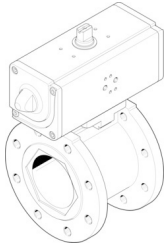


# Ball valve actuator unit

## VZBC-100-FF-16-22-F0710-V4V4T-PP240-R-90-C

FESTO

Part number: 1913374



 [General operating condition](#)

## Data sheet

| Feature                            | Value  |
|------------------------------------|--|
| Design                             | 2-way ball valve<br>Semi-rotary drive  |
| Type of actuation                  | Pneumatic  |
| Mounting position                  | optional   |
| Type of mounting                   | In-line installation   |
| Connection Process valve           | Ring housing with threaded flange  |
| Switching position indicator       | Slot direction = flow direction  |
| Nominal size DN                    | 100  |
| Operating pressure                 | 6 bar ... 8.4 bar  |
| Nominal pressure PN                | 16   |
| Symbol                             | 00991921   |
| Medium                             | Compressed air to ISO 8573-1:2010 [:-:-]<br>Inert gases<br>Water – no water vapour<br>Neutral fluids |
| Operating medium                   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required)           |
| Media temperature                  | -10 °C ... 200 °C  |
| Ambient temperature                | -10 °C ... 80 °C   |
| Flow rate Kv                       | 1414 m <sup>3</sup> /h   |
| Max. surface temperature assembly  | TX   |
| explosion group assembly           | IIC, IIIC  |
| Note on materials                  | RoHS-compliant   |
| LABS (PWIS) conformity             | VDMA24364 zone III   |
| Material housing                   | High-alloy stainless steel   |
| Material number housing            | 1.4408   |
| Material seals                     | PTFE<br>PTFE reinforced  |
| Material ball                      | High-alloy stainless steel   |
| Material number ball               | 1.4408   |
| Material shaft                     | High-alloy stainless steel   |
| Material number shaft              | 1.4401   |
| Product weight                     | 26000 g  |

| Feature                        | Value  |
|--------------------------------|--|
| Explosion protection           | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Explosion ambient temperature  | -10 °C ≤ Ta ≤ +60 °C   |
| Corrosion resistance class CRC | 3 - high corrosion stress  |