

Reineke

Reineke



Ein Unternehmen mit Tradition und Zukunft
A company with tradition and a future

Stellventile mit Hydraulikzylinder
Control valves with hydraulic cylinder

ISO 9001
Qualität



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Reineke

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Technische Daten

Armaturen

Hochwertige Stellarmaturen für die Kraftwerkstechnik und die Prozesswärmeerzeugung:

- Druckregelventile
- Sicherheits-Überströmventile
- Sicherheits-Schnellschlussregelventile
- Mengenregelventile
- Dampfumformventile
- Anfahr-Umleitstationen
- Umleitstationen für alle Druckbereiche
- Flaschen-Ablaufregelventile

Ergänzt mit Komponenten wie:

- Treibdampfkühlern
- Venturikühlern
- Einspritzregelventilen
- Schalldämpfern

Die Gehäusekörper bestehen aus geschmiedeten oder gegossenen Werkstoffen entsprechend der relevanten Regelwerke. Die Armaturen können in Durchgangsform, Eckform, Z-Form und T-Form ausgeführt und mit vielfältigen Anschlussgrößen und -formen kombiniert werden.

Zur Betätigung werden elektrische, pneumatische oder hydraulische Reineke –Stellantriebe, jeweils auf den Anwendungsfall zugeschnitten, eingesetzt.

Für Ausführungen mit überlagerter Sicherheitsfunktion gemäß TRD 421 Regelwerk kommen bauteilgeprüfte Reineke-Systeme zum Einsatz.

Technical Data

Control Valves

High quality control valves for applications in electric power and steam plants:

- Pressure Reduction Valves
- Safety Overflow Valves
- Steam Conditioning Valves
- Flow Control Valves
- Start-up Bypass Systems
- HP-, IP- and LP-Turbine Bypass Valves
- Boiler Feedwater Control Valves
- Boiler Blowdown Valves

Completed with accessories:

- Steam Atomizer
- Venturi Cooler
- Spraywater Valves
- Silencers

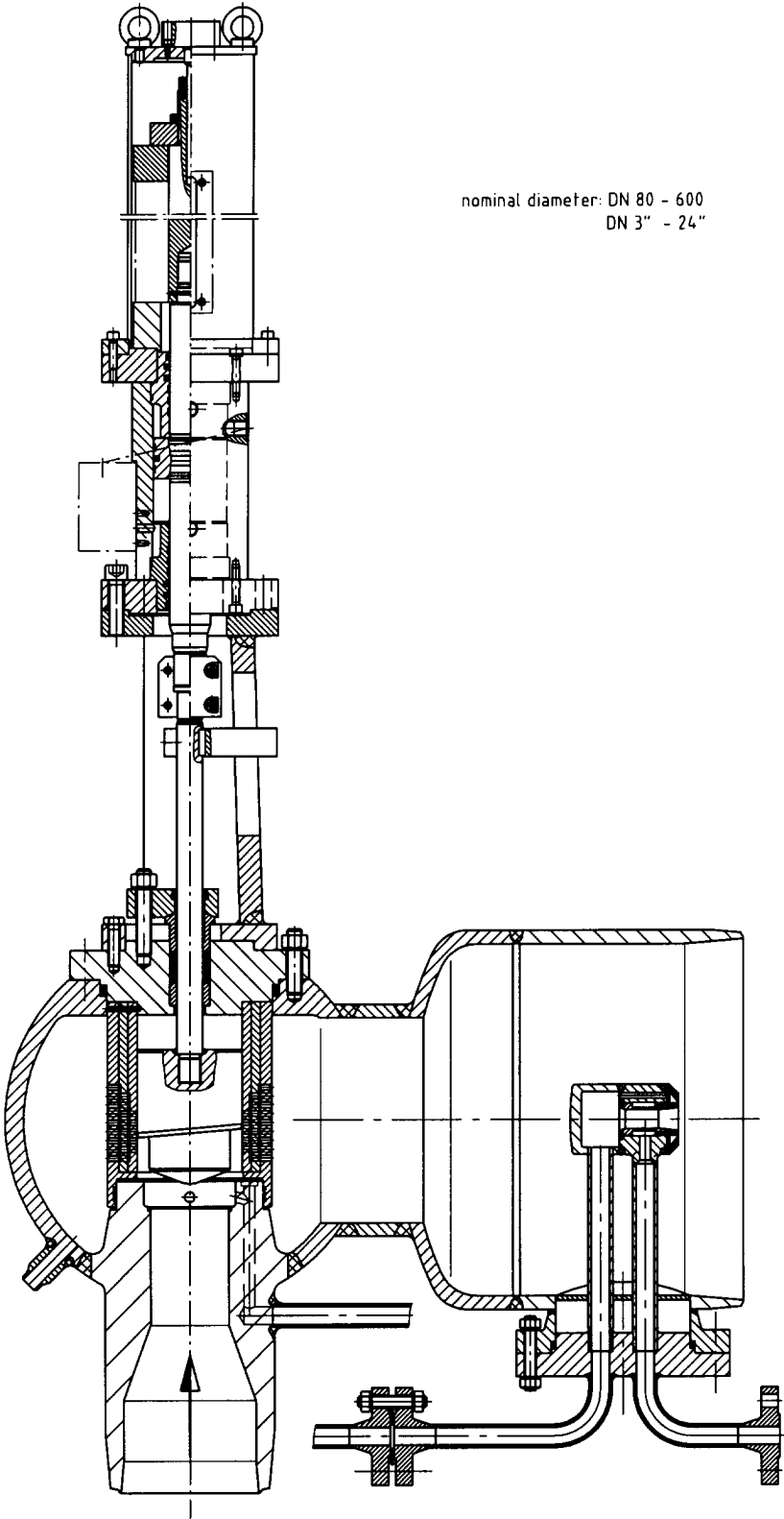
The valve bodies are made of forged or casted steel material. The valves are designed in globe or angle body configuration, arranged in Z- or T-pattern and can be combined in several types of connection ends.

The control valves are equipped with electric, pneumatic and Reineke electro-hydraulic actuators.

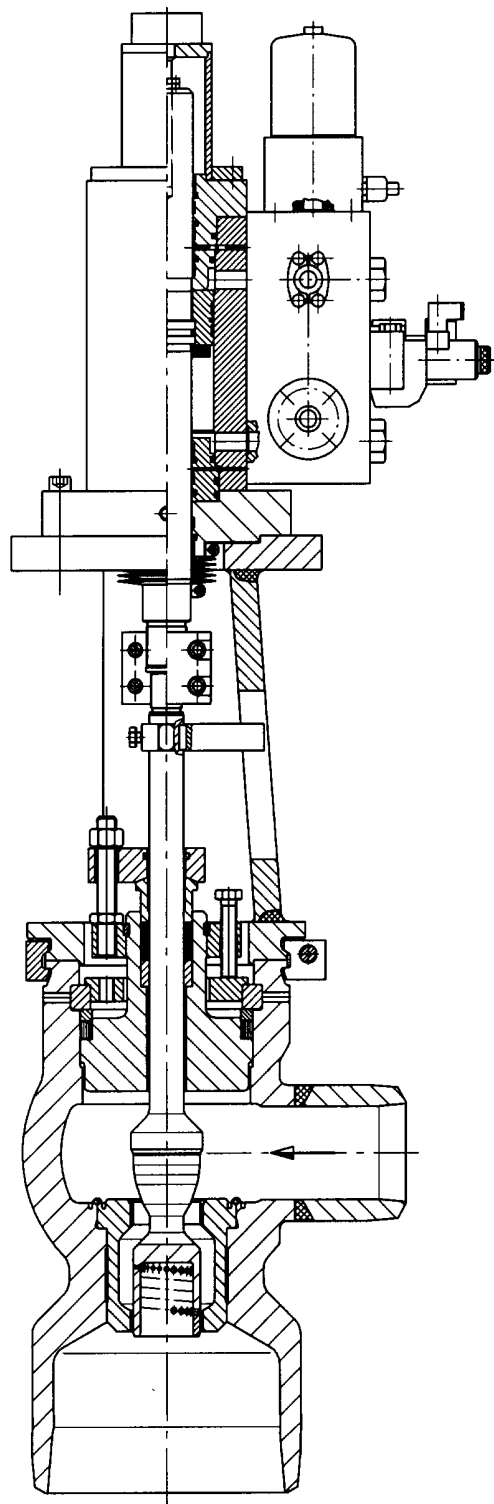
Control valve systems with safety functions in acc. TRD 421 (German Boiler Regulations) are equipped with Reineke electro-hydraulic actuator systems and Reineke triple pressure protection device.

