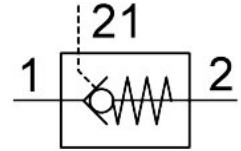


# Piloted check valve HGL-1/2-B

Part number: 530033

FESTO



 General operating condition

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## Data sheet

| Feature                                                   | Value                                                                                      |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                            | Piloted non-return function                                                                |
| Pneumatic connection, port 1                              | G1/2                                                                                       |
| Pneumatic connection, port 2                              | G1/2                                                                                       |
| Type of actuation                                         | Pneumatic                                                                                  |
| Pilot air port 21                                         | G3/8                                                                                       |
| 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                                                                             |

| Feature                    | Value                               |
|----------------------------|-------------------------------------|
| Material seals             | NBR                                 |
| Material hollow bolt       | Wrought aluminium alloy<br>anodised |
| Material release ring      | POM                                 |
| Material non-return collar | NBR                                 |
| Material swivel fitting    | Die-cast zinc                       |