 | 2323 | 2352 | 705 | 1845 | 16700 | 19100 |
| 40 | 1000 | 952 | 2589 | 2589 | 2617 | 830 | 2218 | 22000 | 24300 |
| 42 | 1050 | 998 | 2721 | 2721 | 2809 | 859 | 2275 | 27100 | 29500 |

dimensions in mm / weight in kg
Reduced and venturi bores available on request

LFRF = flange with smooth sealing (RF)
LFR TJ = flange with groove ring sealing (RTJ)

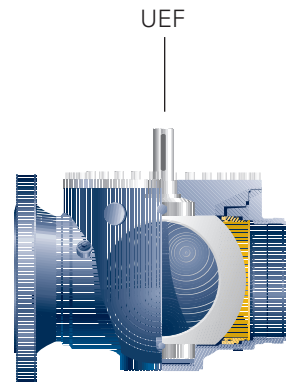
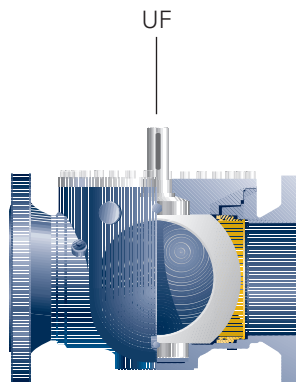
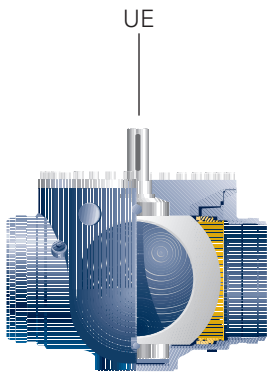
- UE ball valves with welded ends
- UF ball valves with flanged ends
- UEF ball valves with welded ends flange ends

Weights and overall lengths of the UEF version are calculated using the formula:

NW 24" and smaller, ANSI 600 and 900 without seat adjusters.

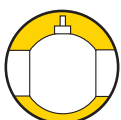
weight $G_{UEF} = \frac{G_{UF} + G_{UE}}{2}$

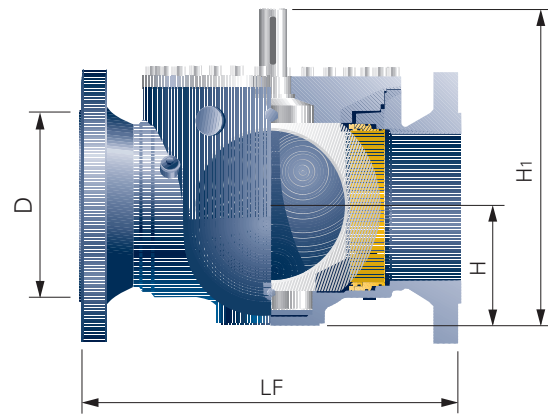
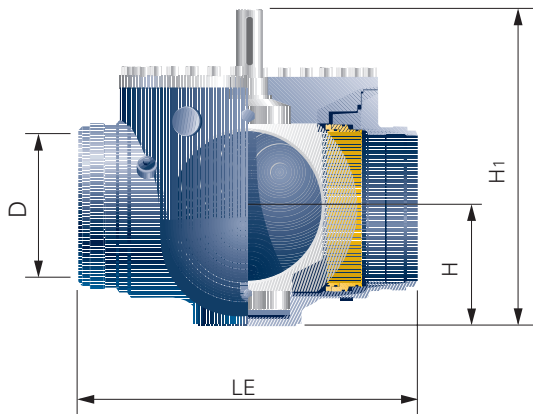
overall length $L_{UEF} = \frac{L_{UF} + L_{UE}}{2}$



| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H | H ₁ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|-----|------|------------------|-------------------|-----|----------------|-----------|--|
| 6 | 150 | 144 | 705 | 705 | 711 | 200 | 629 | 510 | 630 |
| 8 | 200 | 192 | 832 | 832 | 841 | 254 | 881 | 850 | 1050 |
| 10 | 250 | 239 | 991 | 991 | 1000 | 300 | 910 | 1660 | 2000 |
| 12 | 300 | 287 | 1130 | 1130 | 1146 | 335 | 1028 | 2060 | 2550 |
| 14 | 350 | 315 | 1257 | 1257 | 1276 | 370 | 1043 | 2470 | 2920 |
| 16 | 400 | 360 | 1384 | 1384 | 1407 | 445 | 1196 | 2850 | 3800 |
| 20 | 500 | 460 | 1664 | 1664 | 1686 | 570 | 1365 | 6000 | 7500 |
| 24 | 600 | 550 | 1943 | 1943 | 1972 | 530 | 1517 | 8150 | 10600 |
| 30 | 750 | 670 | 2366 | 2366 | 2388 | - | - | - | - |
| 36 | 900 | 800 | 2789 | 2789 | 2811 | - | - | - | - |

LFRF = flange with smooth sealing (RF)
LFRTJ = flange with groove ring sealing (RTJ)





| DN inch | DN mm | D | LE | LF _{RF} | LF _{RTJ} | H | H ₁ | weight LE | weight LF _{RF} /LF _{RTJ} |
|---------|-------|-----|------|------------------|-------------------|-----|----------------|-----------|--|
| 6 | 150 | 131 | 914 | 914 | 927 | 200 | 652 | 561 | 870 |
| 8 | 200 | 179 | 1022 | 1022 | 1038 | 260 | 772 | 935 | 1200 |
| 10 | 250 | 223 | 1270 | 1270 | 1292 | 290 | 926 | 1826 | 2200 |
| 12 | 300 | 265 | 1422 | 1422 | 1445 | 335 | 1076 | 2266 | 2775 |
| 16 | 400 | 340 | 1714 | 1714 | 1737 | – | – | – | – |
| 18 | 450 | 385 | 1857 | 1857 | 1800 | – | – | – | – |
| 20 | 500 | 429 | 1999 | 1999 | 2022 | – | – | – | – |
| 24 | 600 | 516 | 2288 | 2288 | 2311 | – | – | – | – |

dimensions in mm / weight in kg
Reduced and Venturi passage available on request.

