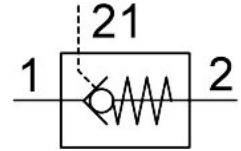


# Piloted non return valve HGL-3/8-QS-8

Part number: 530043

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | Unlockable check valve function                                    |
| Pneumatic connection 1                   | QS-8                                                               |
| Pneumatic connection 2                   | G3/8                                                               |
| Pilot air port 21                        | G1/4                                                               |
| 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                       | 0.1 MPa ... 1 MPa                                                  |
| Pilot pressure                           | 1 bar ... 10 bar                                                   |
| Pilot pressure psi                       | 14.5 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)            | 1200 l/min                                                         |
| Standard nominal flow rate 1->2 (6-5)    | 830 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 (PWIS) conformity                   | VDMA24364-B2-L                                                     |
| Cleanroom class                          | Class 4 according to ISO 14644-1                                   |
| 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                | 12.5 Nm                                                            |
| Tolerance for nominal tightening torque  | ± 10%                                                              |
| Product weight                           | 54.7 g                                                             |
| Note on materials                        | 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                                                      |