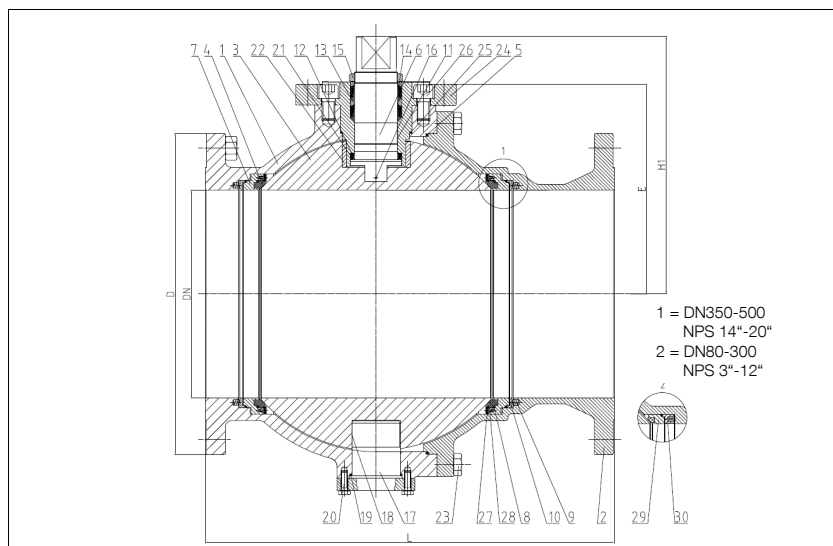


BALL VALVES INTEC

K214, DN300 - DN500, PN16/40

trunnion mounted ball, PEEK seated,
both sides spring loaded seat rings



Flanged ball valve
full bore

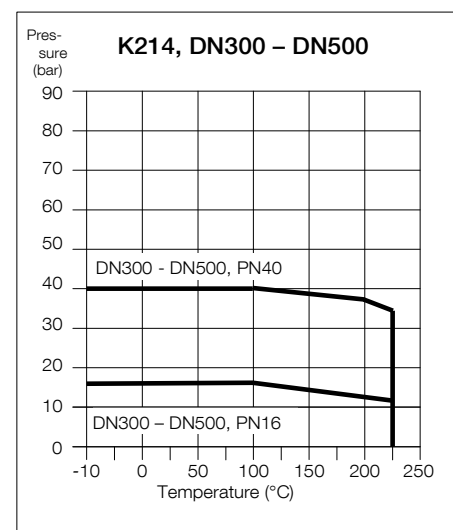
face to face acc. to EN 558, GR.27
face to face acc. to EN 1092

Specification:

Two-piece ball valve acc. to EN 1092, face to face dimensions acc. to EN 558, GR.27, full bore, blow-out-proof stem, body material stainless steel (1.4408) or carbon steel (1.0619), antistatic device, free of non ferrous metals, trunnion mounted ball, seats full chambered, stem packing Graphite/KFGN/KFAM cone ring system dynamic loaded adjustable, top flange DIN EN ISO 5211, approved by PED, certified acc. to GERMAN clean air acr VDI 2440.

Marking: INTEC K214

| No. | Part | Material | Material |
|------------------|-----------------------|----------|----------------------|
| Standard design | | | |
| 1 | body | 1.0619 | 1.4408 |
| 2 | cap | 1.0619 | 1.4408 |
| 3 | ball | | 1.4408 |
| 4 | seat | | PEEK |
| 5 | body seal | | KF |
| 6 | stem | | 1.4462 |
| 7 | seat bearing ring | | 1.4571/1.4404 |
| 8 | seat seal | | KF |
| 9 | spiral spring | | 1.4401 |
| 10 | follower ring | | 1.4571/1.4404 |
| 11 | stem bearing | | 1.4401/KF |
| 12 | below seal | | KFGN/Graphite |
| 13 | upper seal | | KFAM/Graphite |
| 14 | bearing | | PEEK |
| 15 | hex. nut self-locking | | A2/1.4301 |
| 16 | antistatic element | | 1.4401/1.4571/1.4404 |
| 17 | trunnion | | 1.4571/1.4404 |
| 18 | bearing | | 1.4401/KF |
| 19 | trunnion seal | | KF |
| 20 | hex. screw | | A4-70 |
| 21 | friction washer | | PEEK |
| 22 | ball bearing | | PEEK |
| 23 | hex. screw | | A4-70 |
| 24 | stuffing box | | 1.4571/1.4404 |
| 25 | stuffing box seal | | KF |
| 26 | allen screw | | A4-70 |
| 27 | stop plate | | 1.4571/1.4404 |
| 28 | countersunk screw | | A4-70 |
| 29 | seat bearing ring | | 1.4571/1.4404 |
| 30 | spring washer | | 1.4571/1.4404 |
| Fire-Safe design | | | |
| 5 | combined body seal | | KF-Graphite |
| 8 | seat seal | | Graphite |
| 9 | spiral spring | | Inconel X750 |
| 11 | Fire-Safe seal ring | | Graphite |
| | | | 1.4571/1.4404 |
| | thrust washer | | PEEK |
| 19 | trunnion seal | | Graphite |
| 25 | stuffing box seal | | KF-Graphite |



Ordering example:
INTEC K214, DN400, PN40,
GR. 27, 1.4408, Fire-Safe

Dimensions

| DN mm | PN | dimensions (mm) | | | | top flange ISO | torque Nm * | ca. weight kg |
|-------|----|-----------------|-----|-------|-------|----------------|-------------|---------------|
| | | L | D | E | H1 | | | |
| 300 | 16 | 500 | 460 | 311 | 400 | F16 | 1789** | 343 |
| 300 | 40 | 500 | 515 | 311 | 400 | F16/F25 | 4226** | 380 |
| 350 | 16 | 550 | 520 | 350 | 439 | F25 | 2711** | 505 |
| 350 | 40 | 550 | 580 | 350 | 439 | F25 | 6270** | 615 |
| 400 | 16 | 762 | 580 | 388.5 | 477.5 | F25-F30 | 3496** | 692 |
| 400 | 40 | 762 | 660 | 388.5 | 477.5 | F25-F30 | 8106** | 772 |
| 500 | 16 | 914 | 715 | 485 | 589 | F25-F30 | 6394** | 1363 |
| 500 | 40 | 914 | 755 | 485 | 589 | F30/F35 | 15076** | 1438 |

* Necessary torque measured with treated water at Δ P acc. to pressure class and room temperature.

** gearbox recommended

Other flange connections and materials on request.