LFRF = flange with smooth sealing (RF)
LFR TJ = flange with groove ring sealing (RTJ)

Design

For welding on to convex surfaces.
For use on drilling clamps with threaded connection with external and internal thread. Options of integral non return valve or hex head plug.
Plug with and without O-ring seal. Production range of outlet neck of DN 25 (DA 32) to DN 50.
(DA 63) with steel weld end or PE outlet.
Housing body DN 1 1/2"
Thread $D_i = 1\ 1/2"$, $D_s = 2"$.
Housing body DN 2".
Thread $D_i = 2"$, $D_s = 2\ 1/2"$.
Special version:
with thread or saddle surface.

Application Ranges

For initial drilling of main pipeline under pressure without gas escaping. As a non-return assembly by installing a non-return valve or a plug.
Plug and valve can be welded to the forged housing.

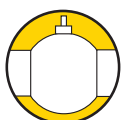
Version, Type AT-V, suitable for use with non-return valve..

Version, Type AT, suitable for use with plug.

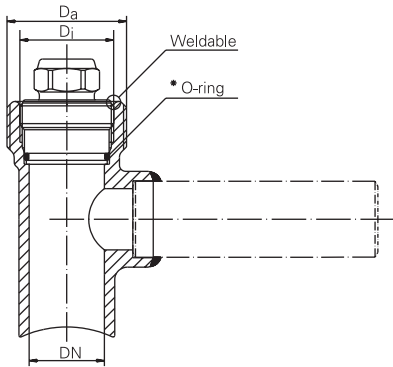
When the valve is in open position, the valve plate provides an automatic return flow seal.

Production and Inspection

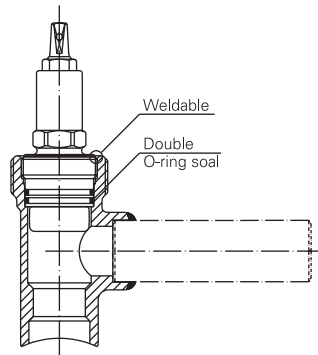
Requirement and inspection in acc. with DVGW-VP300 Type inspection.
Housing and plug made of forged steel S355J2G4.
Valve spindle made of stainless steel
Bronze valve plate with rubber sheath.
Rubber gasket made of aging-resistant Perbunan in acc. with DIN 3535, Part 3.
Technical description for PE steel connectors, Type PESV, and PE steel clamp connector.
Type PESK; refer to separate brochure.



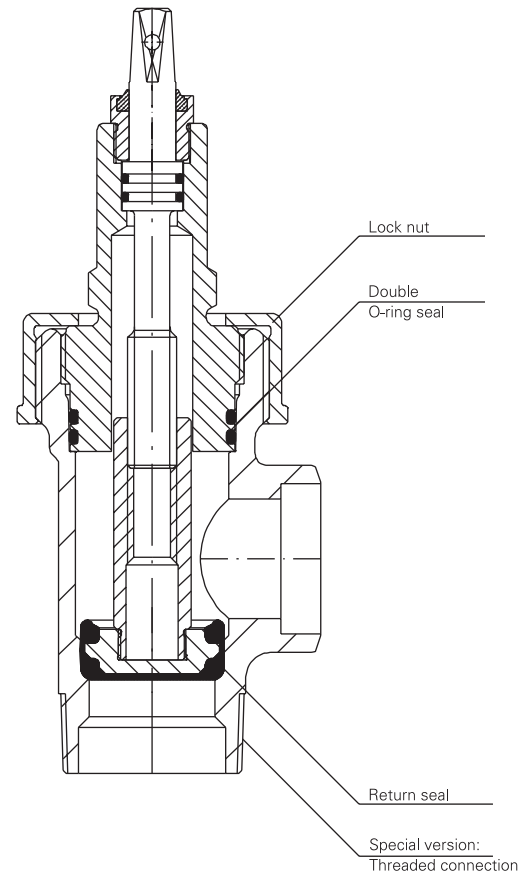
AT-S
with plug and steel welding connection



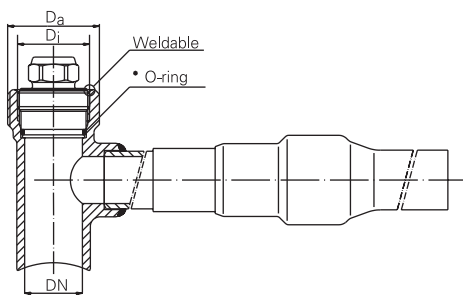
AT.V-S
With non-return and steel welding connection



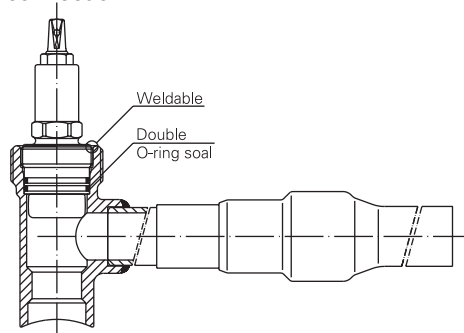
Design variants with lock nut and thread or steel connection.



