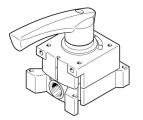
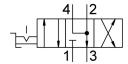
Hand lever valve VHER-H-B43E-N12 Part number: 3192087

FESTO





General operating condition

Data sheet

Actuation type Midth 95 mm Standard nominal flow rate Preumatic working port NPT1/2-14 Operating pressure Obar 10 bar Information on operating pressure Information on operating pressure Nominal width Schaust air function Application note Sealing principle Growth of ontrol Growth of ontrol Growth of ontrol Growth on operating pressure Nomeration at connection 1 must be higher than at connection 3. Application note Operate by hand only Sealing principle Hard Growth of ontrol	Feature	Value
Avidath 95 mm Standard nominal flow rate 3200 l/min Phenumatic working port NPT1/2-14 Operating pressure 0 bar 10 bar Operating pressure Vacuum operation at connection 3 only in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 4.0 mly in dual pressure mode, the pressure at connection 1 must be higher than at connection 3.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 mly in dual pressure mode, the pressure at connection 4.0 ml	Valve function	4/3, exhausted
Standard nominal flow rate Pneumatic working port Operating pressure Obar 10 bar Information on operating pressure Information on operating pressure Vacuum operation at connection 3 only In dual pressure mode, the pressure at connection 1 must be higher than at connection 3. Structural design Nominal width 12 mm Exhaust air function With flow control option Operate by hand only Sealing principle Hard Information on operating pressure Operate by hand only Sealing principle Operate by hand only Sealing principle Operate by hand only Sealing principle Operation Operate by hand only Sealing principle Operation Operate by hand only Sealing principle Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) Operation operation Operation on operation operation Operation on operation Operation on operation Operation with oil lubrication possible (required for further use) Operation tesistance class (CRC) Operation with oil lubrication possible (required for further use) Operation tesistance class (CRC) Operation with oil lubrication possible (required for further use) Operation tesistance class (CRC) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubricat	Actuation type	Manual
Preumatic working port Departing pressure O bar 10 bar Vacuum operatinal to connection 3 only Indual pressure mode, the pressure at connection 1 must be higher than at connection 3. Structural design Nominal width 12 mm Exhaust air function Application note Operate by hand only Sealing principle Hard Underlap Underlap Switching position indication Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation 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-B1/B2-L Temperature of medium 20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Preumatic connection 1 NPT1/2-14 Preumatic connection 2 Preumatic connection 3 Preumatic connection 4 NPT1/2-14 NOR on materials Seals material NBR	Width	95 mm
Operating pressure at connection 1 must be higher than at connection 3. Operate by hand only Operate by hand only Operate operating principle Operation principle Operating principle Operation principl	Standard nominal flow rate	3200 l/min
Nominal width No	Pneumatic working port	NPT1/2-14
In dual pressure mode, the pressure at connection 1 must be higher than at connection 3. Structural design Nominal width Exhaust air function With flow control option Application note Operate by hand only Sealing principle Hard Direct Flow direction Non-reversible Symbol O0995941 Underlap Switching position indication With accessories Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Femperature of medium 20 °C 80 °C Actuating torque Froduct weight 1010 g Product weight 1010 g Product weight NPT1/2-14 Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Note on materials Rolfs-compliant NBR	Operating pressure	0 bar 10 bar
Nominal width 12 mm Exhaust air function With flow control option Application note Operate by hand only Sealing principle Hard Flow direction Direct Flow direction Non-reversible Oo995941 Underlap yes Switching position indication with accessories Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Flemperature of medium -20 °C 80 °C Ambient temperature -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Preumatic connection 3 NPT1/2-14 Note on materials Seals material NBR	Information on operating pressure	In dual pressure mode, the pressure at connection 1 must be higher
Exhaust air function Application note Operate by hand only Sealing principle Hard Type of control Operate by hand only Sealing principle Hard Operate by hand only Sealing principle Hard Operate by hand only Sealing principle Hard Operation with oil lubrication possible (required for further use) Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting Vppe of mounting With through-hole Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Preumatic connection 3 NPT1/2-14 Note on materials Seals material NBR	Structural design	Rotary gate valve
Application note Operate by hand only Sealing principle Hard Type of control Direct Flow direction Non-reversible Symbol O0995941 Underlap Yes Switching position indication With accessories Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Temperature of medium 20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting Optionally: Front panel mounting With through-hole Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Preumatic connection 3 NPT1/2-14 Note on materials RoHS-compliant NBR	Nominal width	12 mm