Gehäuseform Body Design	Nennweiten Nom. Diameter	Druckstufen Pressure Rating	Temperatur Temperature	Gehäusewerkstoff Body Material	Anschlüsse Connections
Durchgangs-, Eck-, Z- und T-Form	DN 50 bis 700	PN 10 bis 400	-10 bis + 550° C	Schmiede-, Guss- und Blechmaterial, legiert und unlegiert, nach DIN und internationalen Regelwerken	DIN oder ANSI Flansche Schweißenden
Globe/Angle body, in Z- or T- pattern	2" up to 28"	ANSI CLASS 150 to 4500	15 up to 1050° F	forged, casted and fabricated Materials high and low alloys in acc. to DIN and International standards	DIN or ANSI flanges butt weld ends

2.1.4.1 IP-Bypass Valve / HP-Bypass Valve (Type E 222-1)



2.1.5.1 Spray Water Valve (Type E 300-1)

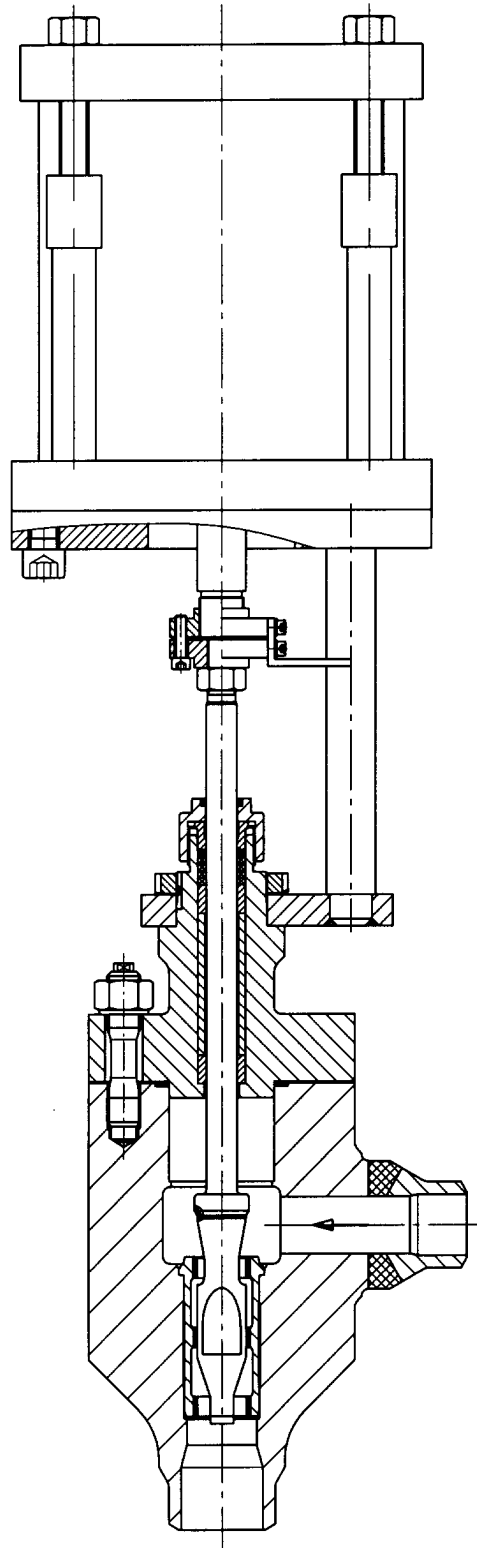


nominal diameter: DN 80 - 500

DN 3" - 20"

body design: angle- and z- design

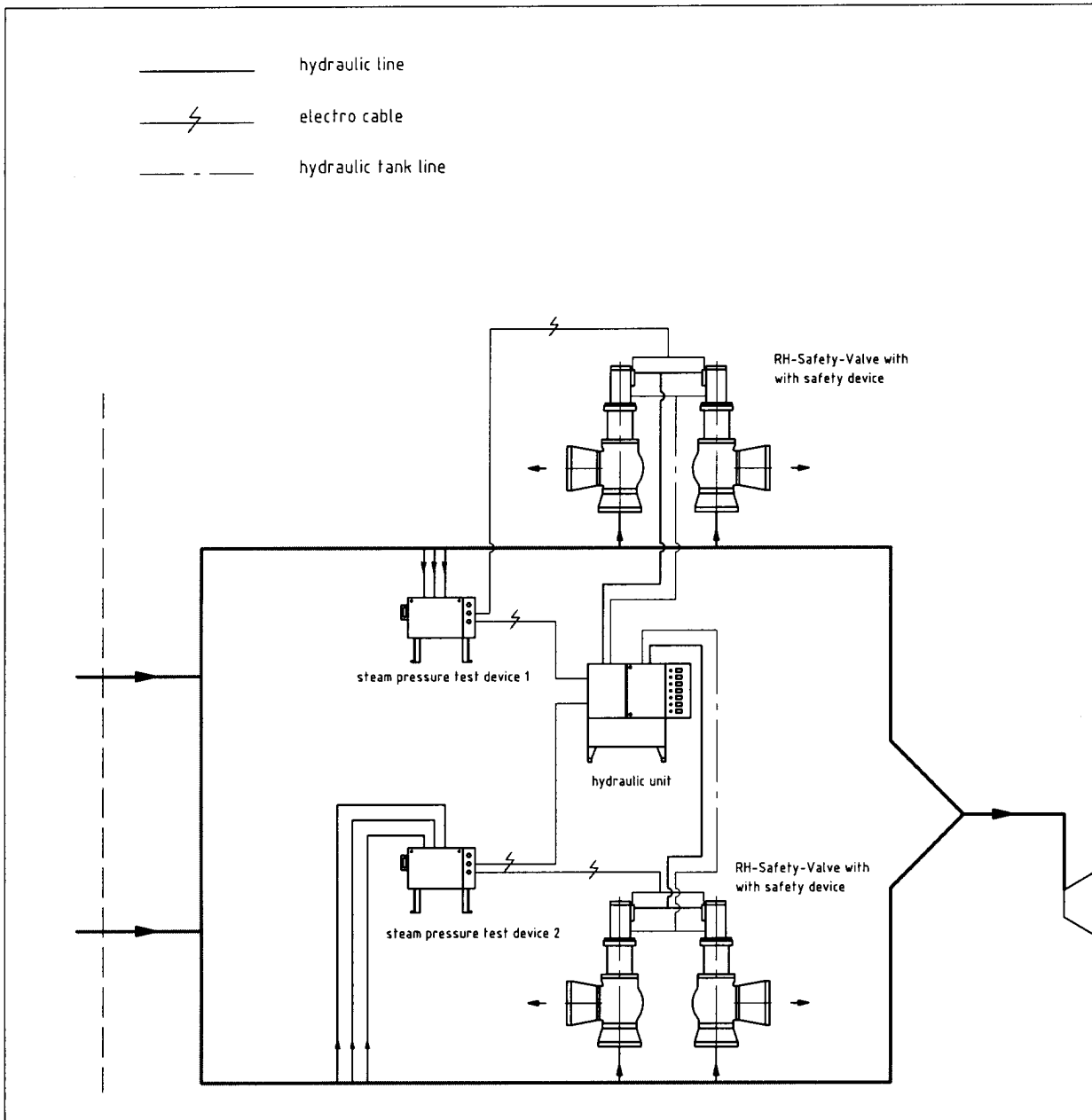
2.1.6.1 Drain Valve (Type E 920-3)



nominal diameter: DN 25 - 80
DN 1" - 3"