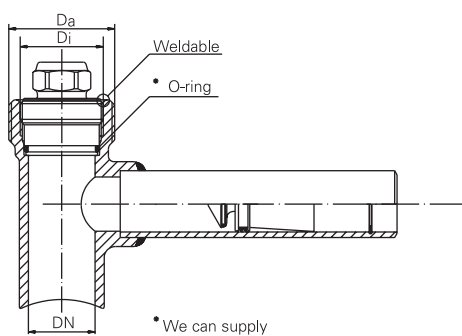
AT-PE
With plug and PE connection



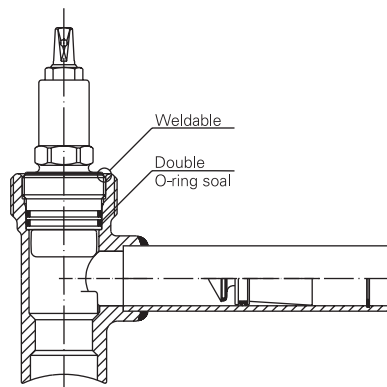
AT.V-PE
With non return valve and steel welding connection



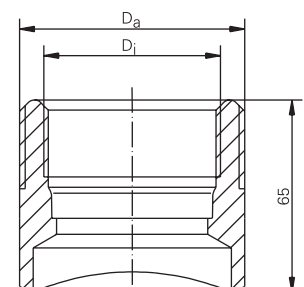
AT-GS
With plug and integrated Gas flow safety device



AT.V-GS
With non-return valve and integrated Gas flow safety device



AS
Weld-on neck



Features

SCHUCK-SA... ball valves are designed to comply with DIN 3547-1/DIN EN 13774. In order to extend the purging line the basic design can be supplied with internal threads and plugs or flanges.

SA... ball valves provide a thoroughly effective seal and excellent resistance to deformation, and even after long periods of inactivity they are guaranteed to operate smoothly and leak-free.

SCHUCK-SA... ball valves are completely maintenance-free.

Sealing system

Seals made of age-resistant Perbunan quality DIN 3535 T3/DIN EN 682.

This compensates for any thermal or mechanical changes.

Operating lever in the form of a handle

To enable the ball valve to be operated where space is limited, the operating lever is in the form of a handle.

Design

SCHUCK-SA... ball valves

Series:

Outlet with internal thread connection with threaded plug and threaded cover or with flange connection (standard design). Inlet side with steel or PE-HD weld-on end such as

- gas pipe made of P235TR2 in accordance with DIN 1626/DIN 1629
- plastic connecting pipe in accordance with DIN 8074/8075
- PE 80 (MRS 8) or PE 100 (MRS 10)
- SDR 11
- MFI Group 010 or 003
- polyurethane outer coating DIN 30677
- temperature range -10° to 70°C

Tests

- in conformity with DIN 3230 Part 5
- quality certification with DIN-DVGW registration

Advantages

- forged and welded construction
- maintenance-free seals and mountings
- parts cannot seize-up
- actuating bolts with dual O ring seal



Applications

In gas supply lines for gas quality in accordance with DVGW Worksheet G 260.

Applications

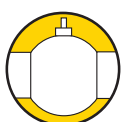
As a purging valve in valve boxes for welding into the pipeline network.

The connection for continuing the purging line can be made with either a flange or thread.

Apart from the welded-on end, the ball valves are coated on all sides with polyurethane and no further insulation is required if they are to be installed underground.

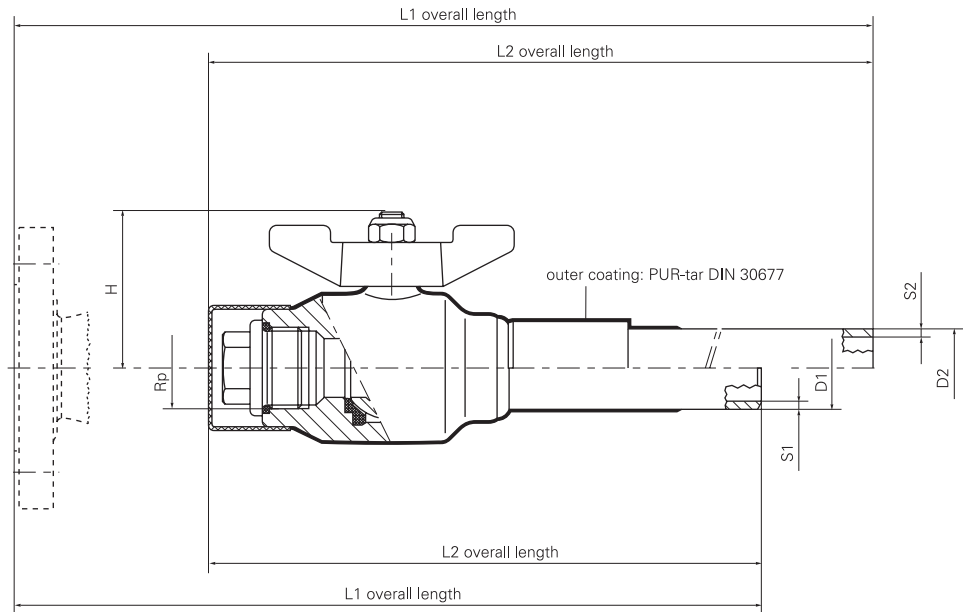
Max. operating pressure 16 bar with: PE 80 connection 4 bar;

PE 100 connection 10 bar.



