

INTEC ball valves system technology in one hand

classified acc. to
IEC 61508
SIL 3

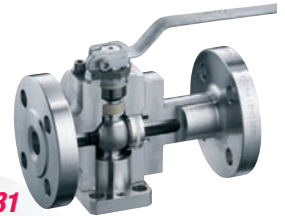
INTEC K200



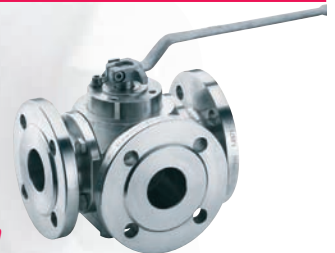
INTEC K200-K



INTEC K230/ K231



INTEC K400



INTEC K500



INTEC K700



INTEC K800



**For your functionality
and plant safety:**

- reinforced stem design for more safety in automation
- dynamic primary sealing by floating ring principle
- German clean air act approval acc. to VDI 2440

**For reduction of your
type variations:**

- Fire-safe/ Clean Air act design – all in one – the best standard
- FDA conformity for pharmaceutical application
- system construction unit of all components for reduction of storage costs

Advantages of the INTEC ball valves K200-series

Shaft sealing:

- no o-rings – universal applicable
- no disc springs – no lost of elasticity or risk of disc spring fracture
- stuffing box system absolutely ageing resistant
- system design in a Graphite/KF conering princible
- real primary sealing, no friction washer or bearing ring using of the floating ring seal princible (Graphite conering in KFG-profile)
- TÜV-approval of the sealing system acc. to VDI 2440
- TÜV-approved for 100.000 cycles from -40°C up to +220°C
- stem material duplex (1.4462), using of best knowledge of the pump technology
- maximised torsion strength
- safety in automation

Seat ring system:

Metal to metal tight:

- seat ring and ball hart metal coated by flame-spray technology
- sleeken seat and ball polished
- high precision beared ball
- spring loaded, spiralrings chambered
- no use of disc springs to forcing the seat ring
- no dangerous because of crevice corrosion
- free outlet for all kinds of solids

Soft seated:

- three side chambering of the seat ring
- using of nitrogenium sintered high quality KFGN
- reduction of abrasion, micro-diffusion and operating torque
- with KFCM-sealing material applicable up to +300°C
- best experiences in the chemical industry are made

Certifications:

- approved acc. to PED (97/23/EC) Module H/H1
- design approval VdTÜV 1065, VbF, Gas-HI-VO, WHG
- German clean air act approval acc. to VDI 2440
- Fire-safe approved acc. to BS 6755 T2 and ISO 10497
- classified acc. to SIL 3

Subject to technical alterations
Status: August 2007

**Certified acc. to
DIN EN ISO 9001:2000**

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**Our experts will be pleased
to advice you!**