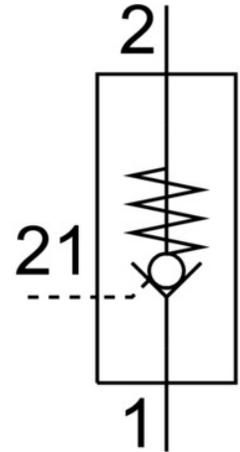


# Piloted non return valve HGL-1/4-B

Part number: 530031

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Type code                                | HGL  |
| Valve function                           | Unlockable non-return function                                     |
| Pneumatic connection 1                   | G1/4   |
| Pneumatic connection 2                   | G1/4   |
| Pilot air port 21                        | G1/8   |
| Actuation type                           | Pneumatic  |
| Type of mounting                         | Screw-in<br>With external thread                                   |
| Operating pressure                       | 0.05 MPa ... 1 MPa   |
| Operating pressure                       | 0.5 bar ... 10 bar   |
| Pilot pressure MPa                       | 0.2 MPa ... 1 MPa  |
| Pilot pressure                           | 2 bar ... 10 bar   |
| Pilot pressure psi                       | 29 psi ... 145 psi   |
| Ambient temperature                      | -10 °C ... 60 °C   |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Maritime classification                  | See certificate  |
| Mounting position                        | Any  |
| Symbol                                   | 00991456   |
| Standard flow rate 1->2 (6-0)            | 680 l/min  |
| Standard nominal flow rate 1->2 (6-5)    | 550 l/min  |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                      |
| LABS conformity                          | VDMA24364-B2-L   |
| Storage temperature                      | -10 °C ... 60 °C   |
| Temperature of medium                    | -10 °C ... 60 °C   |
| Pilot medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Nominal tightening torque                | 11 Nm  |
| Tolerance for nominal tightening torque  | ± 10%  |

| <b>Feature</b>             | <b>Value</b>                              |
|----------------------------|---|
| Product weight             | 41.2 g                                    |
| Note on materials          | Free of copper and PTFE<br>RoHS-compliant |
| Seals material             | NBR                                       |
| Hollow bolt material       | Wrought aluminum alloy<br>Anodized        |
| Releasing ring material    | POM                                       |
| Non-return collar material | NBR                                       |
| Swivel joint material      | Die-cast zinc                             |