Type

requirements in accordance with
DIN 3547 T1/DIN EN 13774,
DVGW-VP 600.
housing made of steel, welded.
brass ball, polished.
brass actuating bolts,
sealed with two O rings.
seals made of age-resistant Perbunan quality
DIN 3535 T3/DIN EN 682.
On inlet side option of steel or PE-HD
welded-on ends, on outlet side option of
threaded plugs and threaded cover or flange
closure PN 16 DIN 2633.
outer coating: polyurethane DIN 30677.



Materials

| | |
|----------------|---------------------------------------|
| housing | steel S355J2G4 |
| actuator shaft | brass |
| ball | brass, polished |
| seals | Perbunan (DIN 3535 T3/ DIN EN 682) |

Typical order

SCHUCK SAPEV ball valve
Example: inlet with PE-HD welded-on end,
outlet with thread, nominal width, medium,
operating pressure, temperature, and
quantity to be indicated. Other materials
and versions possible on request
(customer specification).

To follow

SA = Schuck Ausbläser
S = Stahl-Anschweißende
PH = PE-Anschweißende
M = mit Gewinde
K = Kurze Baulänge
V = Verschlussstopfen

| DN | PN ¹⁾ | Rp | D ₁ | D ₂ | H | S ₁ steel | S ₂ PE-HD | SASF SAPEF L ₁ length | SASV SAPEV L ₂ length | SASKF L ₃ length | SASKV L ₄ length |
|----|------------------|--------|----------------|----------------|----|----------------------|----------------------|--|--|--------------------------------|--------------------------------|
| 25 | 4/10/16 | 1" | 33,7 | 32 | 64 | 4,0 | 3,0 | 1130 | 1110 | 330 | 310 |
| 40 | 4/10/16 | 1 1/2" | 48,3 | 50 | 76 | 4,0 | 4,6 | 1160 | 1140 | 350 | 330 |
| 50 | 4/10/16 | 2" | 60,3 | 63 | 83 | 4,0 | 5,8 | 1180 | 1160 | 380 | 360 |

1) max. PN 4 for all types in which plastic pipe is used. At PE80 – PN4, at PE100 – PN10.

Details conform to the latest technical developments. We reserve the right to make alterations.

Features

SCHUCK-SK...GTN ball valves are designed in conformity with DIN EN 331 and DIN 3389 and are certified in conformity with DIN-DVGW. The basic model can be provided either with an internal thread or flanges on both sides.

SK...GTN ball valves provide a thoroughly effective seal and excellent resistance to deformation and are guaranteed to operate smoothly and leak-free even after long periods of inactivity.

SCHUCK-SA...GTN ball valves are completely maintenance-free.

Sealing system

Seals made of age-resistant Perbunan quality DIN 3535 T1/DIN EN 549.

This easily compensates for any thermal or mechanical changes.

Operation by means of operating lever

If required SK...GTN ball valves up to DN 50 can be fitted with a self-closing, thermally activated lever. Retrofit conversion is also possible.

Firesafe

SCHUCK-SK...GTN ball valves up to DN 50 can be fitted with a self-closing, thermally activated SCHUCK FIRE SAFE lever.

Retrofit conversion is also possible at any time without depressurising the line.

Design

SCHUCK-SK...GTN ball valves

Product lines:

internal thread connection or flange connection (basic design)

- gas pipe made of P235TR2 in conformity with DIN 1626/DIN 1629
- outer coating of yellow synthetic resin varnish RAL 1021
- temperature range -10° to 70°C

Tests

- in conformity with DIN 3230 Part 5 and DIN 3389
- proof of quality with DIN-DVGW registration

Advantages

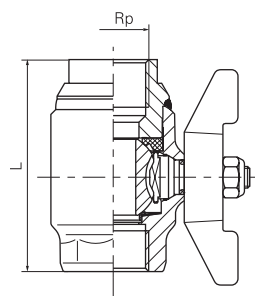
- forged and welded construction or with recessed insulating joint
- floating ball
- brass ball, polished on DN 65 and upwards hard chromium plated
- low torques
- maintenance-free sealing and mounting systems
- parts cannot seize-up
- actuating bolts with dual O ring seal
- device to prevent blow out
- no special installation measures required

Applications

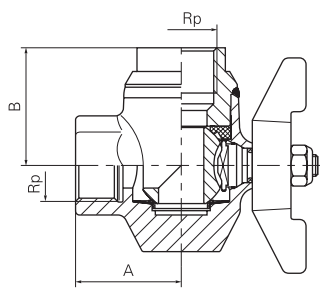
In gas supply lines for gas quality in accordance with DVGW Worksheet G 260. When SCHUCK-SK...GT ball valves are installed upstream on non-HTB tested gas meters and pressure regulators the high load capacity required for this equipment in conformity with TRGI can be subsequently attained.

To follow

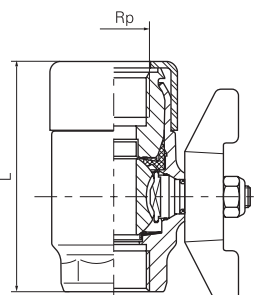
- SK = Schuck Kugelhahn
E = Eckausführung
I = integrierte Trennstelle
M = mit Gewinde
F = Flansch
GTN = Gasthermisch belastbar
Niederdruckdicht



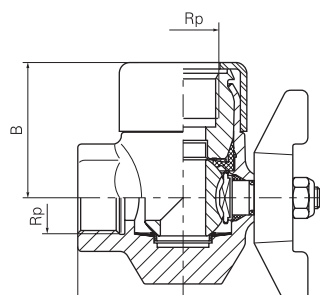
SKMGTN



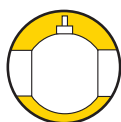
SKEMGTN



SKIGTN



SKIEMGTN



Type

Option of integrated insulating joint to DN 50 and thermally self-closing Fire-Safe operating lever. Retrofit conversion is also possible.

