

# SFEX series

Flow rate up to 100 l/min

**ELIXIR**<sup>®</sup>



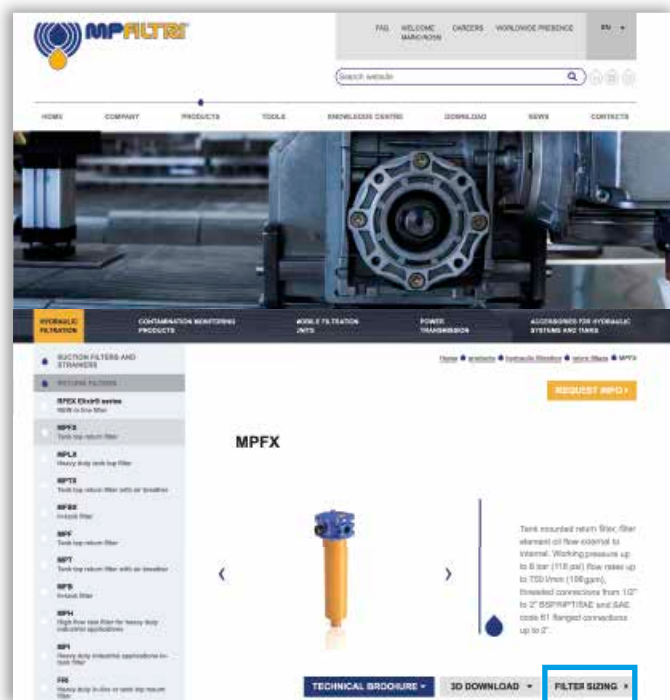
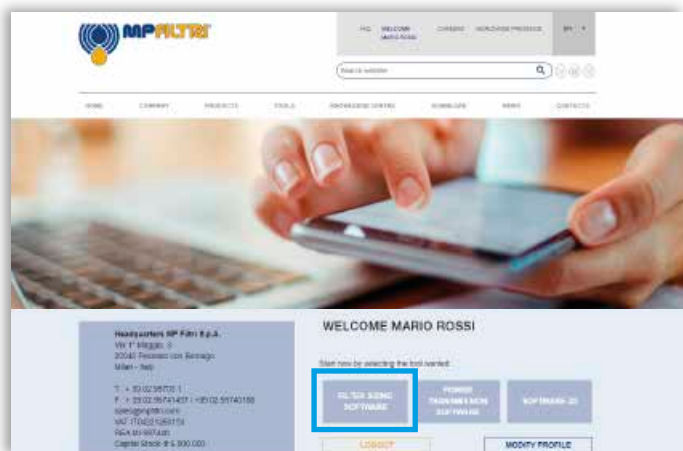
# TYPICAL FILTER SIZING Selection Software

## Step ①

Select "FILTER SIZING SOFTWARE" after login

OR

Select "FILTER SIZING" after login from a product page



Choose the type of filter family.  
Enter the main data for sizing the filter  
then push CALCULATE.

## Step ②

Enter the main data for sizing the filter  
then push CALCULATE.

PRODUCT SELECTION POWER TRANSMISSION SOFTWARE FILTER SIZING SOFTWARE

SUCTION LOW & MEDIUM PRESSURE HIGH PRESSURE  
RETURN/SUCTION RETURN STAINLESS STEEL HIGH PRESSURE

Working Pressure (bar) \* 5 Flow rate (l/min) \* 90 DP max of the project (bar) \* 0.5 Fluid Working Temperature (°C) \* 40

Fluid \* HLP - Mineral oils Fluid type \* ISO VG 46 (SUS 216) Viscosity (cst) \* 46 Viscosity (SUS) \* 216

Filtration \* A20 - 20 µm absolute inorganic microfibre Connection Type \* G 1"

CALCULATE

PRODUCT SELECTION POWER TRANSMISSION SOFTWARE FILTER SIZING SOFTWARE

SUCTION LOW & MEDIUM PRESSURE HIGH PRESSURE  
RETURN/SUCTION RETURN STAINLESS STEEL HIGH PRESSURE

Product: MPFX Working Pressure (bar) \* 5 Flow rate (l/min) \* 90 DP max of the project (bar) \* 0.5 Fluid Working Temperature (°C) \* 40

Fluid \* HLP - Mineral oils Fluid type \* ISO VG 46 (SUS 216) Viscosity (cst) \* 46 Viscosity (SUS) \* 216

Filtration \* A20 - 20 µm absolute inorganic microfibre Connection Type \* G 1"

CALCULATE

## Step ③

Select the desired options to choose the appropriate filter type for the application.

