

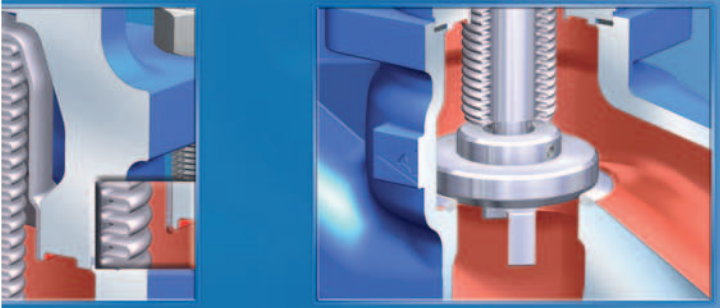
off technology!

sure)
according to DIN EN 12266 or 1 according to DIN 3230)
through the bellows

Unrivalled flexibility. More than **17,000** variations!

FABA®-Supra C
For the chemical industry
Additional features compared to **FABA®-Supra I**
even more reliable...
Due to the reinforced – and medium contacted – bellows that
welded to the top part of the body (10,000 complete cycles).
for process pipes.
more reliable...
the additional stem guide via the parabolic plug
(higher differential pressures)
in a straight-through, angle pattern or Y-pattern design
butt weld, screwed sockets or ANSI connections
Materials:
cast steel, forged steel, stainless steel, ANSI materials
Nominal diameter:
• DN 15 to 400
Nominal pressure:
• PN 16 to 40; ANSI 150 and 300

26 valve plug variations!

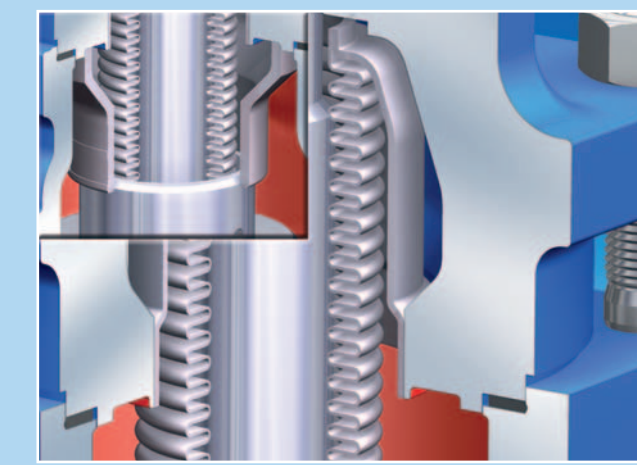


10,000 complete
the top part of the body
3. Additional stem guide via the parabolic
plug (permits higher differential
pressures)

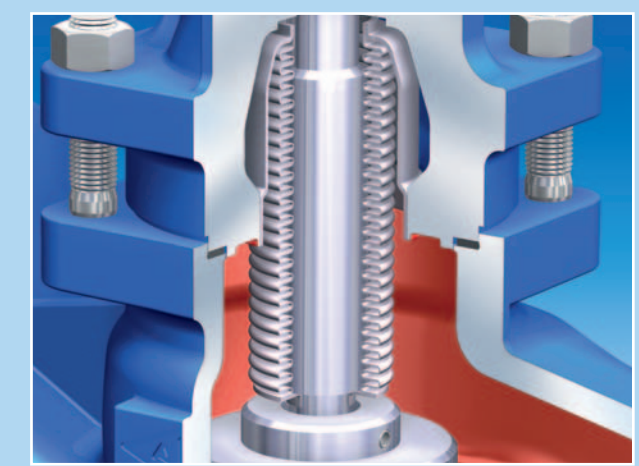
FABA® The new generation – with 100% tight shut-off technology! More than 17,000 variations!