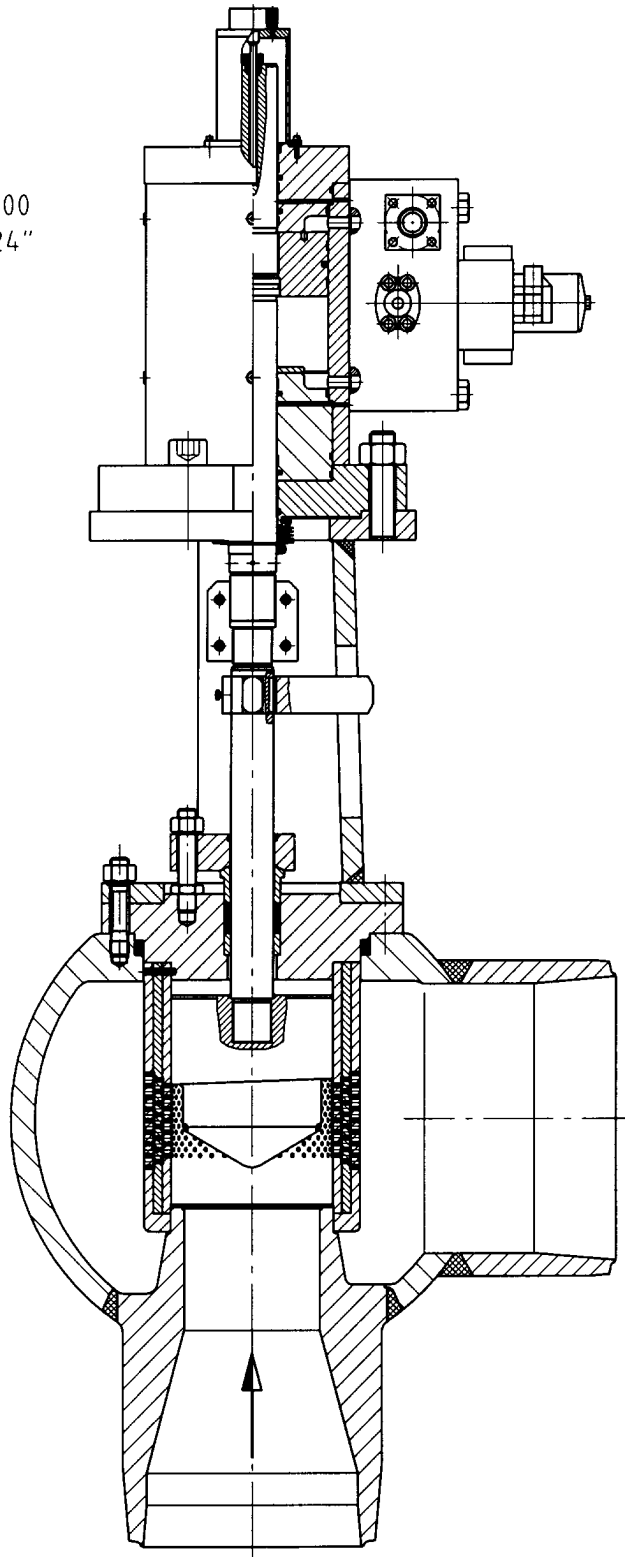
2.1.7 Reheater Safety Valve

The function of the valves is to work as combined pressure reducing and desuperheating valves, and at the same time, acting as safety valves. The scheme below shows the typical arrangement of RH-Safety valve application.



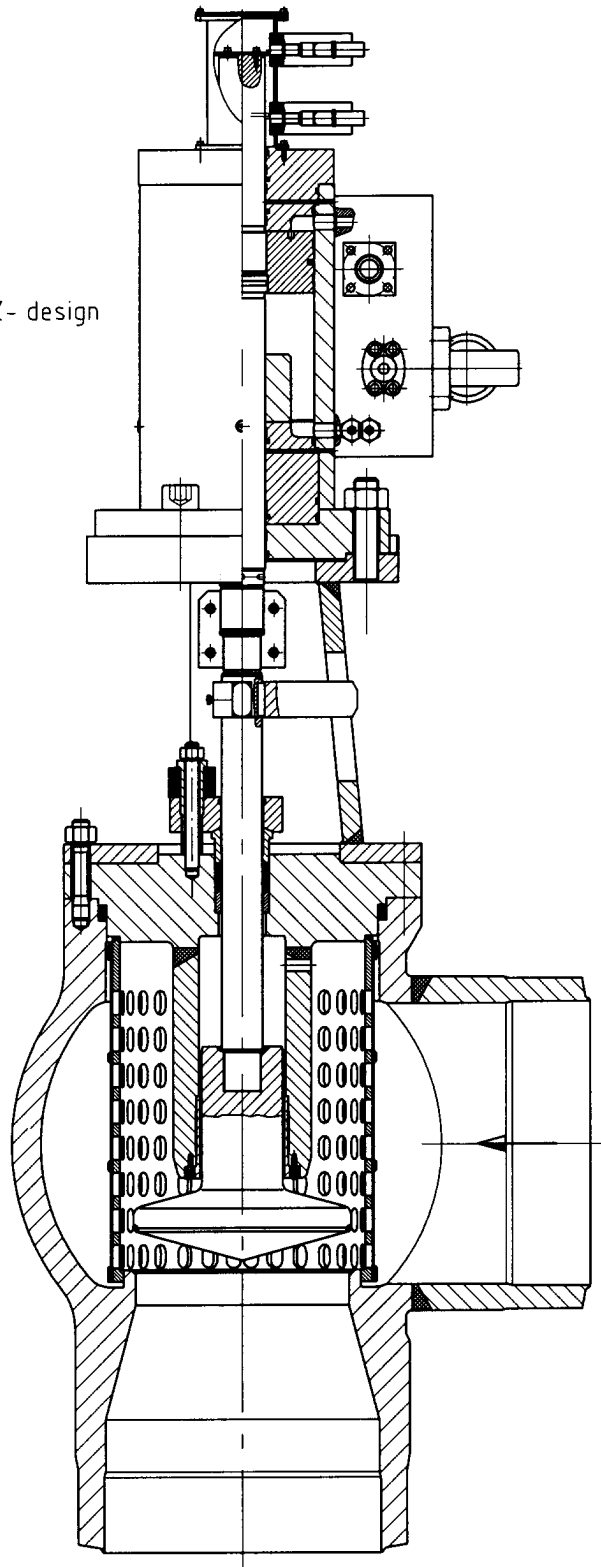
2.1.7.1 Reheater Safety Valve (Type S 220-1)

nominal diameter: DN 80 - 600
DN 3" - 24"

