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

ARI ARMATUREN

Technology for the future.
GERMAN QUALITY VALVES

ARI ARMATUREN

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

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

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:

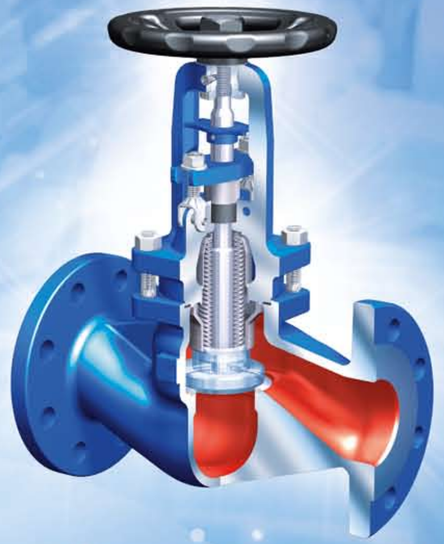
- Grey cast iron, nodular cast iron, cast steel, forged steel, stainless steel, ANSI materials

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:

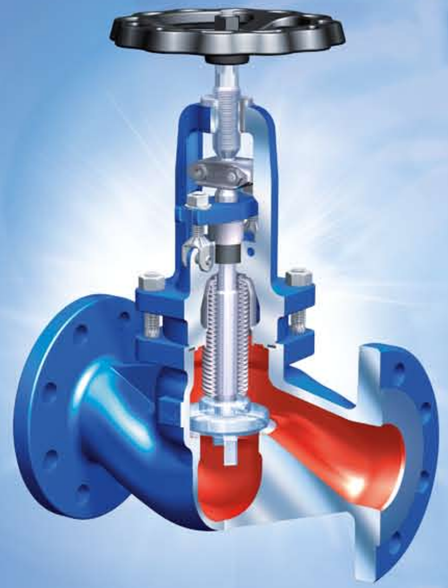
- Cast steel, forged steel, stainless steel, ANSI materials

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:

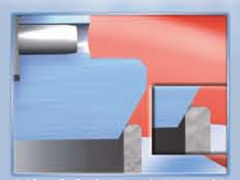
- Cast steel, forged steel, stainless steel, ANSI materials

Nominal diameter:

- DN 15 to 400

Nominal pressure:

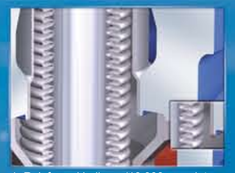
- PN 16 to 40; ANSI 150 and 300



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

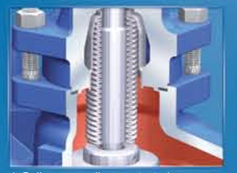
3. Dual function – can be used simultaneously as a check and stop valve with a tight shut-off feature due to the re-setting spring and to the loose plug



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



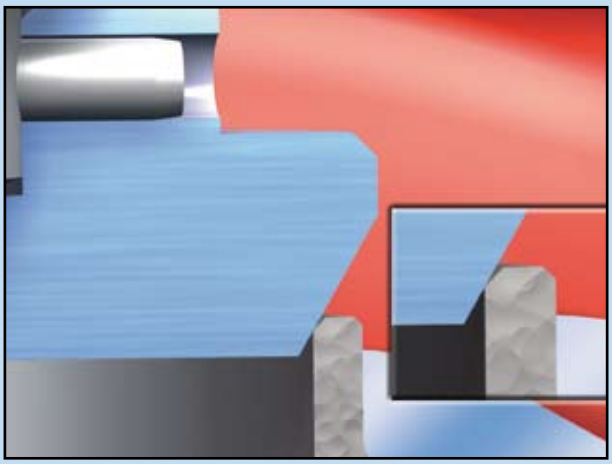
1. Bellows – medium contacted (also suitable for process pipes)

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

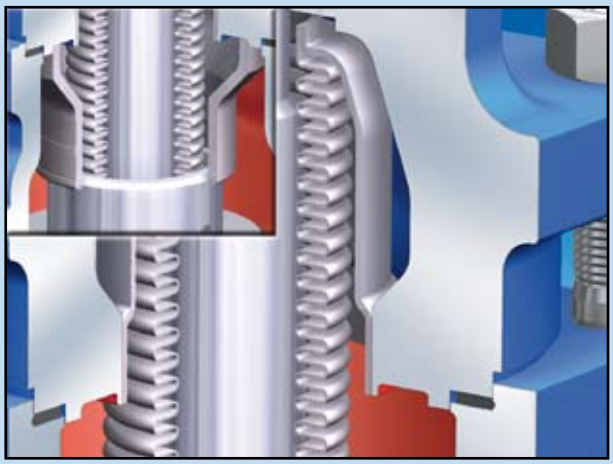
3. Additional stem guide via the V-port plug (permits higher differential pressures)

FABA®

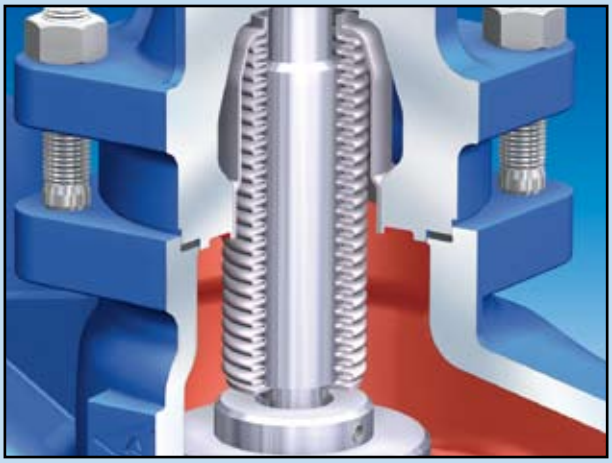
The new generation – with 100% tight shut-off technology! More than 17,000 variations!



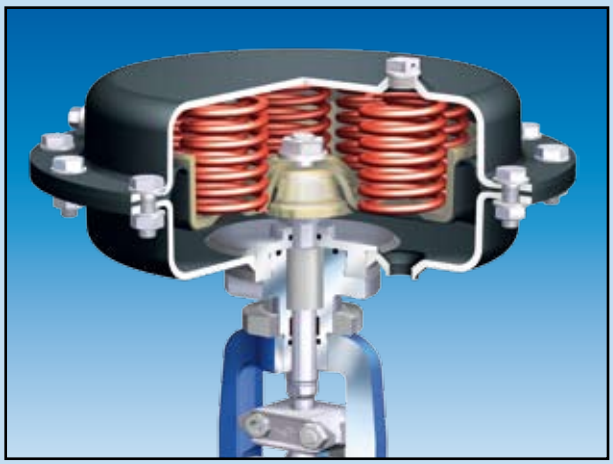
1. “Cut off effect” – surface deposits are removed from the seat when the valve closes



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!”

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GERMAN QUALITY VALVES

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