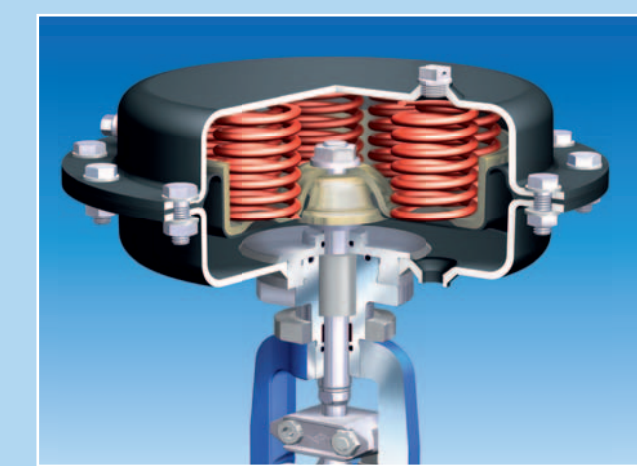
1. "Cut off effect" – surface deposits are removed from the seat when the valve closes



2. Reinforced bellows – welded to the top part of the body and fitted with a bellows cover (**FABA®-Supra I**)



3. Medium contacted bellows – suitable for process pipes (**FABA®-Supra C**)

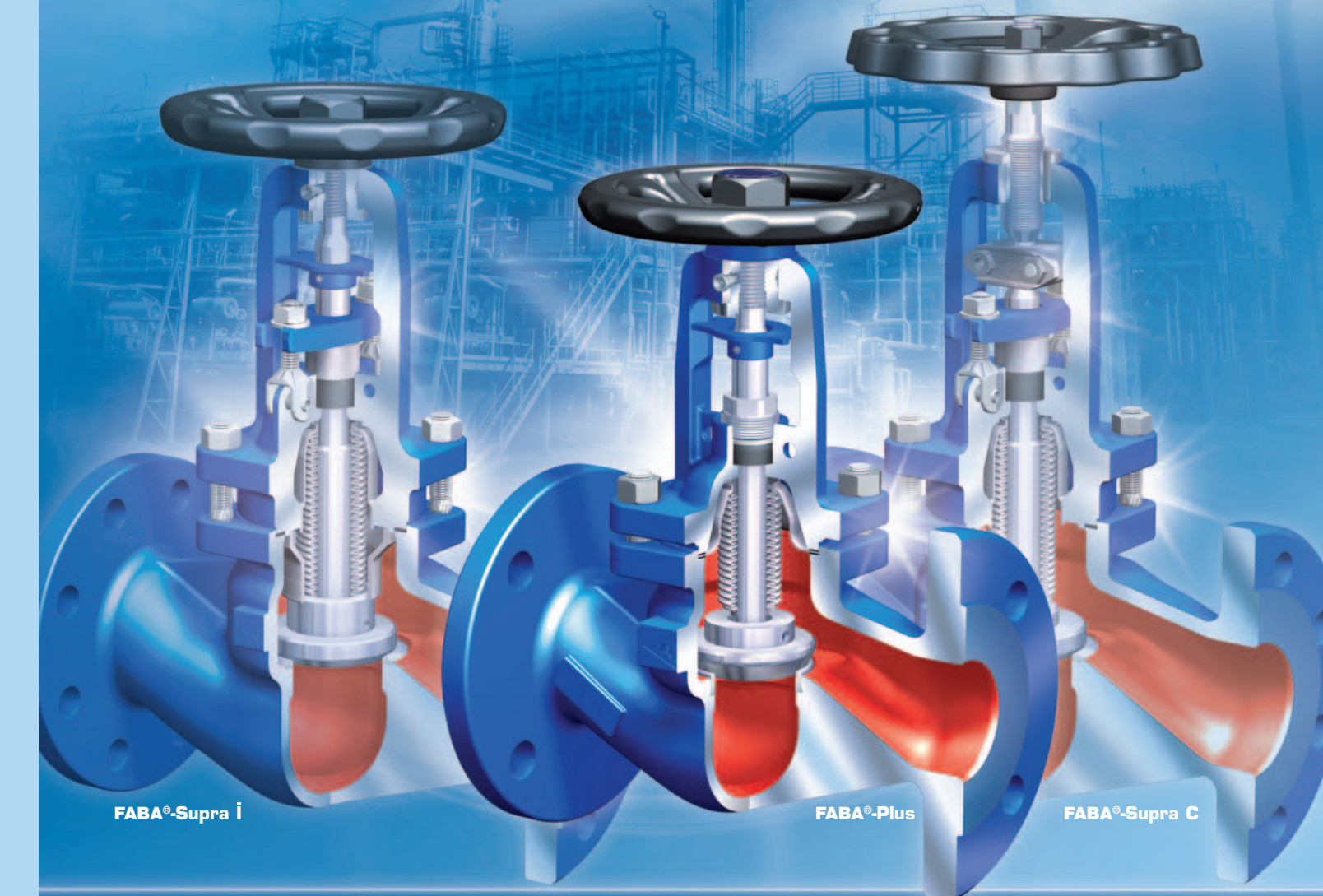


4. Two-piece stem allows retrofitting with pneumatic actuator (additional feature of **FABA®-Supra I/C**)

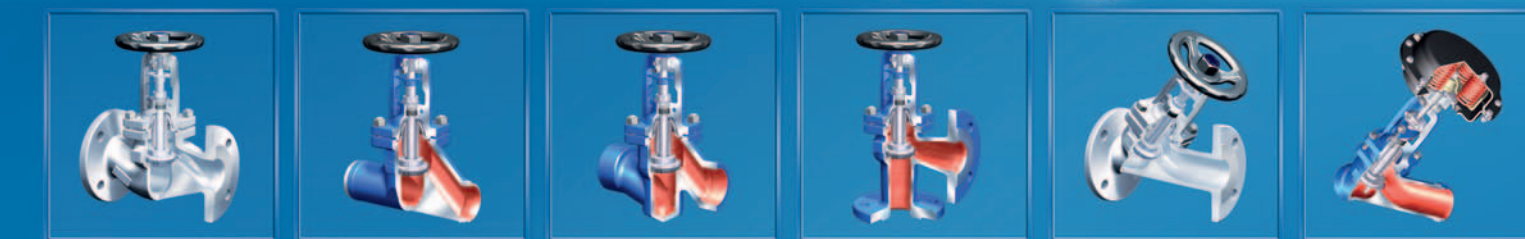
"Ask for more information about how
the new **FABA®** generation can benefit you!"

Extra-tight shut-off due to "cut off effect" +++ Extra-tight shut-off due to conical marginal seat geometry +++ Extra-tight shut-off due to significantly increased seat pressure and longer service life:

FABA® The new generation – with 100% tight shut-off technology!



FABA®-Supra I **FABA®-Plus** **FABA®-Supra C**



