DESIGN FEATURES OF BLEEDER VALVES

- Fabricated construction
- Valve actuation by hydraulic cylinder (Standard)
- Pressure rating up to 6.0 bar
- Service temperatures up to 500°C
- Nominal sizes up to DN 800
- Other sizes or operating conditions on request

THIS DESIGN GUARANTEES

- Reliable emergency opening against springs
- Only minimal overpressure in bell less top and washer after (emergency) opening of the bleeder -> good protection of equipment
- Reduced maintenance and improved accessibility of equipment which is located on the same platform
- Higher reliability & availability thanks to continuously improved design and customer feedback over several years
Fabricated construction

Valve actuation by hydraulic cylinder

(Standard)

Pressure rating up to 6,0 bar

Service temperatures up to 500 °C

Nominal sizes up to DN 800

Other sizes or operating conditions on request

DESIGN FEATURES OF BLEEDER VALVES

Reliable emergency opening against springs

Only minimal overpressure in bell less top and washer after (emergency) opening of the bleeder -> good protection of equipment

Reduced maintenance and improved accessibility of equipment which is located on the same platform

Higher reliability & availability thanks to continuously improved design and customer feedback over several years

<table>
<thead>
<tr>
<th>Bleeder Size [DN]</th>
<th>500</th>
<th>630</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening time [s]</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Closing time [s]</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Connecting flange [DN]</td>
<td>800</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Blow-off section [m²]</td>
<td>0,19</td>
<td>0,31</td>
<td>0,50</td>
</tr>
</tbody>
</table>
## VCL PRODUCT RANGE

- Goggle Valves
- Lever Valves
- Double Eccentric Valves
- Butterfly and Louver Valves
- Dust Outlet Valves
- Hot Blast Valves (Energy saving)
- Tuyere Stocks (Energy saving)
- Wedge Gate Valves

## ADDITIONAL PRODUCTS

Push Lever Valves, Snort Valves, Bleeder Valves, Equalizing & Relief Valves, Back Draft Valves, Non Return Valves, Line Blinds

## ADDITIONAL SERVICES

Repair Service, Refurbishment and Modifications, Spare parts for each kind and brand of Valves