

ECON® Bellow sealed valve Type: 433 Ductile cast iron Flange PN16

ECON® cast iron bellow sealed globe valve, SS trim, double bellow, straight pattern, flanged connection, outside screw & yoke, non-rising hand wheel.

Area of application

General industry, power stations, flue gas purification plant, heating technology, ammonia plants, vacuum

Characteristics

Type: 433 Norm: EN (DIN)

Construction type: Angle pattern Housing material: Ductile cast iron

Surface protection: Standard manufacturers coating

Connection: Flange Flange finish: Raised face Stem seal type: Bellows Material disc: 1.4021+QT Spindle material: 1.4021

Primary spindle seal material: Graphite

Bellows material: 1.4571 Material bonnet: EN-JS1025

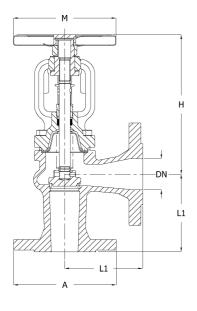
Characteristics (2)

Bonnet gasket material: Stainless steel/graphite

Actuator material: Steel

Minimum medium temperature (continuous): -10 °C Maximum medium temperature (continuous): 350 °C

Maximum pressure difference at 20 °C: 16 bar With position indicator: Yes



Size table:

| DN | Α | Н | L | М | Weight | |
|-------|-----|-----|-----|-----|--------|--|
| | mm | mm | mm | mm | kg | |
| DN15 | 95 | 181 | 90 | 125 | 3.2 | |
| DN20 | 105 | 178 | 95 | 125 | 3.7 | |
| DN25 | 115 | 192 | 100 | 125 | 4.9 | |
| DN32 | 140 | 188 | 105 | 125 | 6.5 | |
| DN40 | 150 | 205 | 115 | 150 | 8.8 | |
| DN50 | 165 | 211 | 125 | 150 | 9.7 | |
| DN65 | 185 | 242 | 145 | 175 | 13.8 | |
| DN80 | 200 | 251 | 155 | 200 | 18 | |
| DN100 | 220 | 307 | 175 | 250 | 31 | |
| DN125 | 250 | 337 | 200 | 300 | 44 | |

| Pressure temperature range | | | | | | | | |
|----------------------------|---------|------|------|------|------|------|-------|--|
| Pressure rating | -10/120 | 150 | 200 | 250 | 300 | 350 | [°C] | |
| PN16 | 16 | 15.5 | 14.7 | 13.9 | 12.8 | 11.2 | [bar] | |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

PR6513228841235949_EN_17.05.2024

Bellows sealed globe valves | Bellows Sealed Globe Valve flanged

| Material quality | Nominal inner diameter | Pressure rating | Face to Face norm | Face to Face length | Operation | Type of disc | Type of Sealing | Kv value | Article |
|---------------------|------------------------------|-----------------|----------------------|------------------------|--|--------------|-------------------------------|----------|----------|
| | | | | mm | | | | m³/h | |
| EN-JS1025 | DN15 | PN16 | EN 558, Series 8 | 90 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 7.2 | 13457120 |
| EN-JS1025 | DN20 | PN16 | EN 558, Series 8 | 95 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 9.2 | 13457121 |
| EN-JS1025 | DN25 | PN16 | EN 558, Series 8 | 100 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 16 | 13457122 |
| EN-JS1025 | DN32 | PN16 | EN 558, Series 8 | 105 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 22 | 13457123 |
| EN-JS1025 | DN40 | PN16 | EN 558, Series 8 | 115 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 37 | 13457124 |
| EN-JS1025 | DN50 | PN16 | EN 558, Series 8 | 125 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 51 | 13457125 |
| EN-JS1025 | DN65 | PN16 | EN 558, Series 8 | 145 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 98.5 | 13457126 |
| EN-JS1025 | DN80 | PN16 | EN 558, Series 8 | 155 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 143 | 13457127 |
| EN-JS1025 | DN100 | PN16 | EN 558, Series 8 | 175 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 226 | 13457128 |
| EN-JS1025 | DN125 | PN16 | EN 558, Series 8 | 200 | Hand wheel, non-rising with rising stem | Fixed disc | Bolted bonnet Stainless steel | 291 | 13457129 |

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.