Straight-through-flanged Straight-through-butt weld ends ANSI-screwed sockets Angle pattern-flanged Y-pattern-flanged Y-pattern-butt weld ends

FABA®

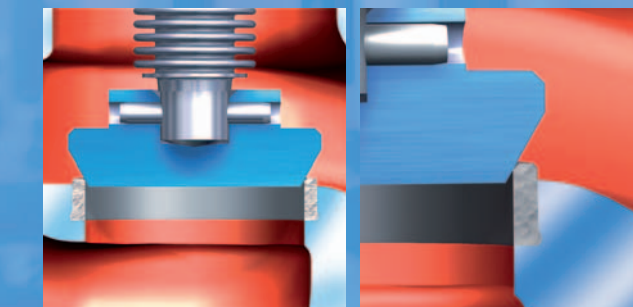
Benefit from the proven power of our 100% tight shut-off technology!

- Reliable sealing due to the "cut off effect" (the conical shape of the marginal seat causes surface deposits to be removed when the valve closes)
- Reliable sealing due to the metal plug / seat design (conical plug made of hardened stainless steel)
- Reliable sealing due to the conical/marginal plug (significantly increased seat pressure and longer service life)

- Reliable closing due to the fine-threaded stem (increased seat pressure)
- Tested tightness: final test with air for all valves (leakage rate "A" according to DIN EN 12266 or 1 according to DIN 3230)
- Tested tightness: helium test guarantees that no leakage can occur through the bellows

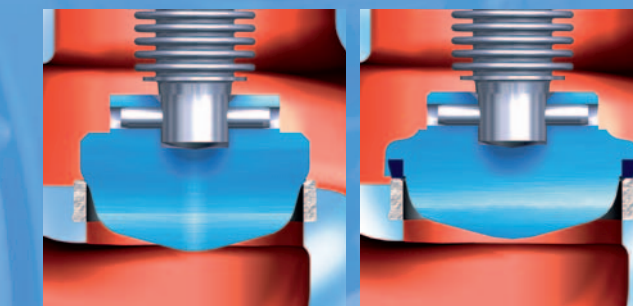
Maximum flexibility:

e.g. with **26** plug variations
(easily replaceable)



