

New Filling Technology

Solutions for EPDM free – programmable valves

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- sealing concepts
- PTFE-Diaphragms will be the solution
- Recommended: Hermetic separation of the actuator from the medium flow
- FDA compliant and USP class VI seal materials
- Regulating cone geometry for “programmable valves”
- Improved service life – How can it be realized?
- Effective cleanability (short cleaning/sterilisation cycles) for the future

PD-Technology Valve Versions with pneumatical actuator

- Easy and fast maintenance – needs new methods
- Temperature switches – problems for the seal – How can solve the problems?
- Can we reach 10 mio. Cycles with PTFE in the future?

PD-Technology Valve Versions with motorized actuators

- What is the difference? Technical comparison between pneumatical and motorized actuators. Advantages / disadvantages
- Life expectancy, what is the standard today and tomorrow?
- Drive speeds up to 300 mm/s? Do we need them?
- Possibilities: Free programmable filling speeds over the filling time for best adaptation to a wide range of media, containers, container geometry, etc.:
- Maximized filling flexibility for the customer