

# Hand lever valve VHEF-H-B53C-G18

Part number: 8080945

FESTO



[General operating condition](#)

## Data sheet

Feature	Value
Valve function	5/3 closed
Type of actuation	Manual
Construction width	20 mm
Standard nominal flow rate (standardised to DIN 1343)	700 l/min
pneumatic working port	G1/8
Operating pressure	-0.095 MPa ... 1 MPa
Operating pressure	-0.95 bar ... 10 bar
Design	Piston gate valve
Nominal size	5.2 mm
Exhaust-air function	With flow control option
Instructions on use	Actuate manually only
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting
Type of piloting	Direct
Flow direction	Reversible
Symbol	00995888
lap	Overlap
Max. switching frequency	0.5 Hz
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Actuating torque	0.7 Nm
Unlocking torque	0.6 Nm
Max. force on actuation	200 N
Max. lateral force on actuation	200 N
Product weight	265 g
Type of mounting	With through-hole
Pneumatic connection, port 1	G1/8

<b>Feature</b>	<b>Value</b>
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Note on materials	RoHS-compliant
Material cover	PA-reinforced
Material seals	NBR
Material housing	Anodised wrought aluminium alloy
Material lever	PA-reinforced