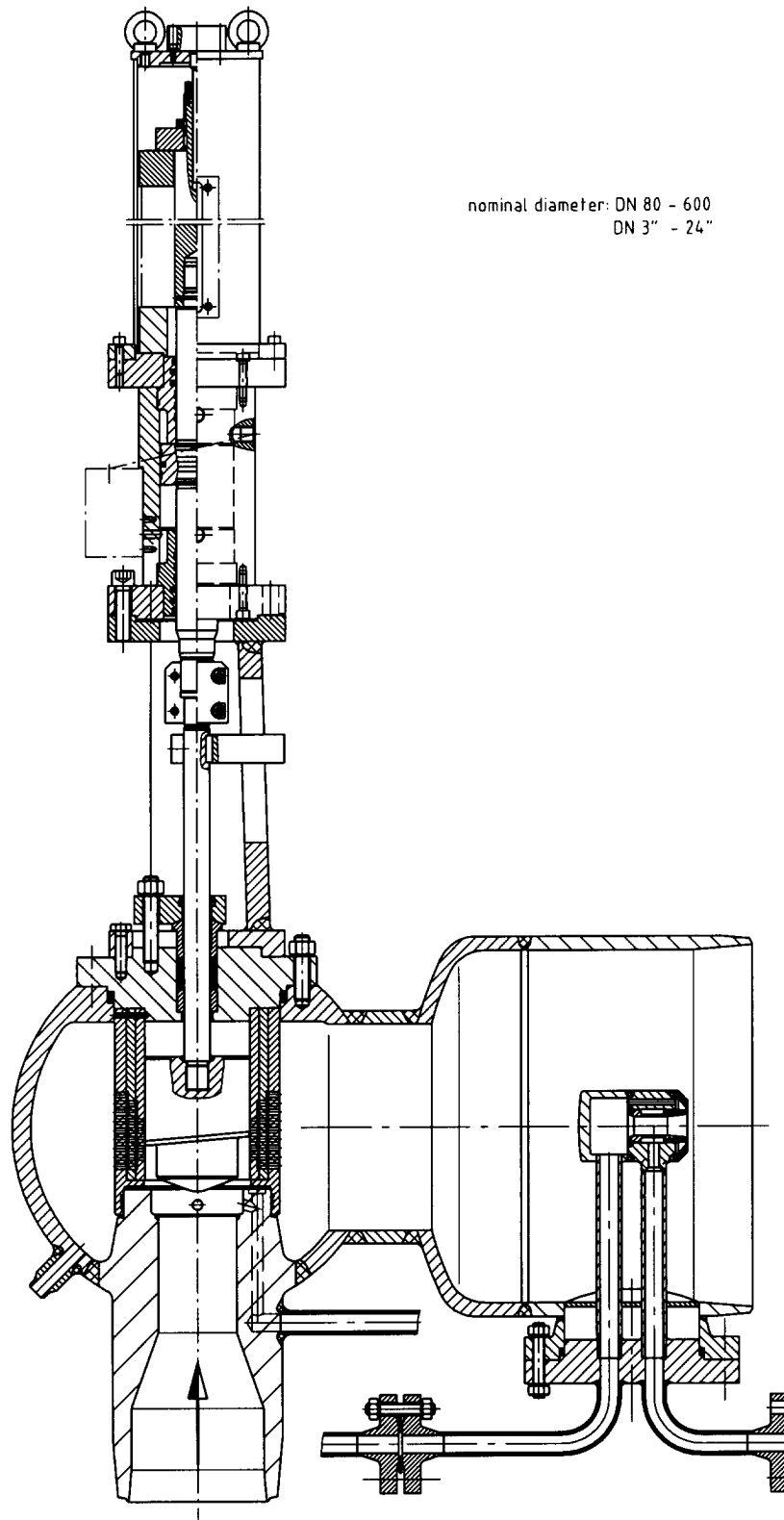


2.1.7.2 Reheater Shut-Off Safety Valve (Type S 500-1)

nominal diameter: DN 50 - 600
DN 2" - 24"
body design: angle- and Z- design

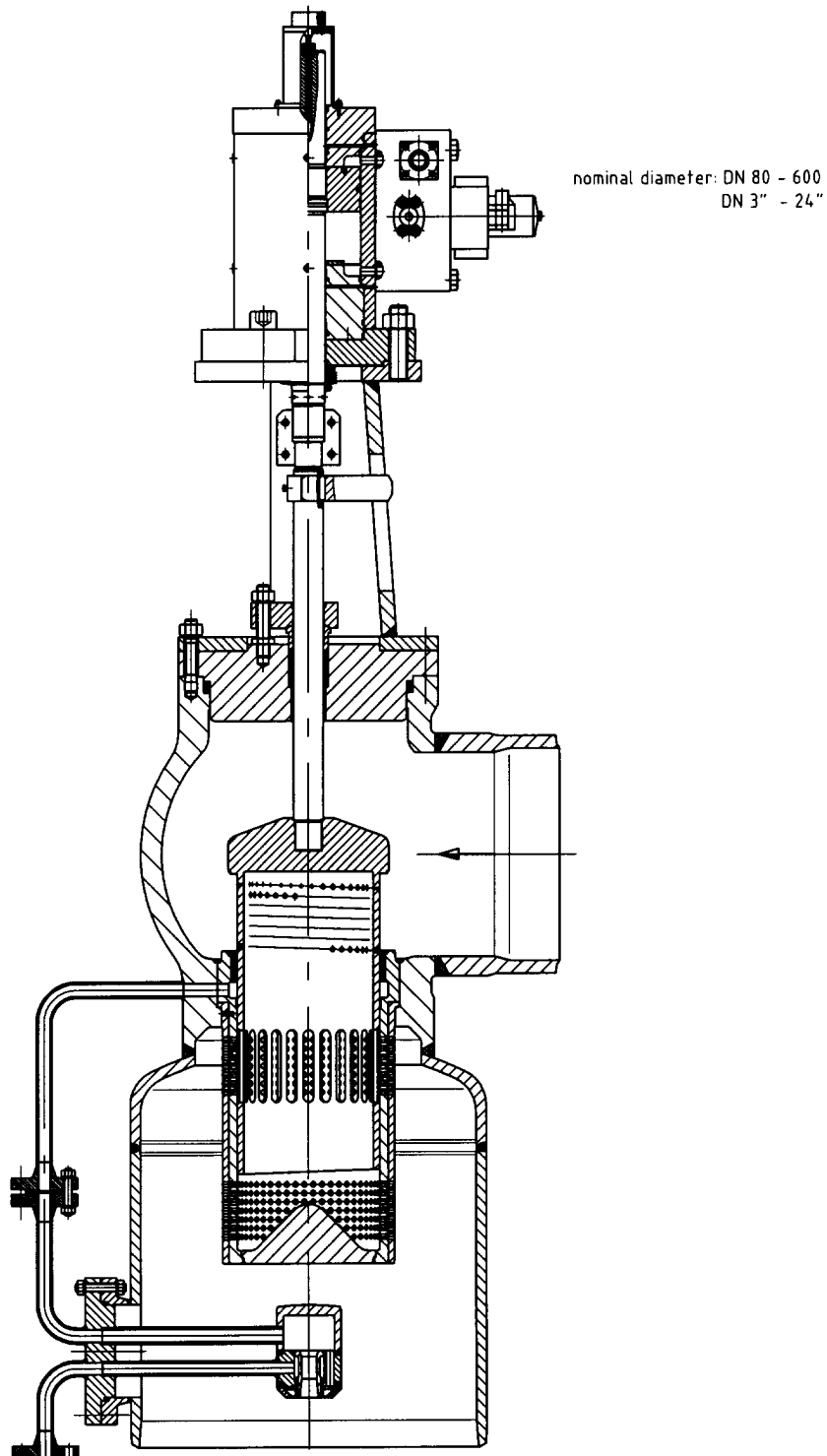


2.2.8.1 High pressure bypass valve (Type E 222-1) => pressure under plug!



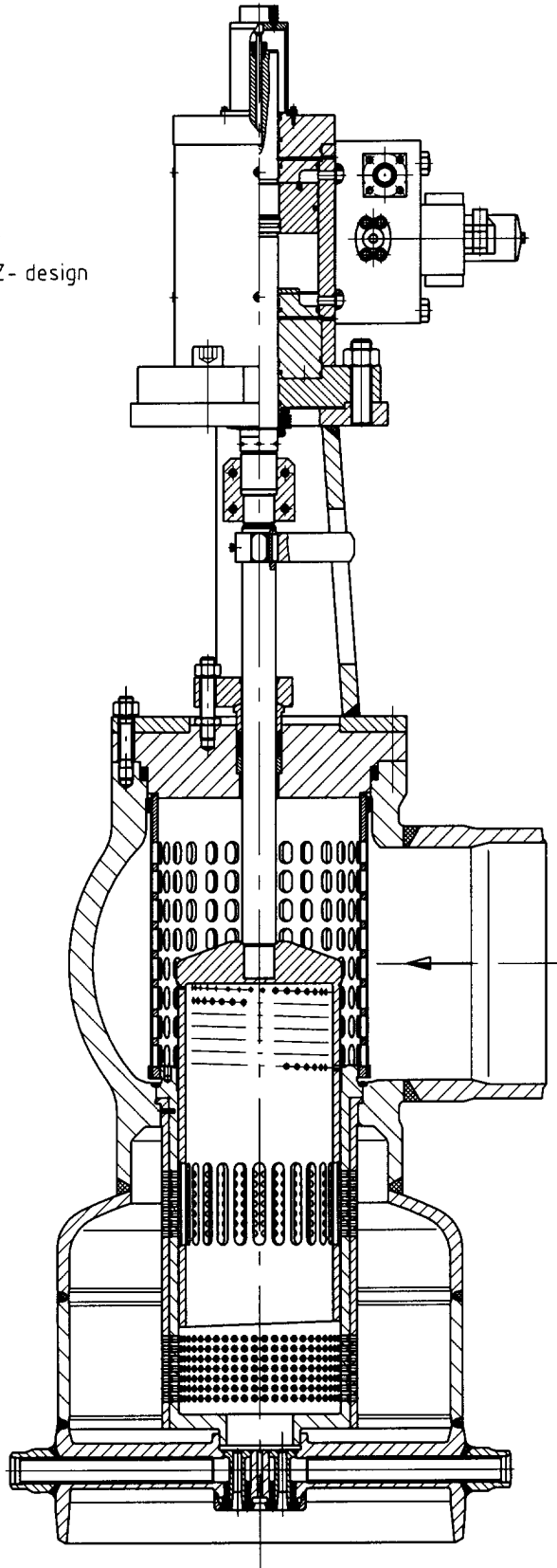
nominal diameter: DN 80 - 600
DN 3" - 24"

