

## Further versions

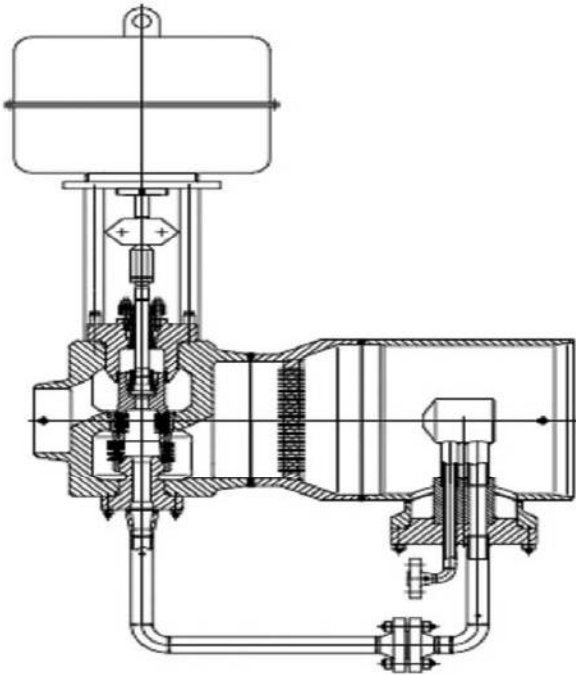


Fig. 4: Steam-converting valve (globe-style body)

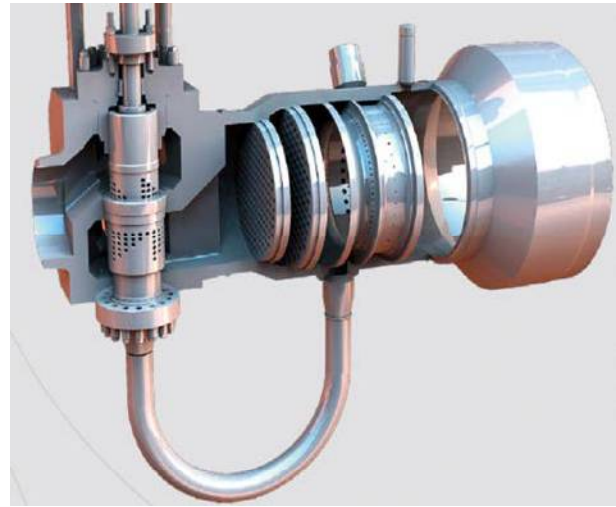


Fig. 5: Steam-converting valve (globe-style body) with injection of large quantities of water

## Cooling water valve, series BK

### Application

Regulation of the flow rate of cooling water for the Type DUP Steam-converting Valve

### Valve size

DN 15 to 80

NPS ½ to 3

### Pressure rating

PN 25 to 400

Class 150 to 2500

### Medium temperature

Up to 220 °C - Up to 430 °F

Globe valve with

- Pneumatic Actuator

Valve body made of

- Forged steel C22.8/ A105
- Heat-resisting forged steel 16Mo3/A182 F2

### Versions

**Standard version** · Globe valve with welding ends, controlled pressure reduction in one to four stages, PTFE/graphite packing, equal percentage characteristic

### Further versions

- Body with flanges
- Angle-style body
- Medium temperatures above 220 °C on request
- Linear or modified linear characteristic
- Electric actuators
- Hydraulic actuators

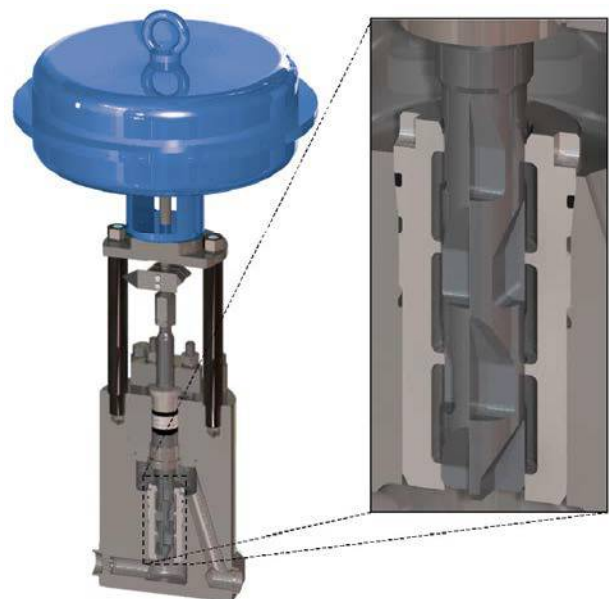


Fig. 6: Cooling water valve with four-stage controlled pressure reduction

### Note:

- The cooling water valve belonging to the steam-converting valve is part of the steam converter unit.
- The cooling water valve is sized taking all load cases of the station into account. If the cooling water valve is ordered separately, we cannot guarantee proper temperature regulation of the steam-converting valve.