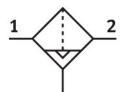
Fine filter MS6-LFM-1/2-BRV Part number: 530506

FESTO





General operating condition

Data sheet

Size 6 Design Fibre filter Grade of filtration 1 µm Grade of filtration 1 pm Grade of filtration 2 pm Grade of filtration 2 pm Grade of Grade operating pressure 0 poperating pressure 0 poperating pressure 2 par 12 par Grade operating pressure 2 ps i 174 psi Grade operating pressure 2 psi 174 psi Grade operating medium 1 pm Grade of Grade operating medium 2 pm Grade of Grade operating medium 2 pm Grade operating medium 2 pm Grade of Grade operating medium 2 pm Grade of Grade operating medium 2 pm Grade of Grade operating operating medium 2 pm Grade of Grade operating operating medium 2 pm Grade of Grade operating operating operating medium 2 pm Grade operating operating operating operating medium 2 pm Grade operating oper	Feature	Value
Design Fibre filter Grade of filtration 1 μm Grade of filtration 1 μm Fully automatic Manual, non-detenting Symbol 00991520 Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Operating pressure 29 psi 174 psi Operating medium Compressed air to 150 8573-1:2010 [6::4] Inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] Inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] Inert gases Air purity class at output Sep 50 1/min Min. standard flow rate for clean air class 950 1/min Min. standard flow rate for clean air class 140 1/min Filter efficiency 99.99 % Max. condensate volume 33 B ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2-Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature 1.0 °C 60 °C Ambient temperature 1.0 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 1.0 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Figure of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 61/2 Pneumatic connection, port 2 61/2 Material housing Die-cast aluminium Material housing Material housing Material housing Material housing	Series	MS
Grade of filtration 1 µm Condensate drain Fully automatic Manual, non-detenting Symbol 00991520 Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 2 bar 12 bar Operating medium Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity class at output Compressed air to 150 8573-1:2010 [6::4] inert gases Air purity clas	Size	6
Fully automatic Manual, non-detenting Symbol 00991520 00991520 Operating pressure 0.2 bar 1.2 MPa Operating pressure 2 bar 12 bar Operating pressure 29 psi 174 psi Operating medium 1 compressed air to ISO 8573-1:2010 [6:-4] Intert gases Air purity class at output Compressed air to ISO 8573-1:2010 [6:-4] Intert gases Air purity class at output Compressed air to ISO 8573-1:2010 [5:-3] Max. standard flow rate for clean air class 950 l/min Min. standard flow rate for clean air class 140 l/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2-Moderate corrosion stress VVMA24364-B1/B2-L Setuitable for use with food See supplementary material information Media temperature 1.0 °C 60 °C Storage temperature 1.0 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, fine particles 90 % Mounting position Vertical +/-5° Preumatic connection, port 1 61/2 Pheumatic connection, port 2 61/2 Material howl PC Material bowl PC Material bowl PC	Design	Fibre filter
Manual, non-detenting Symbol Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating medium Compressed air to ISO 8573-1:2010 [6:-4] Inert gases Air purity class at output Compressed air to ISO 8573-1:2010 [5:-4] Inert gases Air purity class at output Max. standard flow rate for clean air class 950 I/min Min. standard flow rate for clean air class 140 I/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-81/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol yo % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol yo % Pheumatic connection, port 1 Pheumatic connection, port 2 Material howing Material filter Material bowl Material bowl	Grade of filtration	1 μm
Symbol 00991520 Operating pressure 0.2 MPa 1.2 MPa Operating pressure 2 bar 12 bar Operating pressure 2 ps i 174 psi Operating medium Compressed air to ISO 8573-1;2010 [6:::4] Inert gases Air purity class at output Compressed air to ISO 8573-1;2010 [6:::4] Max. standard flow rate for clean air class 950 l/min Min. standard flow rate for clean air class 140 l/min Silter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2- Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Free mantic connection, port 2 G1/2 Material bowl PC Material bowl PC	Condensate drain	
Operating pressure 2 bar 12 bar Operating pressure 29 psi 174 psi Operating medium Compressed air to ISO 8573-1:2010 [6::4] Inert gases Air purity class at output Compressed air to ISO 8573-1:2010:[5::3] Max. standard flow rate for clean air class 950 I/min Min. standard flow rate for clean air class 140 I/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowling guard Plastic bowl guard Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 G1/2 Material filter Borosilicate fibre Material bowl PC	Symbol	-
Operating pressure 29 psi 174 psi Operating medium Compressed air to ISO 8573-1:2010 [6:-:4] Inert gases Air purity class at output Compressed air to ISO 8573-1:2010:[5:-:3] Max. standard flow rate for clean air class 950 l/min Min. standard flow rate for clean air class 140 l/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Operating pressure	0.2 MPa 1.2 MPa