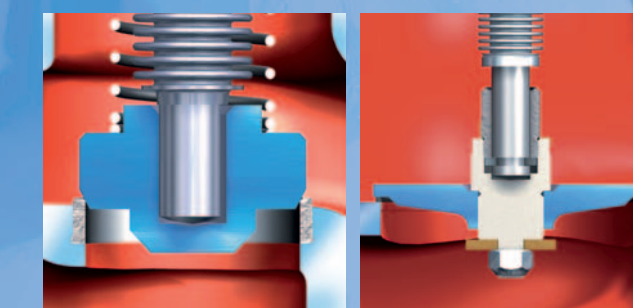
Marginal plug
("cut off effect")

"Cut off effect": surface
deposits are removed from the
seat when the valve closes



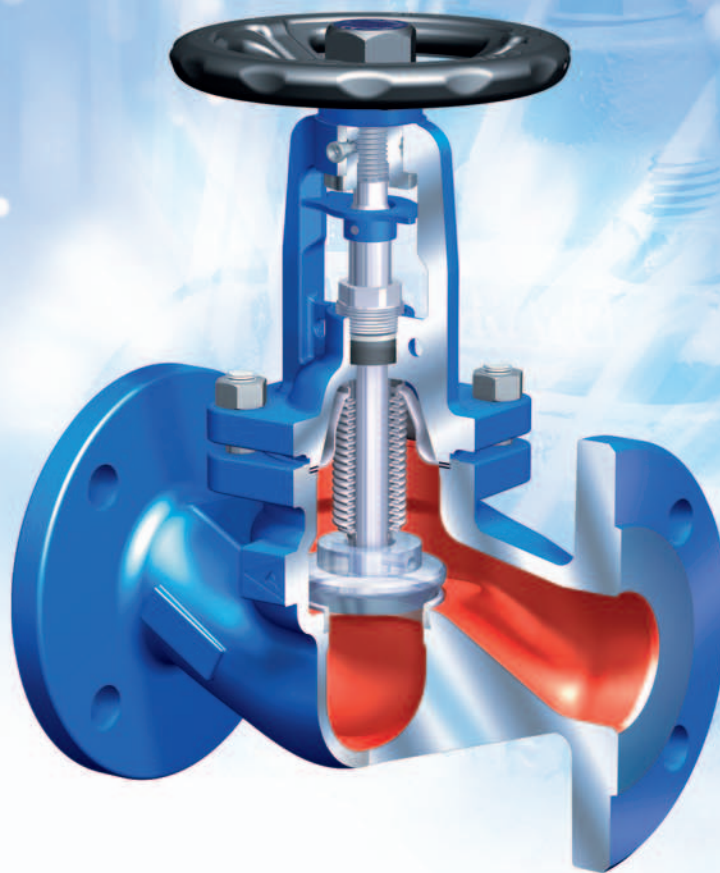
Regulating plug

Regulating plug with
PTFE soft seal



Loose plug (check valves
with shut-off feature)

Balancing plug



FABA®-Plus

For standard executions

Even greater performance ...

- ... Due to the new bonnet design (now even more suitable for harsh industrial environments ie water hammer due to more robust design)
- ... Due to the reinforced bellows welded to the stem rather than to the plug (vibrations are no longer transferred directly from the plug to the bellows)

Ease of use ...

- ... Due to the new, ergonomic design of the handwheel
- ... Due to the reduction in weight (optimised bonnet in a new design)
- ... Due to the recessed lubricating nipple and the separate, flat locking device
- ... Due to the easy-to-install limit switch – no need to loosen the cap screws (intellectual property rights are registered)

Even greater versatility ...

