

SEMPELL

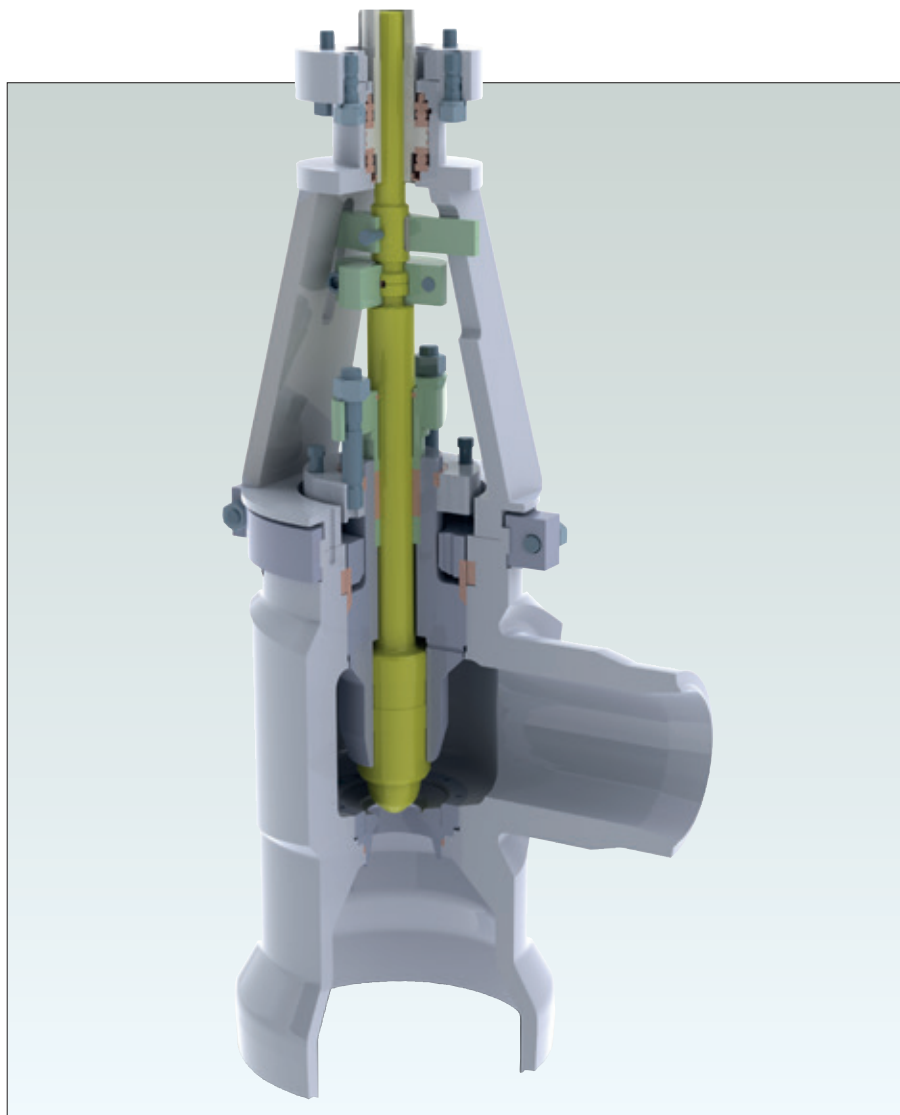
'Less is More' Single stage for boiler discharge applications

Features and benefits

- Body of forged steel or cast
- Angle type and Z-type
- Enlarged outlet DN for reduction of velocity of two phase flow
- Changeable seat
- Seat optimized with regard to wear and tear
- Separation of the sealing and throttling areas
- Plug and seat design prevent two phase flow over the seat
- Downstream of throttling area (vena contracta) enlarged room to handle two phase flow properly
- Actuation: hydraulic, pneumatic, electric

Application

Control of boiler water level during boiler start-up.



Technical data

Size	: 3" - 6"
Pressure class	: class 2500, higher on request
Body material	: A105 / WCB A182 F12 / WC 6 / WC 9
Trim material	: 17% Cr steel
Stem sealing	: stuffing box, pure graphite packing
Plug design	: parabolic
Characteristic	: equal percentage
Control ratio	: 1:40
Sealing seat/plug	: hardfaced
Leakage class	: as per FCI 70-2 Class V