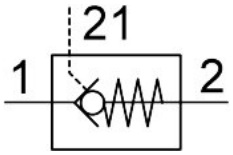
Piloted non return valve
HGL-1/2-QS-12

Part number: 530045





Data sheet

Feature	Value
Valve function	Unlockable check valve function
Pneumatic connection 1	QS-12
Pneumatic connection 2	G1/2
Actuation type	Pneumatic
Pilot air port 21	G3/8
Type of mounting	Screw-in With external thread
Operating pressure	0.05 MPa...1 MPa 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
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 suitability, measured according to ISO 14644-14	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

Feature	Value
Releasing ring material	POM
Non-return collar material	NBR
Swivel joint material	Die-cast zinc