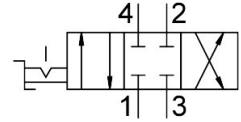


# Hand lever valve VHER-H-B43C-B-N14

Part number: 3520389

**FESTO**



General operating condition

## Data sheet

| Feature                                               | Value                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Valve function                                        | 4/3 closed                                                                                                                             |
| Type of actuation                                     | Manual                                                                                                                                 |
| Construction width                                    | 56 mm                                                                                                                                  |
| Standard nominal flow rate (standardised to DIN 1343) | 1500 l/min                                                                                                                             |
| pneumatic working port                                | NPT1/4-18                                                                                                                              |
| Operating pressure                                    | 0 bar ... 10 bar                                                                                                                       |
| Note on operating pressure                            | Vacuum operation at connection 3 only<br>In the case of dual-pressure operation, the pressure at port 1 must be higher than at port 3. |
| Design                                                | Rotary gate valve                                                                                                                      |
| Nominal size                                          | 8 mm                                                                                                                                   |
| Exhaust-air function                                  | With flow control option                                                                                                               |
| Instructions on use                                   | Actuate manually only                                                                                                                  |
| Sealing principle                                     | Hard                                                                                                                                   |
| Type of piloting                                      | Direct                                                                                                                                 |
| Flow direction                                        | Non-reversible                                                                                                                         |
| Symbol                                                | 00995942                                                                                                                               |
| Overlap                                               | yes                                                                                                                                    |
| Switching position indicator                          | With accessories                                                                                                                       |
| 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)                                             |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                                                                          |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                                                                      |
| Media temperature                                     | -20 °C ... 80 °C                                                                                                                       |
| Ambient temperature                                   | -20 °C ... 80 °C                                                                                                                       |
| Actuating torque                                      | 2 Nm                                                                                                                                   |
| Product weight                                        | 510 g                                                                                                                                  |
| Type of mounting                                      | Either:<br>Front panel mounting<br>With through-hole                                                                                   |
| Pneumatic connection, port 1                          | NPT1/4-18                                                                                                                              |
| Pneumatic connection, port 2                          | NPT1/4-18                                                                                                                              |
| Pneumatic connection, port 3                          | NPT1/4-18                                                                                                                              |
| Pneumatic connection, port 4                          | NPT1/4-18                                                                                                                              |
| Note on materials                                     | RoHS-compliant                                                                                                                         |
| Material seals                                        | NBR                                                                                                                                    |

| Feature          | Value              |
|------------------|--------------------|
| Material housing | Die-cast aluminium |
| Material lever   | Die-cast aluminium |