Working Pressure 8 (bar) Fluid HLP  
Flow rate 90 (l/min) Fluid type ISO VG 46 (SUS 216)  
DP max of the project 0.5 (bar) Seal A - NBR  
Working Temperature 40 (°C) Optional seals V - FPM  
Filtration 25 µm absolute inorganic microfibre Working Temperature with options -20 + 110 (°C)  
Connection Type G 1" Viscosity 46 (cst) - 216 (SUS)

NEW SEARCH

Filter type MPFX: Tank top mounting - (Pmax) 1 Valve B: 1.75 bar System Seal A: NBR X-RESET

Option1 Single or duplex DIN Standard NOT APPLICABLE Indicator Visual

CSV Excel Show 10 entries Search:

Image	Code	Press bar	Qmax l/min	Qmax gpm	DP bar	Housing DP psi	Element DP bar	Element DP psi	Connection	Seal	Link	
	MPFX-100-3-A-G3-A25-H-BP51	8	116	30.74	25.3	0.47	7	0.12	2	0.35	5	G 1"
	MPFX-100-3-A-G3-A25-H-BP21	8	116	30.74	25.3	0.47	7	0.12	2	0.35	5	G 1"

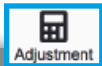
## Step 4

Choose the most suitable filter from the proposed list.

Image	Code	Pmax bar	Pmin psi	Qmax l/min	Qmin us	AP bar	Housing AP psi	Element AP bar	Connection	Seal	Link			
	MPTX-100-5-A-Q3-A25-H-BPFI	8	116	25.74	25.3	0.47	7	0.12	2	0.35	5	G 1"	A	
	MPTX-104-5-A-Q3-A25-H-BPFI	8	116	25.74	25.3	0.47	7	0.12	2	0.35	5	G 1"	A	

## Step 5

It is possible to change the filter modifying every parameter.



### A SAVE YOUR FILTER'S REPORT



### B MANUAL EDIT



SAVE IN YOUR ARCHIVE  
typing your reference data and then SAVE AS PDF

A new  
browser window  
displays the pdf

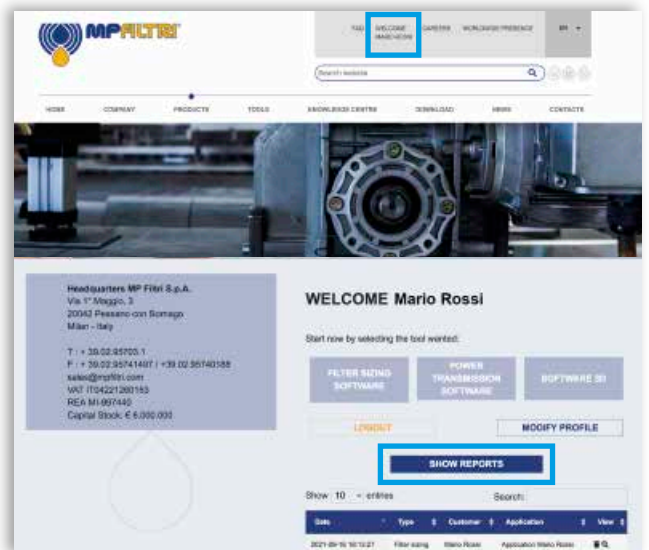
see **A**



Close the report window



By clicking your WELCOME button,  
the SHOW REPORTS is displayed: select it to see your filters list.





THE **X** CONCEPT FOR OUR FILTERS

Protect the performance of your system with MYclean.

Quality and efficiency are fundamental for MP Filtri:

this exclusive new filter element possesses polygon shape geometry and specific seal that ensures only original spare parts can be used - ensuring correct operation and higher system reliability.

SFEX series

with **MYCLEAN** FEX Filter Element



- ◆ **Protects the machine from improper use of non-original products.**
- ◆ **Safety of constant quality protection & reliability**

With exclusive filter element you are sure that only MP Filtri filter elements can be used, ensuring the best cleaning level of the oil due to the use of originals filter elements.



