

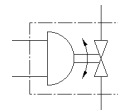
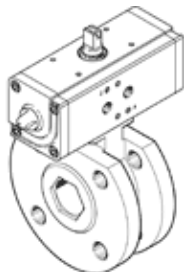
# ball valve actuator unit

## VZBC-65-FF-16-22-F07-V4V4T-PP180-R-90-C

Part number: 1913372

**FESTO**

Stainless steel with double-acting actuator DAPS 2/2-way, nominal width DN65, PN16, DIN 1092-1.



## Data sheet

| Feature                                 | Value                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Design structure                        | 2-way ball valve<br>Swivel drive                                                                                    |
| Type of actuation                       | pneumatic                                                                                                           |
| Assembly position                       | Any                                                                                                                 |
| Mounting type                           | Line installation                                                                                                   |
| Process valve connection                | Ring housing with screw connection                                                                                  |
| Switching position indicator            | Slot direction = flow direction                                                                                     |
| Nominal diameter DN                     | 65                                                                                                                  |
| Operating pressure                      | 6 ... 8.4 bar                                                                                                       |
| Nominal pressure of process valve       | 16                                                                                                                  |
| Medium                                  | Compressed air in accordance with ISO8573-1:2010 [-:~:]<br>Inert gases<br>Water (no water vapour)<br>Neutral fluids |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                                            |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)                                         |
| Medium temperature                      | -10 ... 200 °C                                                                                                      |
| Ambient temperature                     | -10 ... 80 °C                                                                                                       |
| Flow rate Kv                            | 507 m <sup>3</sup> /h                                                                                               |
| Max. surface temperature assembly       | TX                                                                                                                  |
| Explosion group assembly                | IIC, IIIC                                                                                                           |
| Materials note                          | Contains PWIS substances<br>Conforms to RoHS                                                                        |
| Material housing                        | High alloy steel, non-corrosive                                                                                     |
| Material number for housing             | 1.4408                                                                                                              |
| Material seals                          | PTFE<br>PTFE reinforced                                                                                             |
| Material ball                           | High alloy steel, non-corrosive                                                                                     |
| Material number for ball                | 1.4408                                                                                                              |
| Material shaft                          | High alloy steel, non-corrosive                                                                                     |
| Material number for shaft               | 1.4401                                                                                                              |
| Product weight                          | 14,300 g                                                                                                            |
| Explosion-proof ambient temperature     | -10°C ≤ Ta ≤ +60°C                                                                                                  |
| Corrosion resistance classification CRC | 3 - High corrosion stress                                                                                           |