- ... Due to the dual function (can be used simultaneously as a check valve and a stop valve with a tight shut-off feature due to the spring and the loose regulating plug) – can now be installed in ANY position owing to the return spring

Offered in a straight-through, angle pattern or Y-pattern design with flanges (butt weld, screwed sockets or ANSI connections)

Materials:

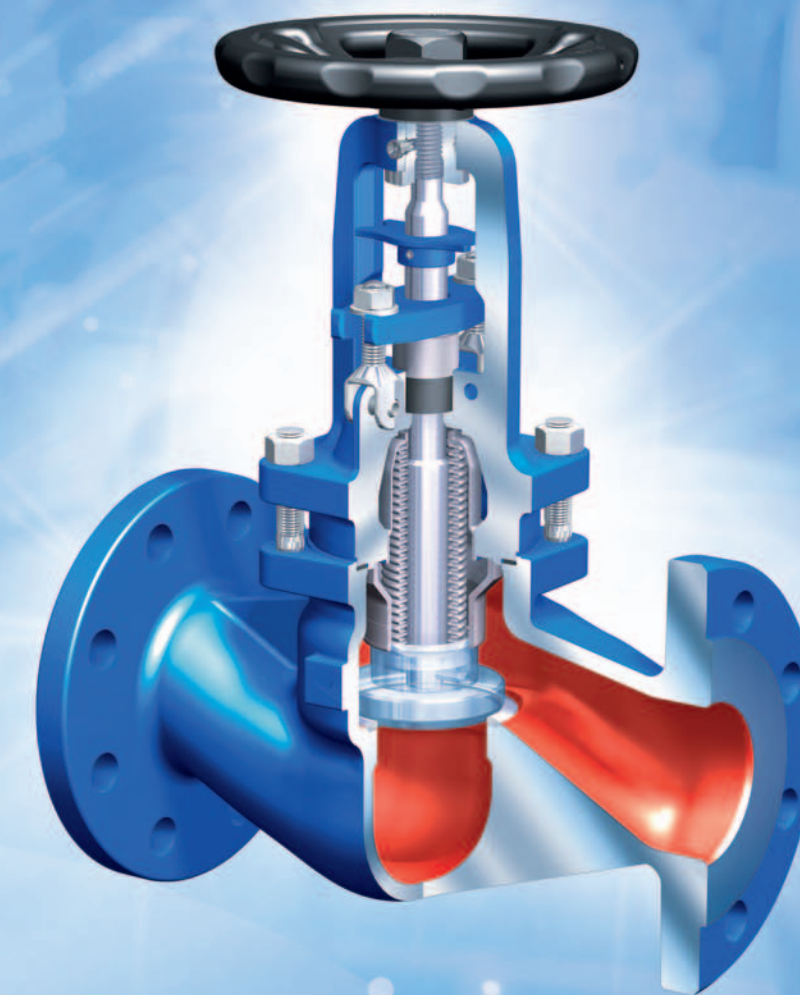
- Grey cast iron, nodular cast iron, cast steel, forged steel, stainless steel, ANSI materials

Nominal diameter:

- DN 15 to 400

Nominal pressure:

- PN 16 to 40; ANSI 150 and 300



FABA®-Supra I

For all industrial applications

Additional features

Even more reliable ...

- ... Due to the reinforced bellows (10,000 complete cycles) – welded to the top part of the body
- ... Due to the increased resistance to water hammer (bellows protected by cover)
- ... Due to the rugged plug / stem guide (permits higher differential pressures)

Reliably tight – even in harsh industrial environments ...

- ... Due to the double-wall bellows seal
- ... Due to the welded seat
- ... Due to the secondary seals (back sealing of the valve plug on the bellows cover and additional emergency stuffing box seal to atmosphere with gland follower)
- ... Due to the option of welding the top part of the body to the bottom part

Even greater flexibility ...