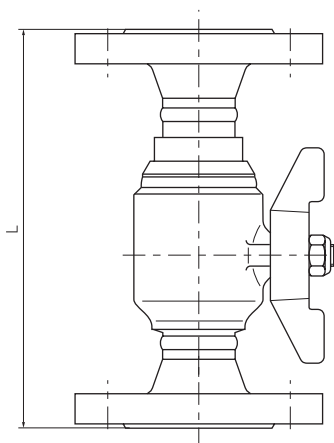
Materials

housing steel S355J2G4
 operating lever brass
 ball polished brass
 or hard chromium-plated steel
 seals Perbunan (DIN 3535 T1/
 DIN EN 549)

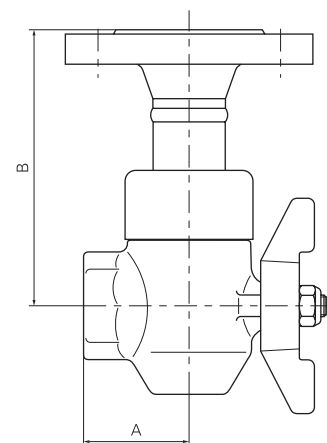
Typical order

SCHUCK-SKIEMGTN ball valve Corner type, connection with thread and insulating piece.

When ordering or making enquiries please state nominal width, medium, operating pressure and quantity. Other materials and versions available on request (customer specification).



SKFGTN



SKIEMFGTN

| DN | PN | SKEMGTN/SKMGTN without separation, with thread connection | | | | SKIEMGTN/SKIGTN with separation, with thread connection | | | | SKEMFGTN/SKFGTN without separation, with flange connection | | | SKIEMFGTN/SKIFGTN with separation with flange connection | | |
|----|----|---|----|----|-----|---|----|----|-----|--|-----|-----|--|-----|-----|
| | | Rp | A | B | L | Rp | A | B | L | A | B | L | A | B | L |
| 25 | 5 | 1" | 48 | 55 | 100 | 1" | 48 | 60 | 110 | 48 | 80 | 160 | 48 | 128 | 160 |
| 32 | 5 | 1 1/4" | 65 | 65 | 125 | 1 1/4" | 65 | 75 | 135 | 65 | 125 | 180 | 65 | 145 | 180 |
| 40 | 5 | 1 1/2" | 65 | 65 | 125 | 1 1/2" | 65 | 75 | 135 | 65 | 105 | 200 | 65 | 147 | 200 |
| 50 | 5 | 2" | 69 | 70 | 140 | 2" | 69 | 80 | 150 | 69 | 118 | 230 | 69 | 158 | 230 |

dimensions in mm

Details conform to the latest technical developments. We reserve the right to make alterations.

Features

SCHUCK-SKPE-E underground ball valves are designed in conformity with DIN 3547 T1/DIN EN 13774, DVGW-VP 600.

The welded-on ends on both sides on the basic model are suitable for double welding and can be provided with other connection combinations.

SKPE-E ball valves provide a thoroughly effective seal and excellent resistance to deformation and are guaranteed to operate smoothly and leak-free even after long periods of inactivity.

SCHUCK-SKPE-E ball valves are completely maintenance-free.

SKPE-E Ball valves can be supplied without the actuating device or as a complete set, with adjustable telescopic key bar or rigid key bar, upon which a 4 kt protector 14 is installed and secured, or with a 27/32 protective tube for the stem, and a cover.

Sealing system

The seal on the passage is created using a Teflon or Perbunan sealing ring on a chromium-plated or brass ball. This combination prevents seizing-up of the sealing rings. This compensates for any thermal or mechanical changes.



Design

SCHUCK-SKPE-E underground ball valves

Series:

Weld-on ends (basic design)

Connecting pipes in conformity with DIN 8074/8075

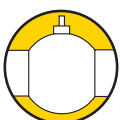
- PE 80, PE 100, PEX
- Outer coating of polyurethane in conformity with DIN 30677
- Temperature range -10° to 70°

Tests

- in conformity with DIN 3230 Part 5
- proof of quality with DIN-DVGW registration or approval certificate 3.1B in conformity with EN 10204

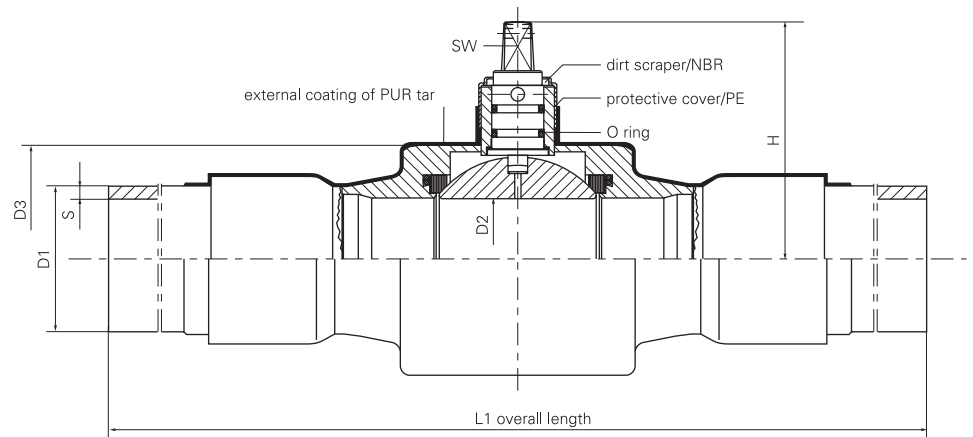
Advantages

- fully welded construction
- unrestricted passage
- suitable for pig
- floating ball
- low torques
- maintenance-free seals and mountings
- parts cannot seize-up



Applications

In underground PE gas pipelines for gas quality in accordance with DVGW Worksheet G 260.