2.2.8.2 High pressure bypass valve (Type E 222-1) => pressure over plug

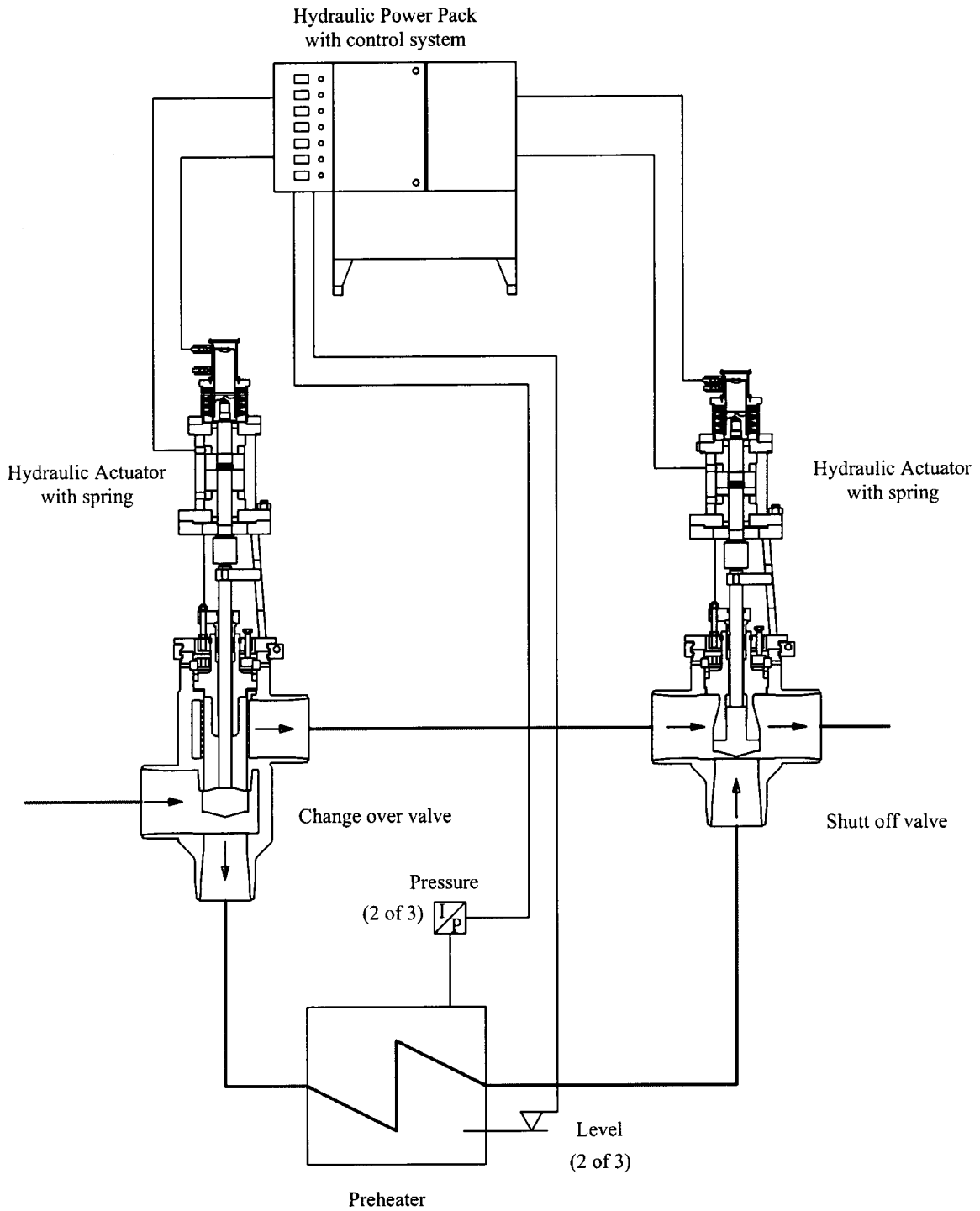


2.2.8.3 Steam conditioning valve with steam atomizing attemperators (Type E 121-1)

nominal diameter: DN 80 - 600
DN 3" - 24"
body design: angle- and Z- design

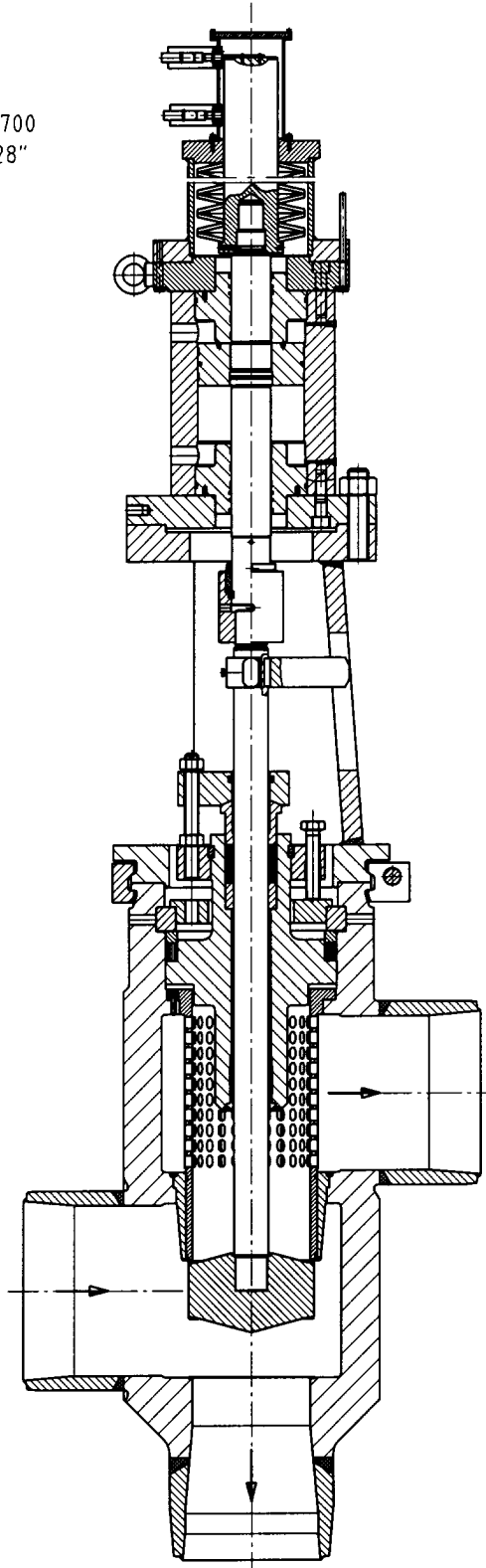


