

# Ball valve actuator unit VZBC-65-FF-16-22-F07-V4V4T-PS180-R-90-4-C

Part number: 1915408

**FESTO**



 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                    | 65                                                                                                   |
| Operating pressure                 | 6 bar ... 8.4 bar                                                                                    |
| Nominal pressure PN                | 16                                                                                                   |
| Symbol                             | 00992011                                                                                             |
| 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                       | 507 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                     | 18900 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                                          |