

# Ball valve actuator unit VZBM-A-2"-RP-25-D-2-B2-PB80

FESTO

Part number: 8070249



 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                       | Rp2  |
| Switching position indication            | Slot direction = flow direction  |
| Nominal width DN                         | 50   |
| Operating pressure                       | 5.5 bar ... 8 bar  |
| Nominal pressure of fitting PN           | 25   |
| 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 | Dew point min. 10 °C below the ambient temperature and temperature of medium<br>Operation with oil lubrication possible (required for further use) |
| Temperature of medium                    | -15 °C ... 90 °C   |
| Ambient temperature                      | -20 °C ... 80 °C   |
| Flow rate Kv                             | 243 m <sup>3</sup> /h  |
| Note on materials                        | RoHS-compliant   |
| LABS (PWIS) conformity                   | VDMA24364 zone III   |
| Housing material                         | Brass, nickel-plated   |
| Material number of housing               | CW617N   |
| Seals material                           | FPM<br>HNBR<br>PTFE  |
| Ball material                            | Brass, chrome-plated   |
| Material number for ball                 | CW614N   |
| Shaft material                           | Brass  |
| Material number for shaft                | CW614N   |
| Product weight                           | 5723 g   |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress   |