- ... Due to the option of a one or two-piece (couple divided) stem (for example, for retrofitting with an actuator)

Offered in a straight-through, angle pattern or Y-pattern design with flanged, butt weld, screwed sockets or ANSI connections

Materials:

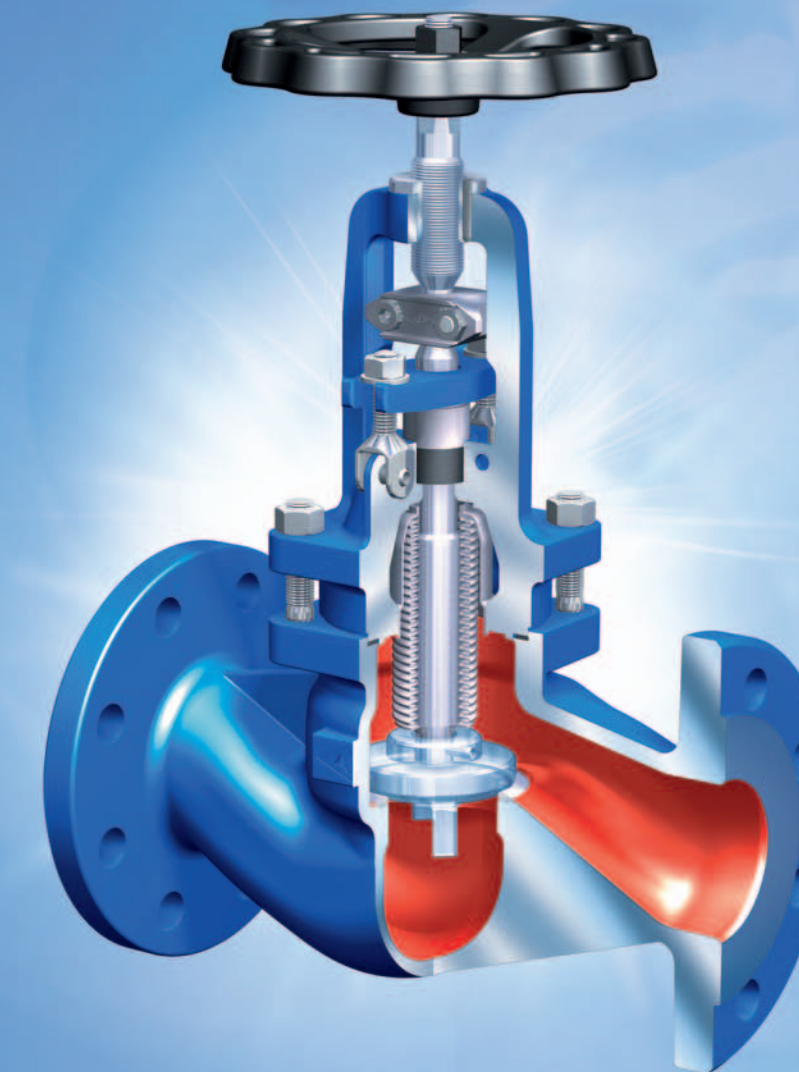
- Cast steel, forged steel, stainless steel, ANSI materials

Nominal diameter:

- DN 15 to 400

Nominal pressure:

- PN 16 to 40; ANSI 150 and 300



FABA®-Supra C

For the chemical industry

Additional features compared to FABA®-Supra I

Even more reliable ...

- ... Due to the reinforced – and medium contacted – bellows that is welded to the top part of the body (10,000 complete cycles). Suitable for process pipes.

Even more reliable ...

- ... Due to the additional stem guide via the parabolic plug (permits higher differential pressures)

Offered in a straight-through, angle pattern or Y-pattern design (with butt weld, screwed sockets or ANSI connections)

Materials:

- Cast steel, forged steel, stainless steel, ANSI materials

Nominal diameter:

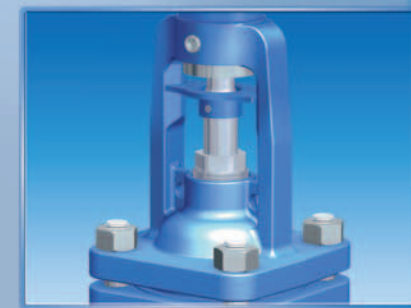
- DN 15 to 400

Nominal pressure:

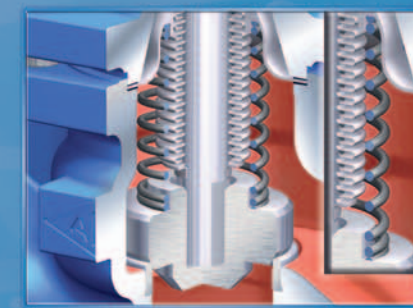
- PN 16 to 40; ANSI 150 and 300



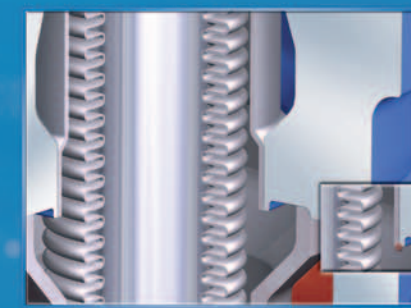
1. "Cut off effect" – the conical shape of the marginal seat causes surface deposits to be removed during sealing



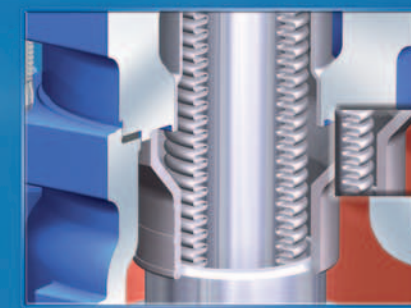
2. Bonnet design – now even more resistant to water hammer



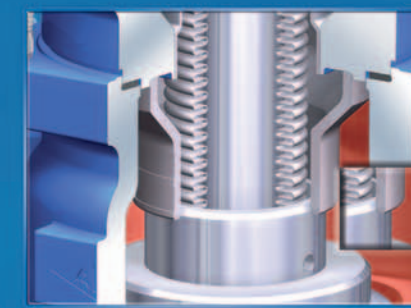
3. Dual function – can be used simultaneously as a check valve and a stop valve with a tight shut-off feature due to the spring and to the loose plug



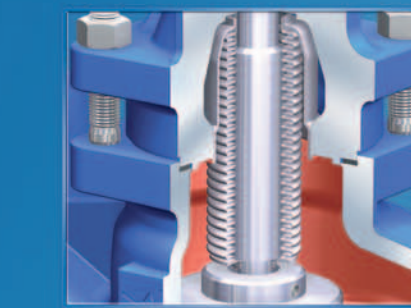
1. Reinforced bellows (10,000 complete cycles) – welded to the top part of the body



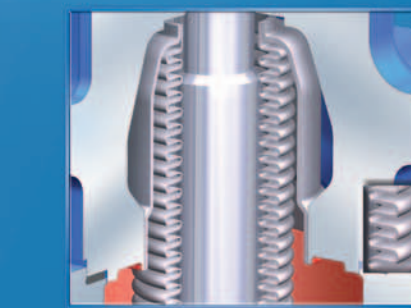
2. Bellows cover – for increased resistance to water hammer



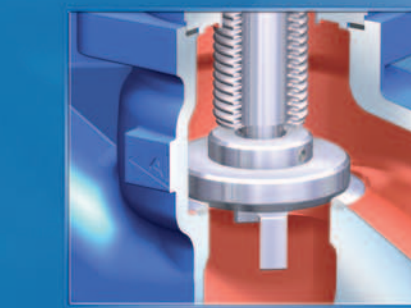
3. Rugged plug / stem guide – permits higher differential pressures



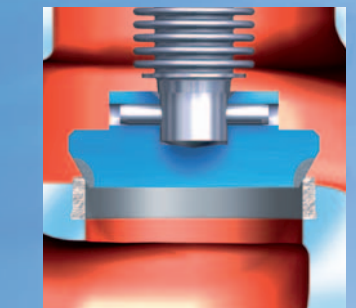
1. Bellows – medium contacted (also suitable for process pipes)



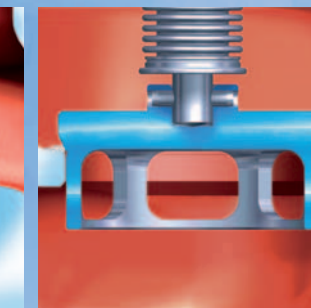
2. Reinforced bellows (10,000 complete cycles) – welded to the top part of the body



3. Additional stem guide via the parabolic plug (permits higher differential pressures)



Stellited Marginal Plug ("cut off effect")



Seat guided plug