Compressed air to ISO 8573-1:2010 [6:-:4] Inert gases Air purity class at output Compressed air to ISO 8573-1:2010 [5:-:3] Max. standard flow rate for clean air class 950 I /min Min. standard flow rate for clean air class 140 I /min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content Filter efficiency, oil aerosol 90 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 2 Material housing Material filter Borosilicate fibre Material bowl	Operating pressure	2 bar 12 bar
Inert gases Air purity class at output Compressed air to ISO 8573-1:2010:[5:-:3] Max. standard flow rate for clean air class 950 l/min Min. standard flow rate for clean air class 140 l/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Material filter Material bowl Max. standard flow state for clean air class 950 l/min 140 l/min 150 l/2 Material bowl Min accessories Mounting Material filter Material bowl	Operating pressure	29 psi 174 psi
Max. standard flow rate for clean air class Min. standard flow rate for clean air class 140 l/min Filter efficiency 99.99 % Max. condensate volume 38 ml Bowl guard Plastic bowl guard Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Fype of mounting Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Material housing Media temperature Filter Borosilicate fibre Material bowl	Operating medium	
Min. standard flow rate for clean air class 140 l/min	Air purity class at output	Compressed air to ISO 8573-1:2010:[5:-:3]
Filter efficiency Max. condensate volume Bowl guard Plastic bowl guard Plastic bowl guard Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Material filter Material filter Material bowl	Max. standard flow rate for clean air class	950 l/min
Max. condensate volume Bowl guard Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Material filter Material bowl PC Material bowl	Min. standard flow rate for clean air class	140 l/min
Bowl guard Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Preumatic connection, port 1 G1/2 Pheumatic connection, port 2 Material housing Material filter Material filter Material bowl Plastic bowl guard 2 - Moderate corrosion stress VDMA24364-B1/B2-L See supplementary material information See supplementary material information -10 °C 60 °C -10 °C 60 °	Filter efficiency	99.99%
Corrosion resistance class CRC LABS (PWIS) conformity VDMA24364-B1/B2-L Suitable for use with food See supplementary material information Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 Pneumatic connection, port 2 Material housing Material filter Material filter Material bowl PC Material bowl PMA24364-B1/B2-L 2 - Moderate corrosion stress VDMA24364-B1/B2-L See supplementary material information See supplementary material information -10 °C 60 °C -10 °C	Max. condensate volume	38 ml
LABS (PWIS) conformity Suitable for use with food Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 Pneumatic connection, port 2 Material housing Material filter Material filter Material bowl PC Material bowl Die-cast aluminium Material bowl MED C 60 °C -10 °C 60 °C	Bowl guard	Plastic bowl guard
Suitable for use with food Media temperature -10 °C 60 °C Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 70 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 70 °C 60 °C Filter efficiency, oil aerosol 90 % Type of mounting With accessories Wounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 G1/2 Material housing Material filter Borosilicate fibre Material bowl	Corrosion resistance class CRC	2 - Moderate corrosion stress
Media temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 G1/2 Material housing Material filter Material bowl PC	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature -10 °C 60 °C Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 709 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Material bowl PC	Suitable for use with food	See supplementary material information
Storage temperature -10 °C 60 °C Filter efficiency, fine particles 99 % Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 90 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 G1/2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Media temperature	-10 °C 60 °C
Filter efficiency, fine particles Residual oil content 0.5 mg/m³ Filter efficiency, oil aerosol 7ype of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Material bowl PC	Ambient temperature	-10 °C 60 °C
Residual oil content O.5 mg/m³ Filter efficiency, oil aerosol 90 % Type of mounting With accessories Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 G1/2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Storage temperature	-10 °C 60 °C
Filter efficiency, oil aerosol 790 % Type of mounting With accessories Wounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Filter efficiency, fine particles	99 %
Type of mounting Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Material bowl Material bowl With accessories Wertical +/-5° G1/2 G1/2 Pneumatic connection, port 2 G1/2 Material filter Borosilicate fibre Material bowl	Residual oil content	0.5 mg/m ³
Mounting position Vertical +/-5° Pneumatic connection, port 1 G1/2 Pneumatic connection, port 2 Material housing Material filter Material bowl PC	Filter efficiency, oil aerosol	90 %
Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Type of mounting	With accessories
Pneumatic connection, port 2 Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Mounting position	Vertical +/-5°
Material housing Die-cast aluminium Material filter Borosilicate fibre Material bowl PC	Pneumatic connection, port 1	G1/2
Material filter Borosilicate fibre Material bowl PC	Pneumatic connection, port 2	G1/2
Material bowl PC	Material housing	Die-cast aluminium
	Material filter	Borosilicate fibre
Material seals NBR	Material bowl	PC
	Material seals	NBR

Feature	Value
Note on materials	RoHS-compliant
Product weight	600 g