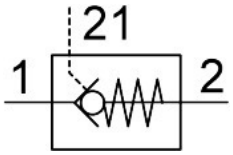
Piloted non return valve
HGL-1/2-QS-12

Part number: 530045





General operating condition

Data sheet

Feature	Value
Valve function	Unlockable check valve function
Pneumatic connection 1	QS-12
Pneumatic connection 2	G1/2
Pilot air port 21	G3/8
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	0.1 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)	2100 l/min
Standard nominal flow rate 1->2 (6-5)	1400 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	14 Nm
Tolerance for nominal tightening torque	± 10%
Product weight	116.9 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