2.2.1.1 Valve system for preheater protection



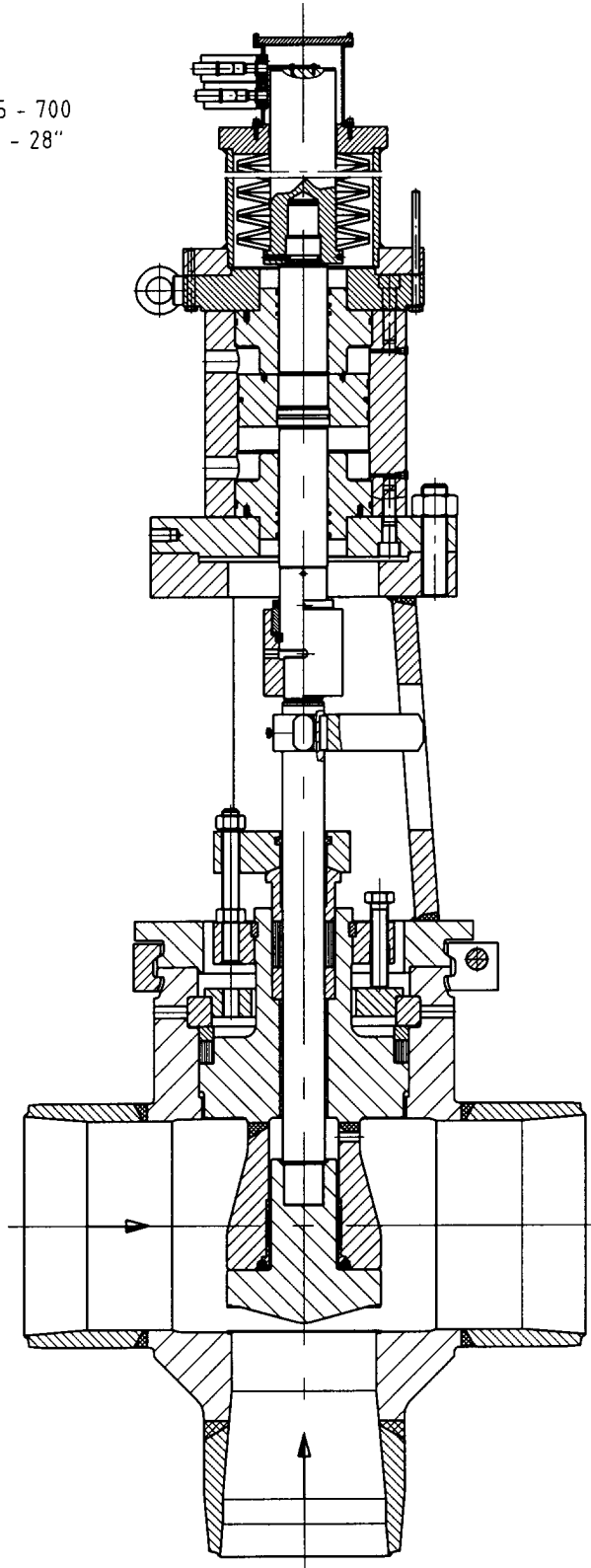
2.2.1.2 Change-over valve (Type V 800-1)

nominal diameter: DN 125 - 700
DN 5" - 28"



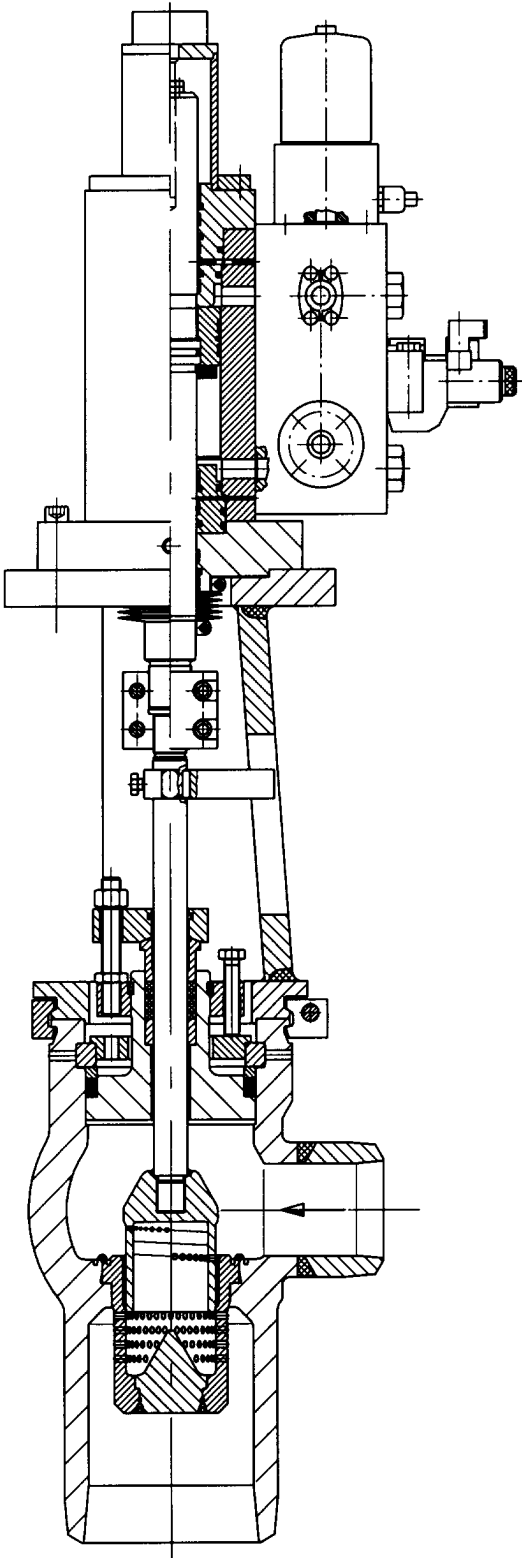
2.2.1.3 Shut-off valve (Type V 500-1)

nominal diameter: DN 125 - 700
DN 5" - 28"



