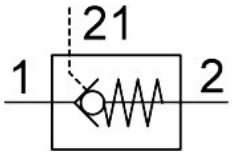
Piloted non return valve
HGL-1/4-B

Part number: 530031





General operating condition

Data sheet

Feature	Value
Valve function	Unlockable check valve function
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼
Pilot air port 21	G1/8
Actuation type	Pneumatic
Type of mounting	Screw-in 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 (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	11 Nm
Tolerance for nominal tightening torque	± 10%
Product weight	41.2 g
Note on materials	RoHS-compliant
Seals material	NBR
Hollow bolt material	Wrought aluminum alloy Anodized
Releasing ring material	POM
Non-return collar material	NBR
Swivel joint material	Die-cast zinc