

■ **High pressure stop check valve** ■ DRA 26 / 27 ■ 640 ST ■ Class 900 - 2500 ■ NPS 3 - 16



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Standard features

- Body hollow-forged in a closed die (DRA 26) or made of forged steel (DRA 27)
- Double-sided high-pressure shut-off system
 - Function of a check valve
 - Function of a gate valve
- Internal hinge pin, pivoted in a separate retaining ring
- Movable shut-off system guided in a groove
- Defined stop of the check disc
- Pressure sealing bonnet acc. to VGB-guidelines
- Generally stellited seats

Pressure ratings

- Up to standard class or special class 2500

Materials

- A 105 ■ A 182 F12 Cl.2 ■ A 182 F22 Cl.3
- A 182 F91 ■ A 182 F92

Further materials and nominal sizes on request

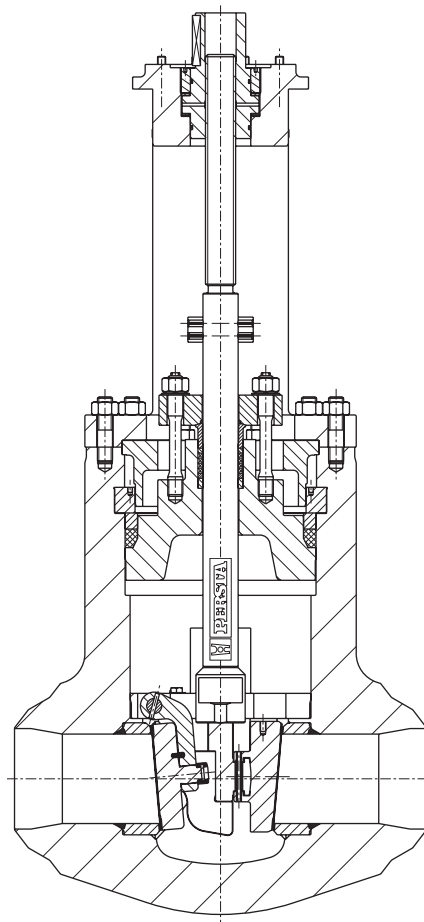
Media

Depending on the material the globe valves are suitable for water, gas, oil and other non aggressive media

Fields of application

High temperature steam and water, refining (catalytic reformers and hydrocrackers), petrochemical and chemical industries

High pressure stop check valve



Design-Highlights

- Operating mode as a check valve and a gate valve
- Sealing in both flow directions
- Full straight seat passage
- Full opening angle of the check disk
- Flexible-mounted non-return and shut-off disc
- Shut-off system guided in a groove
- Shut-off discs with anti-twist safeguard

Benefits

- Possible savings:
 - One valve
 - Two welding seams in pipeline
 - Space and weights
 - Less insulation time and effort
 - Less maintenance and inspection requirements
- Secure protection of relevant and complex parts of the plant
- Better flow characteristics than non-return valves
- Minimizing pressure drop
- Better smoothness of running and adjustment of the valves in the body seats
- Prevention of positional deviations of the shut-off disc and protection against damage
- Effective adjustment to the body seats with constant repetitive contact