Sealing principle Flow direction Non-reversible Symbol Underlap Ves Switching position indication Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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 Improved the medium 20°C 80°C Anhient temperature Actuating torque Froduct weight 1010 g Type of mounting Type of mounting Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Preumatic connection 3 NPT1/2-14 Note on materials RoHS-compliant NBR	Exhaust air function	With flow control option
Flow direction Non-reversible Symbol 00995941 Underlap yes Switching position indication with accessories Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Temperature of medium -20 °C 80 °C Ambient temperature -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials Seals material NBR	Application note	Operate by hand only
Flow direction Non-reversible Operating position indication Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Temperature of medium -20 °C 80 °C Antibient temperature -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting Type of mounting Pheumatic connection 1 NPT1/2-14 Pheumatic connection 2 NPT1/2-14 Pheumatic connection 3 NPT1/2-14 Pheumatic connection 4 NPT1/2-14 Note on materials ReHS-compliant NBR	Sealing principle	Hard
Dunderlap Ves Switching position indication With accessories Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Temperature of medium -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting Voptionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials Seals material NBR	Type of control	Direct
Underlap Ves Switching position indication Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -20 °C 80 °C Actuating torque Product weight 1010 g Type of mounting Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Note on materials RoHS-compliant Seals material	Flow direction	Non-reversible
Switching position indication Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) 2 - Moderate cornsoin stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -20 °C 80 °C Antibient temperature 5 Nm Product weight 1010 g Type of mounting Optionally: Front panel mounting With through-hole Preumatic connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 Preumatic connection 3 NPT1/2-14 Nete on materials Seals material NBR	Symbol	00995941
Compressed air as per ISO 8573-1:2010 [7:4:4] 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-B1/B2-L Temperature of medium -20 °C 80 °C Ambient temperature 5 Nm Product weight 1010 g Type of mounting Type of mounting Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials Seals material NBR	Underlap	yes
Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -20 °C 80 °C Actuating torque Froduct weight Type of mounting Preumatic connection 1 NPT1/2-14 Preumatic connection 2 Preumatic connection 4 NPT1/2-14 Note on materials Seals material Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress 3 - NM 2 - OC 80 °C 5 Nm 1010 g Optionally: Front panel mounting With through-hole Preumating connection 1 NPT1/2-14 Preumatic connection 2 NPT1/2-14 NPT1/2-14 NOTE on materials ROHS-compliant NBR	Switching position indication	with accessories
Corrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L Temperature of medium -20 °C 80 °C Antibient temperature 5 Nm Product weight 1010 g Type of mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Note on materials RoHS-compliant Seals material NBR	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
VDMA24364-B1/B2-L Temperature of medium -20 °C 80 °C Ambient temperature 5 Nm Product weight 1010 g Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant Seals material VDMA24364-B1/B2-L VDMA24364-B1/B2-L ODMA24364-B1/B2-L ODMA246-B1/B2-L	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Ambient temperature -20 °C 80 °C Actuating torque 5 Nm Product weight 1010 g Type of mounting Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Actuating torque 5 Nm Product weight 1010 g Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Temperature of medium	-20 °C 80 °C
Product weight Type of mounting Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Ambient temperature	-20 °C 80 °C
Type of mounting Optionally: Front panel mounting With through-hole Pneumatic connection 1 NPT1/2-14 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Actuating torque	5 Nm
Front panel mounting With through-hole Pneumatic connection 1 Pneumatic connection 2 NPT1/2-14 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Product weight	1010 g
Pneumatic connection 2 Pneumatic connection 3 Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Type of mounting	Front panel mounting
Pneumatic connection 3 NPT1/2-14 Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant Seals material NBR	Pneumatic connection 1	NPT1/2-14
Pneumatic connection 4 NPT1/2-14 Note on materials RoHS-compliant NBR	Pneumatic connection 2	NPT1/2-14
Note on materials RoHS-compliant Seals material NBR	Pneumatic connection 3	NPT1/2-14
Seals material NBR	Pneumatic connection 4	NPT1/2-14
	Note on materials	RoHS-compliant
Housing material Die-cast aluminum	Seals material	NBR
	Housing material	Die-cast aluminum

Feature	Value
Lever material	Die-cast aluminum