- can be laid underground

Materials

| | |
|-----------------|-------------------------------------|
| housing: | steel |
| connecting pipe | PE 80 (MRS 8) |
| or | PE 100 (MRS 10), SDR 11 |
| actuator | shaft brass |
| ball | steel, hard chromium-plated |
| seals | Perbunan (DIN 3535 T3/ DIN EN 682), |
| or | Teflon |

Typical order

SCHUCK-SKPE-E underground ball valves
 Connecting pipe made of PE 80 (MRS 8),
 PE 100 (MRS 10), SDR 11.
 When ordering or making enquiries please state nominal width, medium, operating pressure and quantity. Other materials and versions available on request (customer specification).

Connection dimensions for weld-on ends in accordance with table.

| DN | PN | D ₁ | D ₂ | D ₃ | H | L _{1 overall length} | S | sealing system | weight/kg |
|-----|------|----------------|----------------|----------------|-----|-------------------------------|------|----------------|-----------|
| 25 | 4/10 | 32 | 24 | 56 | 100 | 500 | 2,9 | NBR | 2,1 |
| 32 | 4/10 | 40 | 39 | 80 | 110 | 520 | 3,7 | NBR | 4,0 |
| 40 | 4/10 | 50 | 39 | 80 | 110 | 520 | 4,6 | NBR | 4,3 |
| 50 | 4/10 | 63 | 45 | 95 | 120 | 540 | 5,8 | NBR | 6,2 |
| 80 | 4/10 | 90 | 74 | 140 | 145 | 945 | 8,2 | PTFE | 16,7 |
| 100 | 4/10 | 110 | 95 | 170 | 160 | 1010 | 10,0 | PTFE | 24,8 |
| 100 | 4/10 | 125 | 95 | 170 | 160 | 1025 | 11,4 | PTFE | 25,2 |
| 150 | 4/10 | 160 | 142 | 250 | 195 | 1100 | 14,6 | PTFE | 65,5 |
| 150 | 4/10 | 180 | 142 | 250 | 195 | 1100 | 16,4 | PTFE | 65,0 |
| 200 | 4/10 | 225 | 142 | 250 | 195 | 1200 | 20,5 | PTFE | 80,2 |

Size in mm / Weight in kg

Details conform to the latest technical developments. We reserve the right to make alterations.

Features

SCHUCK-SKS-E underground ball valves are designed in conformity with DIN 3547 T1/DIN EN 13774.

SKS-E ball valves provide a thoroughly effective seal and excellent resistance to deformation, and even after long periods of inactivity they are guaranteed to operate smoothly and leak-free.

SCHUCK-SKS-E ball valves are completely maintenance-free.

SKS-E ball valves can be equipped without the actuating device or as a complete set, with adjustable telescopic key bar or rigid key bar, upon which a 4 kt protector 14 is installed and secured, or a 27/32 protective tube for the stem and a cover.

Sealing system

The seal on the passage is created using a Teflon or Perbunan sealing ring on a chromium-plated or brass ball. This combination prevents seizing-up of the sealing rings.

This compensates for any thermal or mechanical changes.

Design

SCHUCK-SKS-E underground ball valves

Series:

Weld-on ends (basic design)

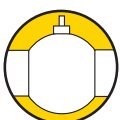
- gas pipes made of P235TR2 in conformity with DIN 1626/1629
- PE 80, PE 100, PEX
- outer coating of polyurethane in conformity with DIN 30677
- Temperature range -10° to 70°

Tests

- in conformity with DIN 3230 Part 5
- proof of quality with DIN-DVGW registration or approval certificate 3.1B in conformity with EN 10204

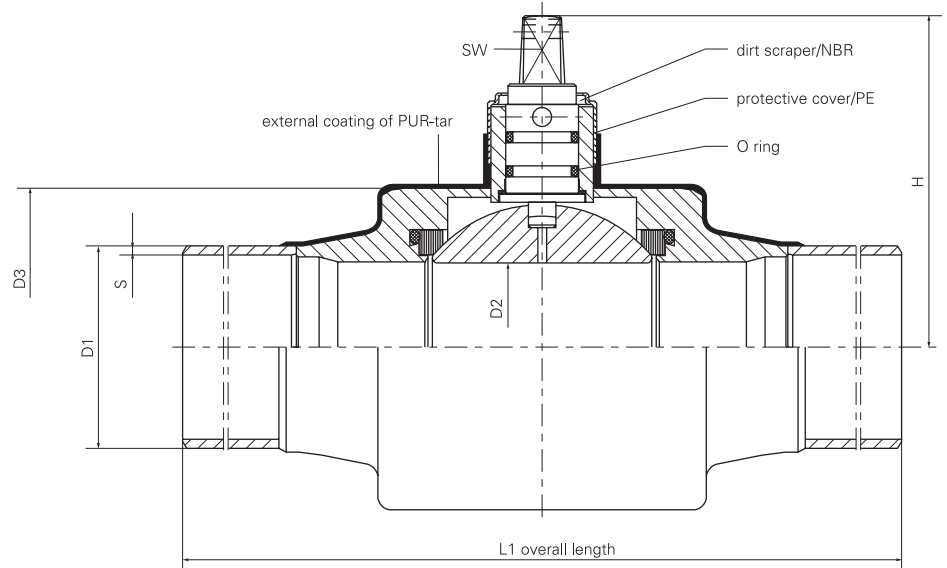
Advantages

- fully welded construction
- unrestricted passage
- suitable for pig
- floating ball
- low torques
- maintenance-free seals and mountings
- parts cannot seize-up
- can be laid underground



Applications

In underground gas pipelines for gas quality in accordance with DVGW Worksheet G 260.



