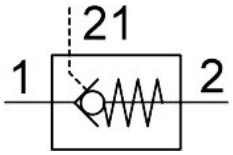
Piloted check valve
HGL-1/2-QS-12

Part number: 530045





Data sheet

Feature	Value
Valve function	Piloted non-return function
Pneumatic connection, port 1	QS-12
Pneumatic connection, port 2	G1/2
Type of actuation	Pneumatic
Pilot air port 21	G3/8
Type of mounting	Screw-in With male thread
Operating pressure	0.05 MPa...1 MPa 0.5 bar...10 bar
Pilot pressure	0.1 MPa...1 MPa 1 bar...10 bar 14.5 psi...145 psi
Ambient temperature	-10 °C...60 °C
Operating medium	Compressed air to 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
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
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
Media temperature	-10 °C...60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Nominal torque	14 Nm
Tolerance for nominal tightening torque	±10%
Product weight	116.9 g
Note on materials	RoHS compliant
Material seals	NBR
Material hollow bolt	Wrought aluminium alloy anodised

Feature	Value
Material release ring	POM
Material non-return collar	NBR
Material swivel fitting	Die-cast zinc