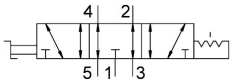
Hand lever valve
VHEF-H-B53E-N14

Part number: 8080949





Data sheet

Feature	Value
Valve function	5/3 exhausted
Actuation type	Manual
Width	20 mm
Normal nominal flow rate (normalized to DIN 1343)	750 l/min
Pneumatic working port	1/4 NPT
Operating pressure	-0.095 MPa...1 MPa -0.95 bar...10 bar
Structural design	Piston gate valve
Nominal width	7 mm
Exhaust air function	Adjustable
Application note	Only operate by hand
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting
Type of control	directly
Flow direction	Reversible
Lap	Positive overlap
Max. switching frequency	0.5 Hz
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Actuating torque	0.7 Nm
Unlocking torque	0.6 Nm
Max. force on actuator	200 N
Max. transverse load on actuator	200 N

Feature	Value
Product weight	298 g
Type of mounting	Alternatively: Front panel mounting With through-hole
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	1/4 NPT
Pneumatic connection 5	1/4 NPT
Note on materials	RoHS compliant
Cover material	PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized
Lever material	PA-reinforced