Materials

| | |
|-----------------|--|
| housing | steel |
| connecting pipe | steel P235TR2 |
| actuator shaft | brass |
| ball | brass |
| or | steel, hard chromium plated |
| seals | Perbunan (DIN 3535 T3/ DIN EN 682), |
| or | Teflon |

Typical order

SCHUCK-SKS-E underground ball valves
Connecting pipe made of steel.
When ordering or making enquiries please state medium, operating pressure and quantity. Other materials and versions available on request (customer specification).
Connection dimensions for weld-in ends in accordance with table.

| DN | PN | D ₁ | D ₂ | D ₃ | H | L _{1 overall length} | S | sw | sealing system | weight/kg |
|-----|----|----------------|----------------|----------------|-----|-------------------------------|-----|----|----------------|-----------|
| 25 | 16 | 33,7 | 24 | 56 | 100 | 500 | 4,0 | 14 | NBR | 2,8 |
| 32 | 16 | 42,4 | 39 | 80 | 110 | 520 | 4,0 | 14 | NBR | 4,5 |
| 40 | 16 | 48,3 | 39 | 80 | 110 | 520 | 4,0 | 14 | NBR | 4,7 |
| 50 | 16 | 60,3 | 45 | 95 | 120 | 540 | 4,0 | 14 | NBR | 6,2 |
| 80 | 16 | 88,9 | 74 | 140 | 145 | 515 | 4,0 | 20 | PTFE | 12,4 |
| 100 | 16 | 108 | 95 | 170 | 160 | 550 | 4,0 | 20 | PTFE | 18,4 |
| 100 | 16 | 114,3 | 95 | 170 | 160 | 550 | 4,0 | 20 | PTFE | 18,6 |
| 125 | 16 | 133 | 95 | 170 | 160 | 550 | 4,0 | 20 | PTFE | 19,8 |
| 125 | 16 | 139,7 | 95 | 170 | 160 | 550 | 4,0 | 20 | PTFE | 20,1 |
| 150 | 16 | 159 | 142 | 245 | 195 | 700 | 4,5 | 20 | PTFE | 35,0 |
| 150 | 16 | 168,3 | 142 | 245 | 195 | 700 | 4,5 | 20 | PTFE | 35,3 |
| 200 | 16 | 219,1 | 142 | 245 | 195 | 700 | 4,5 | 20 | PTFE | 43,2 |

dimensions in mm / weight in kg

Details conform to the latest technical developments. We reserve the right to make alterations.

Features

SCHUCK PEK-FB underground ball valves are designed in conformity with VP 302 and EN 1555-4.

The welded-on ends on both sides on the basic model are suitable for double welding and can be provided with other connection combinations. The special design of the PEK-FB provides complete longitudinal adhesion, imperviousness and resistance to deformation. PEK-KB ball valves are guaranteed to operate smoothly and leak-free even after long periods of inactivity. SCHUCK PEK-KB ball valves are completely maintenance-free.

New type of sealing system

The new type of sealing system, with sprung Teflon seals, prevents the sealing rings from seizing-up on the ball. This easily compensates for any thermal or mechanical changes.

Actuation using the stem extension

PEK-FB ball valves can be supplied as a complete set with adjustable telescopic key bar or rigid key bar, upon which a protective tube for the stem and a cover are installed. If required the ball valve can be supplied on its own.



Torque limiter

A safety clutch can be supplied to prevent damage to the actuating mechanism caused by incorrect operation for up to DN 100. If there is excessive operating torque, a freewheel comes into action and is stopped again after the unit has rotated by 180°.

Base plate

PEK-FB ball valves can be fitted with a base plate, either on site or already installed.

Design

SCHUCK-PEK-FB underground ball valves Series:

Weld-in ends (basic model)

Connecting pipes in conformity with DIN 8074/8075

- PE 100 (MSR 10)
- SDR 11
- MFI Group 003-005 (190/5)

Applications

Underground water and gas pipelines. If they are installed while the pipeline is being laid, SCHUCK-PEK-FB underground ball valves do not require any special installation work.

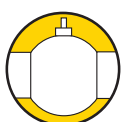
SCHUCK-PEK-FB underground ball valves can be connected to the pipeline system using all current and approved PE-HD welding equipment.

Advantages

- fully welded construction
- unrestricted passage
- suitable for pig
- floating ball
- low torques
- maintenance-free seals and mountings
- parts cannot seize up
- can be laid underground
- no special installation work necessary
- can be welded using all current and approved PE-HD welding equipment.

