Type FASA

Fast acting actuator for high performance applications



- **fast opening / fast closing < 1 sec**
- **full bore valve for maximum throughput**

Range of application:
-10 < T < 90°C
others on request

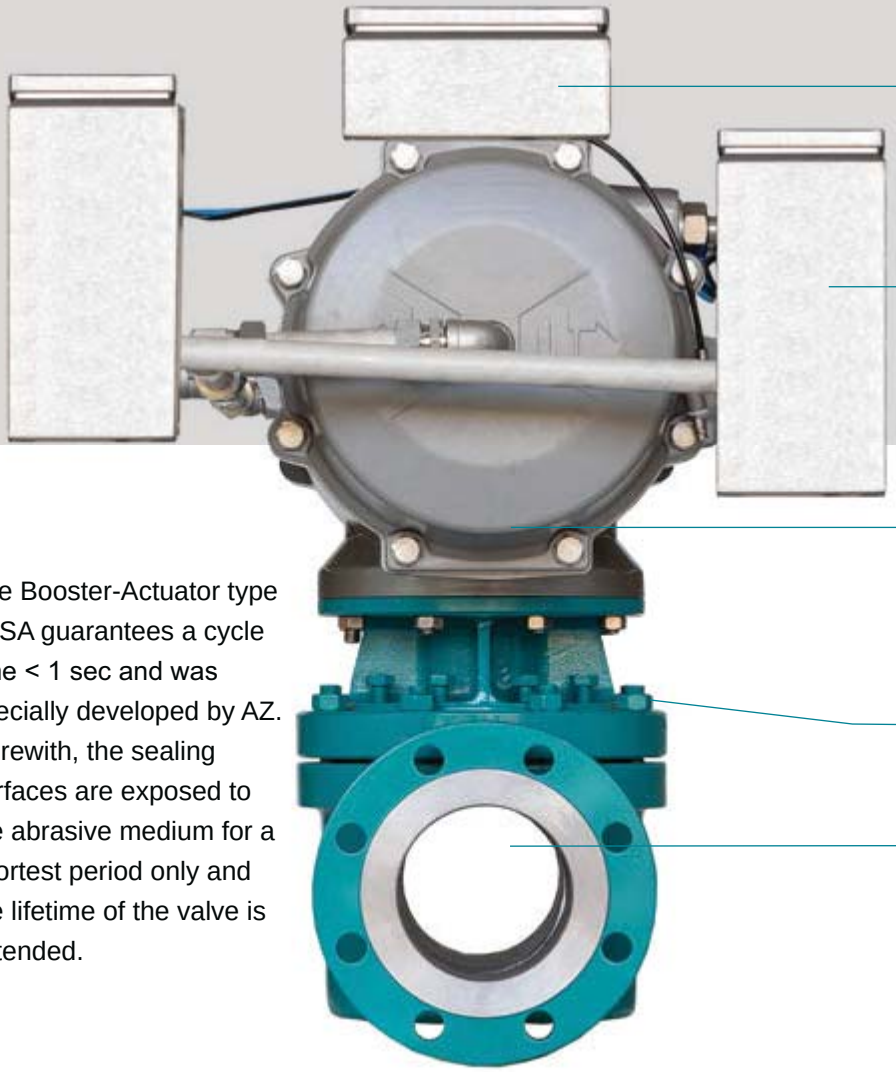
Design characteristics

- “fast acting” double/single acting actuator
- protected sealing areas – free of cavities
- extra long durability
- maintenance-free
- double shut-off sealing
- adjustable
- FDA conformity

Options

- painting
- flushing device
- heating jacket
- oil and grease-free assembly
- piggable

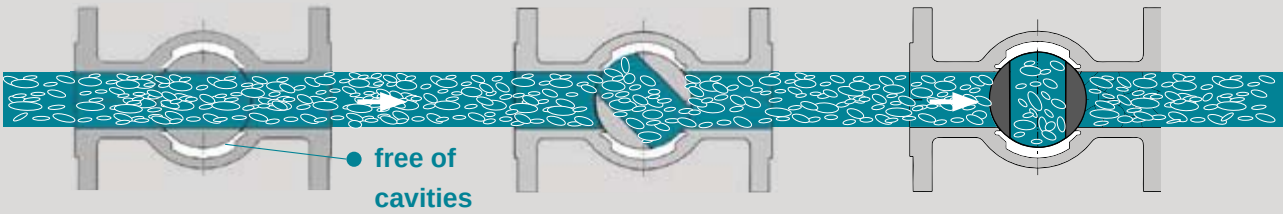
Time of closing / opening < 1 sec.
e.g. for full bore plug valve for steam peeling processes



- Control for booster and actuator
- AZ booster valves for fast air supply and exhaust
- Pneumatic rack & pinion actuator (double or single acting)
- Plug and stem packing adjustment
- EXTRA plug valve with full bore, cylindrical passage
  - maximum flow rate
  - for abrading, abrasive media
  - up to PN 100 / Class 600

The Booster-Actuator type FASA guarantees a cycle time < 1 sec and was specially developed by AZ. Herewith, the sealing surfaces are exposed to the abrasive medium for a shortest period only and the lifetime of the valve is extended.

Example of use: solid / abrasive media



No residues in cavities

- plug wipes off solids on metal ribs and PTFE sleeve
- long lifetime
- polished sealing surface of the plug is completely covered by the PTFE sleeve and thus protected from abrasive media

Solid materials in the media

- sealing surfaces are exposed to the abrasive medium for a shortest period only
- sealing sleeve encloses and protects the whole plug

PTFE sleeve

- double shut-off sealing
- free of cavities
- FDA conformity
- reliable and tight for years