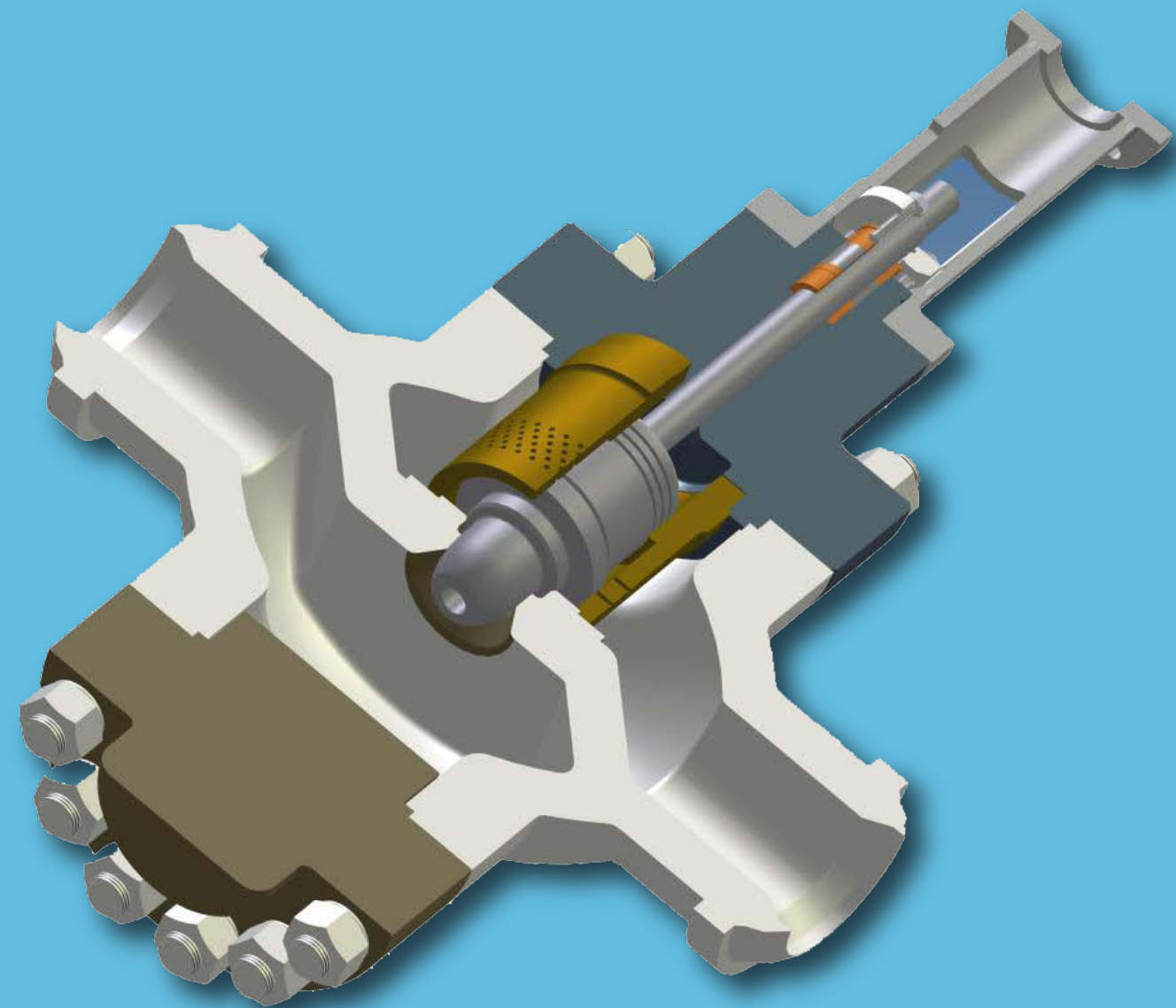




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Spraywater Control Valve



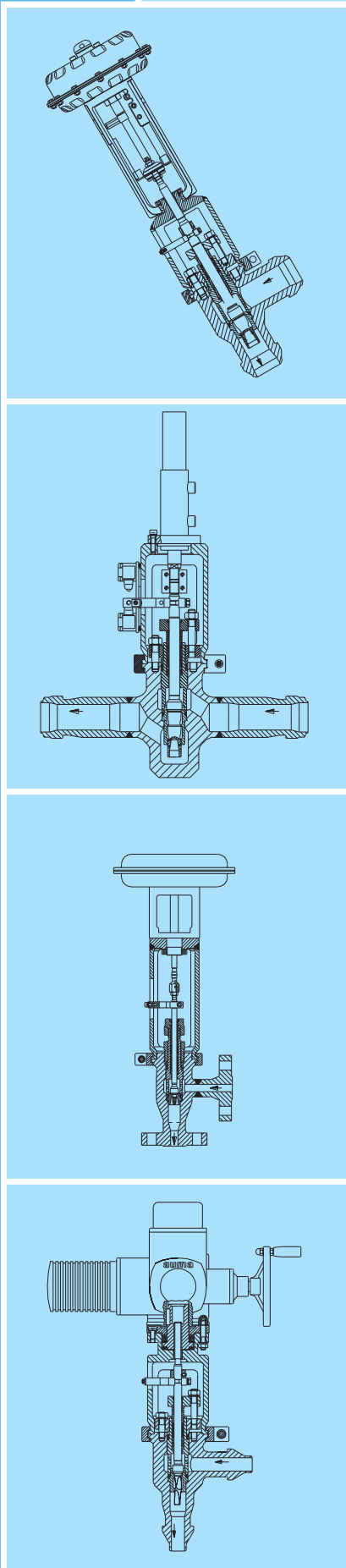
Technical Data

Casing shape Elbow, Z, or straight shape
Nominal diameter 15-125
Pressure level up to PN 400
Pressure difference all pressure difference, high pressure difference with multistagevalve type
Connections butt-weld ends/with flange connection

Materials

Casing 1.5415, 1.4057
Seat 1.4057
Spindle 1.4922, 1.4903

Pressure stage	1	2	3
	up to PN400	up toPN400	up to PN 400
Nominal diameter (DN)	15-50	25-80	65-125
Kvs (max)	11	25	72
Characteristic	equal percent (optionally linear or square shaped)		
Seat diameter (max)	18	30	50
Spindlediameter	16	24	35
Stroke	20	25	35



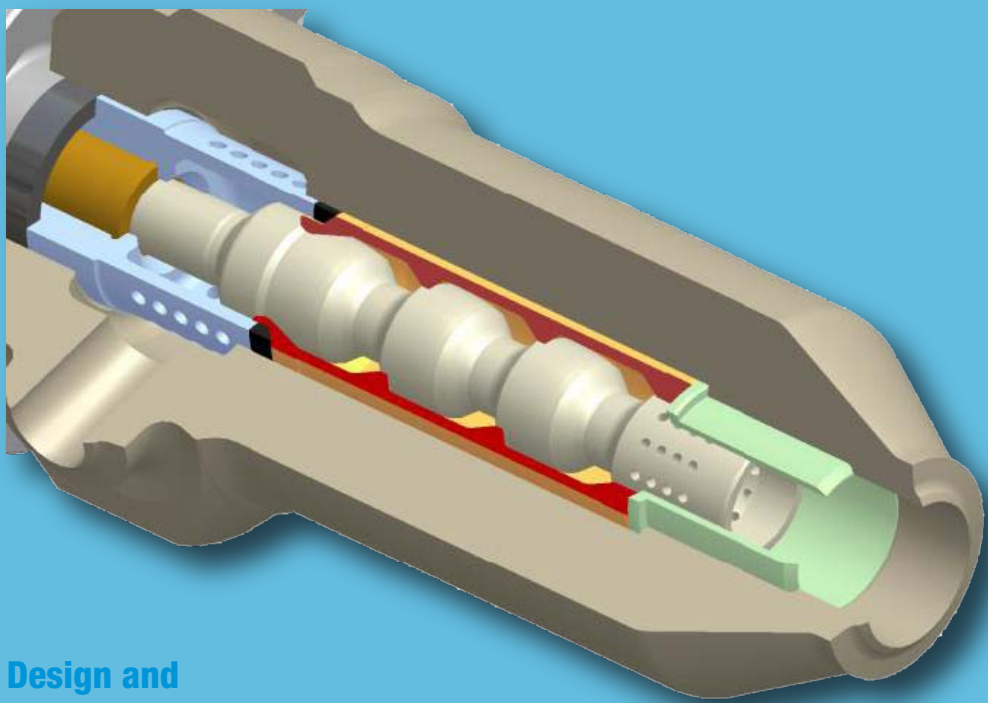
Spraywater Control Valve

Advantage

- Simple design
- Easy exchangeability of valve seat
- Low actuating force
- Low maintenance efforts
- Actuated by any common drive types
- Body and internal parts of forged steel
- Cost-effective
- Short delivery period

Application

Valves of this series feed injection water in a controlled way to the connected fittings and/or coolers. The injection water serves as a hot-steam temperature control.To achieve a good adaptation for each application, the injection valves are available as single stage or multistage type. However, they can be used as control or stop valves for other media.



Design and mode of Operation

A principle of the valve design of a four-stage valve is shown in the picture above. In the case of special applications, i.e. very high pressure difference, the valve is available as a multistage seat/cone version.

VALVES