

Technical Information

Segment Ball Valve (SBV) with static seal

General Technical data

Bore:	Full bore: DN50/2" up to DN500/20" (alternative dimensions on request)
Pressure:	-1 up to 16 bar (depending on valve size)
Temperature:	-20 /+200°C (depending on seal material choice)
Materials:	Product wetted parts 1.4404/316L (other grades on request)
Seal:	PTFE, FDA approved (other materials on request)
Surface finish:	Product contacting surface polished Ra<0.8, outside surface Ra<1.6 (machine finish)
Actuator:	Double acting, Air-Torque

Manufacturing

Standards

PED 97/23/EC, ATEX compliant, German standard for emission values TA-Luft

Options

- "Clean In Place" - Cleaning of the SBV internally with removable spray nozzles
- Mirror polished finish on wetted parts
- Manual operated valve
- Hardened Segment surface for abrasive products

Applications

Chemical, Pharmaceutical, Food industry and general bulk industry; where a leak tight and sanitary valve is required.

Advantages of the standard AGP Segment Ball Valve:

- Attractive pricing and short delivery time for the standard stock version
- Most sanitary design available, excellent Clean-ability inner and outer – GMP design
- No internal cavities
- Full-bore - the bore is not reduced, unobstructed product flow
- The valve's sealing principle is approved by the TÜV according to TA-Luft
- The Shaft sealing O-rings can be replaced without having to dismount the valve
- Ready availability of spare parts

