

# Piloted check valve HGL-1/2-B

Part number: 530033

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Piloted non-return function  |
| Pneumatic connection, port 1                              | G1/2   |
| Pneumatic connection, port 2                              | G1/2   |
| Pilot air port 21   | G3/8   |
| Type of actuation   | Pneumatic  |
| Type of mounting  | Screw-in<br>With male thread   |
| Operating pressure  | 0.05 MPa ... 1 MPa   |
| Operating pressure  | 0.5 bar ... 10 bar   |
| Pilot pressure  | 0.1 MPa ... 1 MPa  |
| Pilot pressure  | 1 bar ... 10 bar   |
| Pilot pressure  | 14.5 psi ... 145 psi   |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Maritime classification                                   | See certificate  |
| Mounting position   | Any  |
| Symbol  | 00991456   |
| Standard flow rate 1->2 (6-0)                             | 2100 l/min   |
| Standard nominal flow rate 1->2 (6-5)                     | 1600 l/min   |
| 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-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1   |
| Storage temperature                                       | -10 °C ... 60 °C   |
| Media temperature   | -10 °C ... 60 °C   |
| Pilot medium  | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Nominal torque  | 14 Nm  |
| Tolerance for nominal tightening torque                   | ±10%   |
| Product weight  | 129.4 g  |
| Note on materials   | RoHS compliant   |
| Material seals  | NBR  |
| Material hollow bolt                                      | Wrought aluminium alloy<br>anodised  |
| Material release ring                                     | POM  |
| Material non-return collar                                | NBR  |

| Feature                 | Value         |
|-------------------------|---------------|
| Material swivel fitting | Die-cast zinc |