Steam Conditioning Valve type DZE
(Turbine Bypass Valve)

200 MW / 300 MW / 600 MW / 750 MW / 1000 MW

- High-pressure valve with safety function
- DN 80 - 400 inlet, 250 - 1500 outlet
- PN 20 - 630
- Steam atomised spraywater
- Water injection up to 30% of steam
- Flow to open plug
- Downstream injection
- Short mixing and evaporation path
- Low water temp. acceptable
- Low spraywater pressure required

Nominal Size: 25 / 1” – 800 / 32”
other sizes on request

Rating: PN 20 – 630 / Class 150 - 4500

Control Range: 1:25, 1:30, 1:50
according to specifications

Control characteristic: linear or equal
percentage linear

Design: forged steel-welding
construction, angle form, z-type

Connections: welding ends, flanges

Actuators: hydraulic, pneumatic,
electric, according to specifications

All materials according to DIN or ANSI / ASTM. For the main parts of our valves we use standard material as listed below or according to our customer specifications.

<table>
<thead>
<tr>
<th>Material acc. to DIN</th>
<th>Description acc. to DIN</th>
<th>Material ASTM/AISI/ASME</th>
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<tr>
<td>1.0460</td>
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<td>ASTM A105</td>
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