

# BALL VALVES

## Ball Valve INTEC

### INFO

#### INTEC K200 the high end ball valve for the chemical industry

One concept for all - A high end ball valve which fulfils all newest technical requirements:

- Maintenance free
- Maximum torsions strength for the stem
- Minimised cavity
- Certified acc. to German clean air act VDI 2440 for 100,000 cycles while -40°C to +220°C and 40 bar
- Optimised conception of dynamic elasticity the stuffing box without using disc springs and elastomeric materials (O-rings)
- High precision machining of all parts

Approval acc. to all TÜV requirements. A very special f.e. is the combination of fire safe acc. to BC 6755 Part 2 and German clean air act certification acc. to VDI 2440.

#### INTEC K200 two-pieces ball valve DN 15 - 200 soft sealing floating ball design

Face to face acc. to EN 558-1, GR.1/GR.27 (DIN 3203-F1/-F4/-F5),

Top flange DIN EN ISO 5211, Flanges acc. to EN 1092 (DIN 2501) Full bore

|                   |          |       |               |              |
|-------------------|----------|-------|---------------|--------------|
| • Cast Steel      | GS - C25 | PN 40 | DIN 15 - 200  | Up to +225°C |
| • Cast Steel      | GS - C25 | PN 16 | DIN 100 - 200 | Up to +225°C |
| • Stainless Steel | 1.4408   | PN 40 | DIN 15 - 200  | Up to +225°C |
| • Stainless Steel | 1.4408   | PN 16 | DIN 100 - 200 | Up to +225°C |

#### INTEC K500 Tank bottom ball valve of the INTEC family

The benefit of the special geometric stem design

- Two-piece body
- Tank connection acc. to DIN 28140 part 1
- Full port
- Stem sealing maintenance free

German clean air act certification acc. to VDI 2440.

#### INTEC K500 DN 80/50 - 200/150

Face to face acc. to EN 558-1, GR.13 (DIN 3202-F16)

Top flange DIN EN ISO 5211, Flanges acc. to EN 1092 (DIN 2501) Full bore

|                   |               |       |                      |              |
|-------------------|---------------|-------|----------------------|--------------|
| • Stainless Steel | 1.4408/1.4571 | PN 16 | DIN 80/50 - 1500/100 | Up to +225°C |
| • Stainless Steel | 1.4408/1.4571 | PN 10 | DIN 200/150          | Up to +225°C |

#### Special designs (optional INTEC series K200)

- Special materials like Titanium, Hasteloy C 4, B 2, C 276, 1.4539, 1.4462, Zirconium etc.
- Stem extensions: Simple, single one side flanged, double flanged for actuation
- Heating jacket
- Drainports
- Locking devices
- Seating materials of PEEK, KFC, KFG and others available

All INTEC ball valves are available with electrical or pneumatical actuators.  
Other pressure classes and ANSI design on request.

#### Special designs (optional INTEC series K500)

- Special materials like Titanium, Hasteloy C 4, B 2, C 276, 1.4539, 1.4462, Zirconium etc.
- Single spring loaded seating
- Coverd spring loaded seating
- Drainports
- Heating jacket
- Metal tight up to +400°C / PEEK tight

All INTEC ball valves are available with electrical or pneumatical actuators.  
Other pressure classes and temperatures on request.