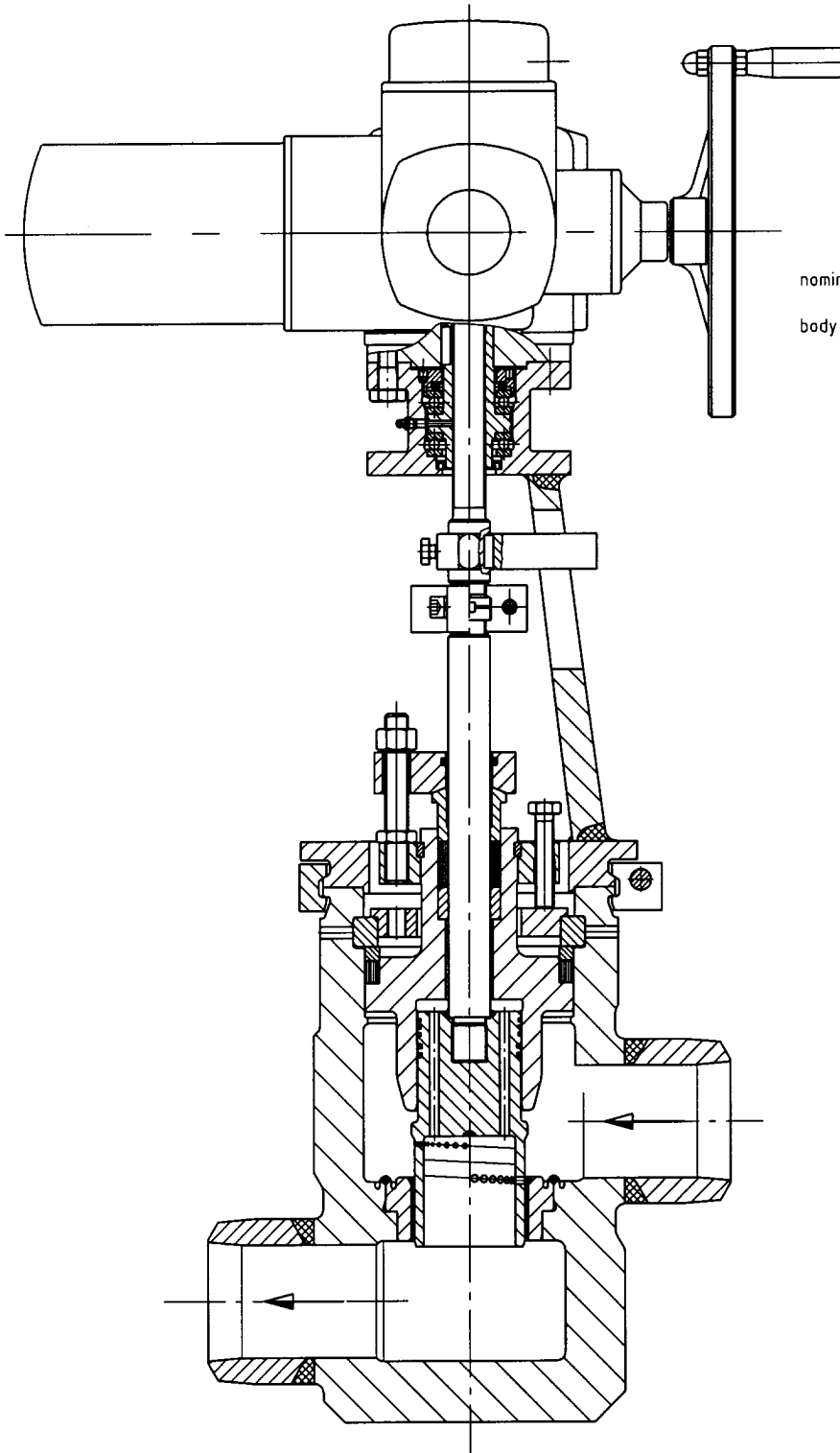


2.2.2.1 Feed Water Control Valve (Type E 100-1)



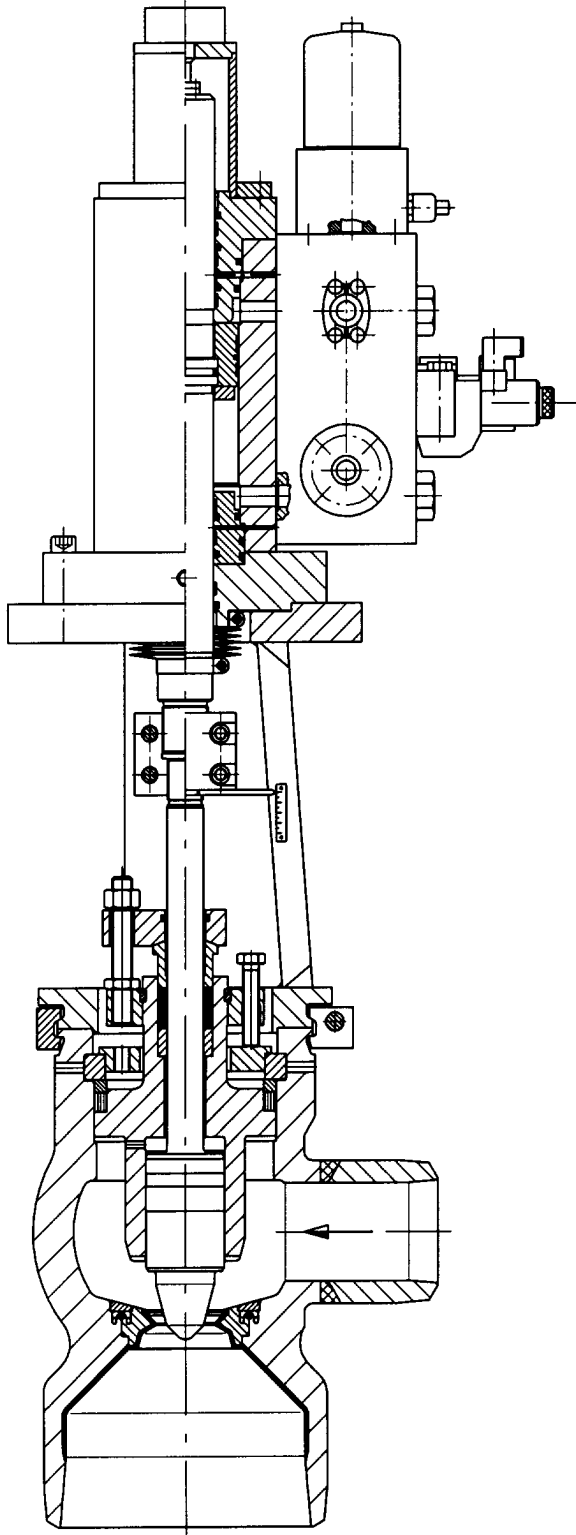
nominal diameter: DN 80 - 500
DN 3" - 20"
body design: angle- and Z- design

2.2.2.2 Feed Water Control Valve (Type Z 110-2)



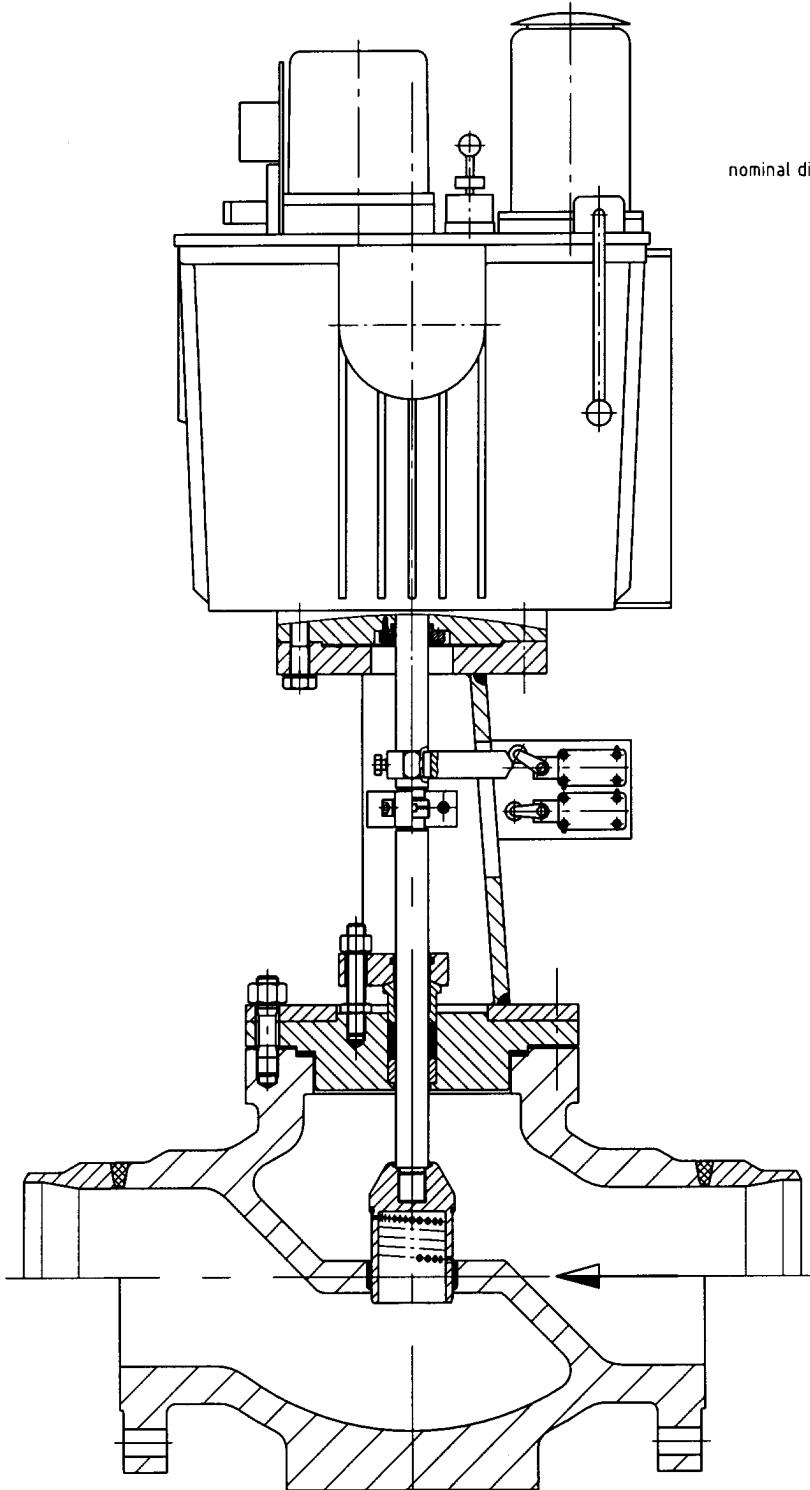
nominal diameter: DN 80 - 500
DN 3" - 20"
body design: angle- and Z- design

