Quality at a Reasonable Price

V2001 Valve Series with Type 3321 Valve

- Nominal sizes DN 15 to 100
- According to DIN, ANSI or JIS standards
- Cast iron, cast steel or stainless steel
- Insulating section
- Integral positioner attachment
- Differential pressure up to 10 bar
### Valve body
| DN     | 15 to 100 |

### Materials
| Cast iron | Cast steel | Stainless steel |

### Nominal pressure
| PN 16 | PN 16/25/40 | PN 40 (up to DN 50) | PN 16 (DN 65 and larger) |

### Connection
Flanges according to DIN EN 1092-1/2

### Materials
<table>
<thead>
<tr>
<th>Seat</th>
<th>DN 15 to 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4305 (up to DN 25)</td>
<td>1.4104 (for DN 32 to DN 50)</td>
</tr>
<tr>
<td>1.4104 (up to DN 50)</td>
<td>1.4408 (seat machined into valve body, DN 65 and larger)</td>
</tr>
</tbody>
</table>

### Plug
| 1.4305 (up to DN 50) | 1.4404 (for DN 65 and larger) |

### Leakage class
Soft sealing: VI  
Metal sealing: IV

### Characteristic
Inherent

### Rangeability
50:1

### Travel
15 mm up to \( K_{\text{vs}} \), 30 mm for \( K_{\text{vs}} \) 160

### Packing
Self-adjusting V-ring packing of PTFE with carbon

### Temperature range*
-10 to 220 °C without insulating section  
-60 to 300 °C with insulating section  
-60 to 300 °C with insulating section (only up to DN 50)

### \( K_{\text{vs}} \) and seat diameters

<table>
<thead>
<tr>
<th>DN</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>32</th>
<th>40</th>
<th>50</th>
<th>65</th>
<th>80</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>( K_{\text{vs}} )</td>
<td>0.25</td>
<td>0.63</td>
<td>1.6</td>
<td>4</td>
<td>2.5</td>
<td>6.3</td>
<td>4</td>
<td>10</td>
<td>6.3</td>
</tr>
</tbody>
</table>

| Seat Ø mm | 3 | 6 | 12 | 12 | 24 | 24 | 48 | 80 | 48 | 80 |

* Temperature range –60 to –10 °C only on application of Code AD 2000 W10