

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/PTFE conering principle
- Real primary sealing, no friction washer or bearing ring using of the floating ring seal principle
(Graphite conering in PTFE -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 danger 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 PTFEg
- Reduction of abrasion, micro-diffusion and operating torque
- Best experiences in the chemical industry are made

Certifications:

- Approved acc. to DGRL 97/23/EG, 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