2.3.1.1 Discharge Valve (Type E 200-1)



nominal diameter: DN 80 - 300
DN 3" - 12"

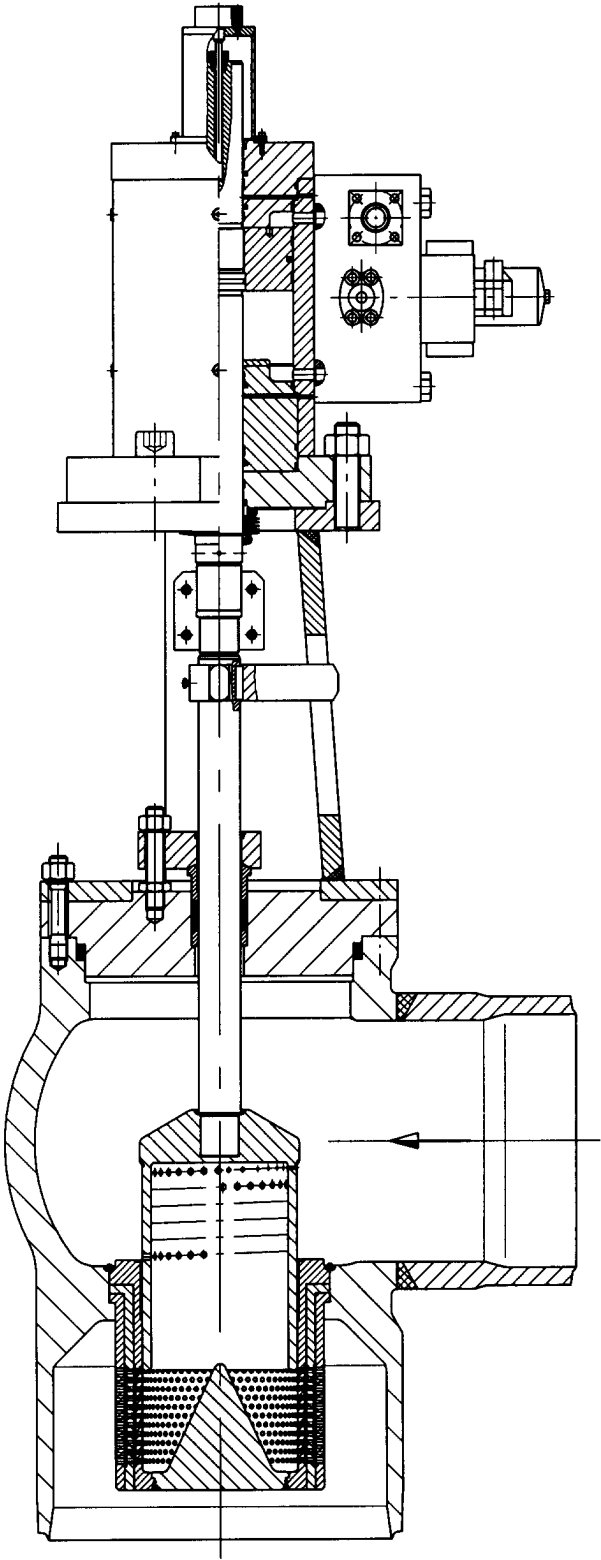
2.3.1.2 Control Valve (Type D 100-1)



nominal diameter: DN 25 - 600
DN 1" - 24"

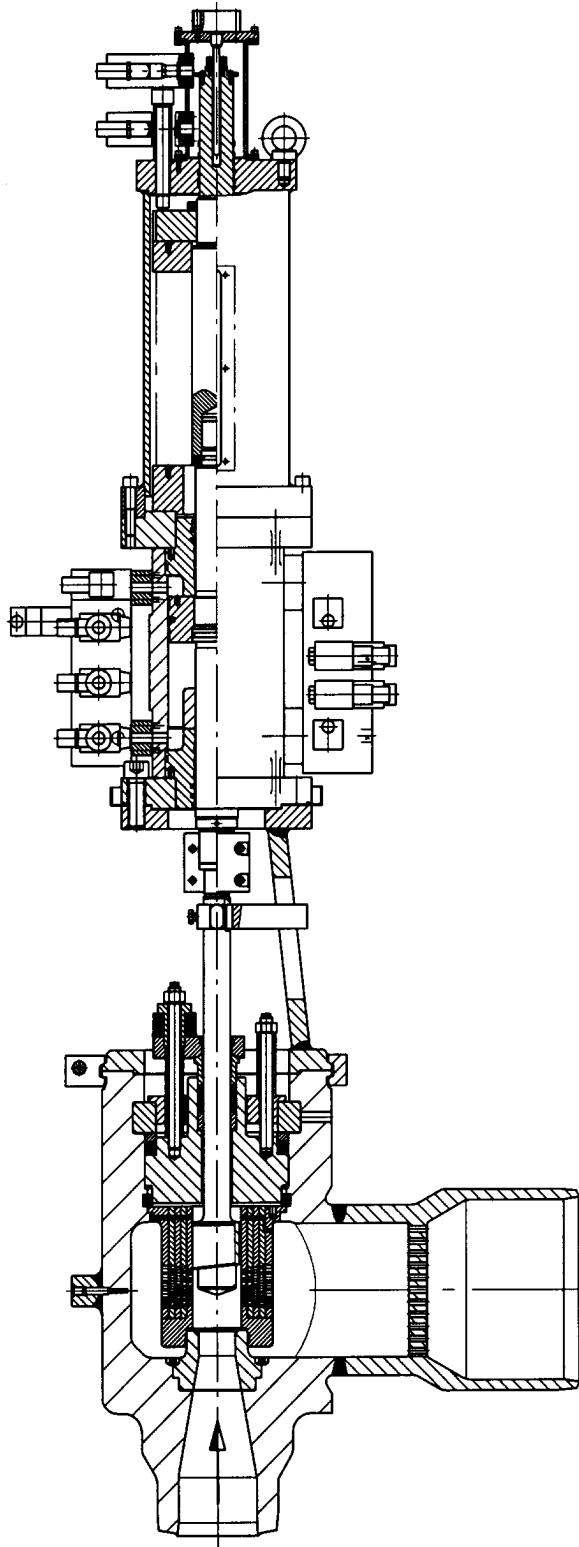


2.3.1.3 Control Valve (Type E 120-1)



nominal diameter: DN 80 - 500
DN 3" - 20"
body design: angle- and Z- design

2.4.1.1 Safety Shut Off Valve (Type S 500-1)



nominal diameter: DN 80 - 500
DN 3" - 20"