Optional

- Limiter, in the form of a safety clutch



Materials

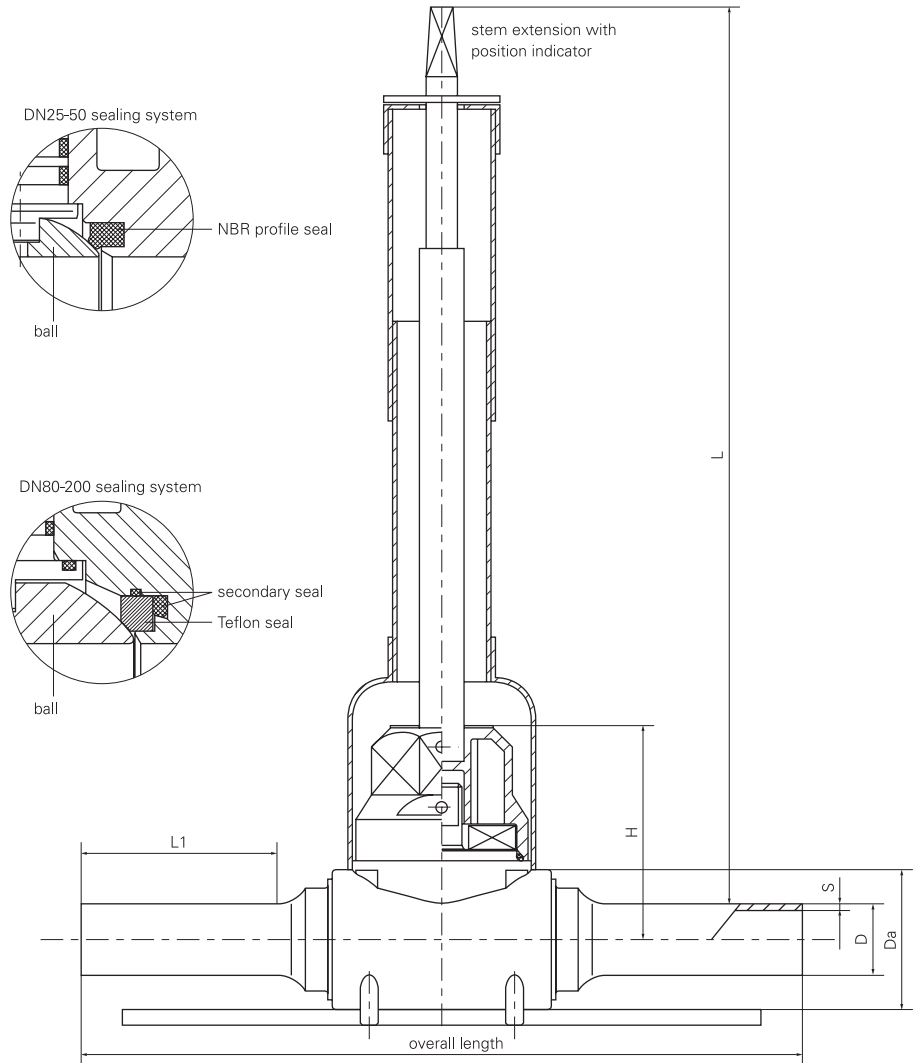
| | |
|-------------------|---|
| housing and cover | PE 100 |
| connecting pipe | PE 100 |
| ball | POM |
| seals | Perbunan (DIN 3535 T3/ DIN EN 682), Teflon |
| or | |
| actuating boss | POM |
| actuating stem | POM |

Typical order

SCHUCK-PEK underground ball valves
PE 100 (MSR 10) connecting pipe Steel
connecting pipe .

When ordering or making enquiries please state medium, operating pressure, temperature, flow rate and quantity. Other materials and versions available on request (customer specification).

Connection dimensions for weld-on ends in accordance with table.

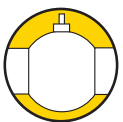


| DN | PN | | D _{PE} * | S | Da ± 2 | Di _{ball} | H ± 2 | overall length ± 5 | L ₁ | L | sealing system |
|-----|-----|-------|-------------------|------|--------|--------------------|-------|--------------------|----------------|----------|----------------|
| | gas | water | | | | | | | | | |
| 25 | 10 | 16 | 32 | 2,9 | 63 | 24 | 96 | 300 | 90 | 600-1200 | NBR |
| 32 | 10 | 16 | 40 | 3,7 | 70 | 30 | 100 | 365 | 102 | 600-1200 | NBR |
| 40 | 10 | 16 | 50 | 4,6 | 84 | 38 | 106 | 400 | 110 | 600-1200 | NBR |
| 50 | 10 | 16 | 63 | 5,8 | 103 | 48 | 114 | 360 | 110 | 600-1200 | NBR |
| 80 | 10 | 16 | 90 | 8,2 | 150 | 68 | 147 | 480 | 150 | 700-1300 | PTFE |
| 100 | 10 | 16 | 110 | 10,0 | 177 | 83 | 161 | 520 | 160 | 700-1300 | PTFE |
| 150 | 10 | 16 | 160 | 14,6 | 325 | 121 | 215 | 560 | 160 | 700-1300 | PTFE |
| 200 | 10 | 16 | 225 | 20,5 | 325 | 121 | 215 | 720 | 240 | 700-1300 | PTFE |

dimensions in mm

Details conform to the latest technical developments. We reserve the right to make alterations.

* DPE 125, DPE 160 and DPE 225: reduced bore.



30 Valves



Our range of products



**Valves and
Accessories**



**Actuators and
Controls**



**Fittings and
Pipeline Equipment**



**House Lead-in
Gas Connection**



**Cathodic Corrosion
Protection**



Schuck Armaturen

Daimlerstraße 4 – 7

D - 89555 Steinheim

Phone +49 7329 950-0

Fax +49 7329 950-161

info@Schuck-Armaturen.de

www.Schuck-Armaturen.de

Request individual brochures or download them from the Internet as PDF files.