

# Ball valve actuator unit VZBM-A-3/4"-RP-25-F-3T-B2-PB40 Part number: 8070277

FESTO



## Data sheet

| Feature                            | Value                                                                                                                                                                              |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design                             | 3-way ball valve<br>Semi-rotary drive                                                                                                                                              |
| Type of actuation                  | Pneumatic                                                                                                                                                                          |
| Mounting position                  | optional                                                                                                                                                                           |
| Type of mounting                   | In-line installation                                                                                                                                                               |
| Connection Process valve           | Rp3/4                                                                                                                                                                              |
| Switching position indicator       | Slot direction = flow direction                                                                                                                                                    |
| Nominal size DN                    | 20                                                                                                                                                                                 |
| Operating pressure                 | 5.5 bar...8 bar                                                                                                                                                                    |
| Nominal pressure PN                | 25                                                                                                                                                                                 |
| 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 | Dew point at least 10 °C below the ambient temperature and temperature of the medium<br>Lubricated operation possible (in which case lubricated operation will always be required) |
| Media temperature                  | -20 °C...130 °C                                                                                                                                                                    |
| Ambient temperature                | -20 °C...80 °C                                                                                                                                                                     |
| Flow rate Kv T hole angled         | 41 m³/h                                                                                                                                                                            |
| Note on materials                  | RoHS-compliant                                                                                                                                                                     |
| LABS (PWIS) conformity             | VDMA24364 zone III                                                                                                                                                                 |
| Material housing                   | Brass, nickel-plated                                                                                                                                                               |
| Material number housing            | CW617N                                                                                                                                                                             |
| Material seals                     | HNBR<br>PTFE                                                                                                                                                                       |
| Material ball                      | Brass, chrome-plated                                                                                                                                                               |
| Material number ball               | CW614N                                                                                                                                                                             |
| Material shaft                     | Brass                                                                                                                                                                              |
| Material number shaft              | CW614N                                                                                                                                                                             |
| Product weight                     | 2904 g                                                                                                                                                                             |

| Feature                        | Value                    |
|--------------------------------|--------------------------|
| Corrosion resistance class CRC | 1 - Low corrosion stress |