

# Ball valve actuator unit VZBC-20-FF-40-22-F0304-V4V4T-PS30-R-90-4-C

Part number: 1915402

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                   |
|------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Structural design                        | 2-way ball valve<br>Quarter turn actuator                                                               |
| Actuation type                           | Pneumatic                                                                                               |
| Mounting position                        | Any                                                                                                     |
| Type of mounting                         | Line installation                                                                                       |
| Fitting connection                       | Ring housing with threaded flange                                                                       |
| Switching position indication            | Slot direction = flow direction                                                                         |
| Nominal width DN                         | 20                                                                                                      |
| Operating pressure                       | 6 bar ... 8.4 bar                                                                                       |
| Nominal pressure of fitting PN           | 40                                                                                                      |
| Symbol                                   | 00992011                                                                                                |
| Medium                                   | Compressed air as per ISO 8573-1:2010 [-:-:-]<br>Inert gas<br>Water – no water vapor<br>Neutral liquids |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                                                           |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)                                      |
| Temperature of medium                    | -10 °C ... 200 °C                                                                                       |
| Ambient temperature                      | -10 °C ... 80 °C                                                                                        |
| Flow rate Kv                             | 45.6 m³/h                                                                                               |
| Max. surface temperature of assembly     | TX                                                                                                      |
| Explosion group of assembly              | IIC, IIIC                                                                                               |
| Note on materials                        | RoHS-compliant                                                                                          |
| LABS (PWIS) conformity                   | VDMA24364 zone III                                                                                      |
| Housing material                         | High-alloy stainless steel                                                                              |
| Material number of housing               | 1.4408                                                                                                  |
| Seals material                           | PTFE<br>PTFE-reinforced                                                                                 |
| Ball material                            | High-alloy stainless steel                                                                              |
| Material number for ball                 | 1.4408                                                                                                  |
| Shaft material                           | High-alloy stainless steel                                                                              |
| Material number for shaft                | 1.4401                                                                                                  |
| Product weight                           | 4350 g                                                                                                  |

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