The products identified as SFEX are protected by:

- ◆ Italian Patent n° 102014902261205
- ◆ Canadian Patent n° 2,937,258
- ◆ European Patent n° 16181725.9
- ◆ US Patent n° 15/224,337



## Description

## Technical data

### Suction filters

#### Flow rate up to 100 l/min

SFEX are range of suction filters for protection of the downstream pump against the coarse contamination.

They are placed below the minimum oil level, directly connected to the suction line of the pump in-line mounted.

#### Available features:

- Female threaded connections up to 1 1/4" and flanged connections up to 1 5/8", for a maximum flow rate of 100 l/min
- Bypass valve, to relieve excessive pressure drop across the filter media
- Visual, electrical, axial and radial vacuum gauges
- MYclean interface connection for the filter element, to protect the product against non-original spare parts
- External protective wrap, to optimize the flow through the element and to save the element efficiency against non-proper handling

#### Common application:

- Mobile machines
- Industrial equipment

### Filter housing materials

- Head: Aluminium
- Bypass valve: Polyamide - Steel
- Bowl: Polyamide

### Bypass valve

Opening pressure 30 kPa (0.3 bar)  $\pm 10\%$

### Elements

Fluid flow through the filter element from OUT to IN

### Seals

Standard NBR series A

### Temperature

From -25 °C to +110 °C

### Note

SFEX filters are provided for vertical mounting

## Weights [kg] and volumes [dm³]

Filter series	Weights [kg]	Volumes [dm³]
<b>SFEX 060</b>	1.00	0.60
<b>SFEX 080</b>	1.15	0.80
<b>SFEX 110</b>	1.90	1.60
<b>SFEX 160</b>	2.10	2.00

## Hydraulic symbols

Filter series	Style S	Style B
<b>SFEX 060</b>	•	•
<b>SFEX 080</b>	•	•
<b>SFEX 110</b>	•	•
<b>SFEX 160</b>	•	•

### Filter element design - N Series

Filter series	M60	M90	M250	P10	P25
<b>SFEX 060</b>	26	27	27	14	17
<b>SFEX 080</b>	28	29	29	21	23

Connections of filter under test G 3/4"

Filter series	M60	M90	M250	P10	P25
<b>SFEX 060</b>	31	33	33	13	20
<b>SFEX 080</b>	34	35	35	24	30

Connections of filter under test G 1"

Filter series	M60	M90	M250	P10	P25
<b>SFEX 110</b>	93	96	96	48	53
<b>SFEX 160</b>	98	99	99	60	65

Connections of filter under test G 1 1/4"

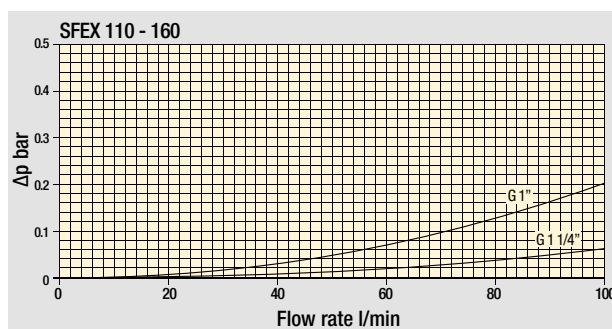
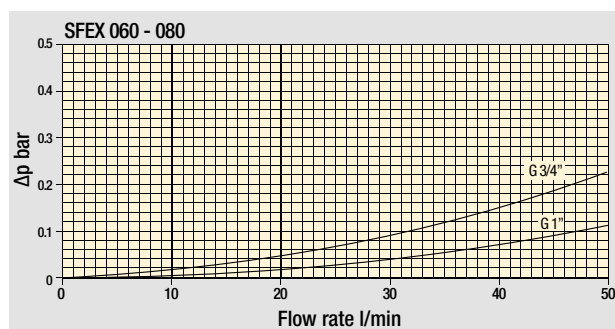
### Maximum flow rate for a complete suction filter with a pressure drop $\Delta p = 0.08$ bar.

The reference fluid has a kinematic viscosity of 30 mm<sup>2</sup>/s (cSt) and a density of 0.86 kg/dm<sup>3</sup>.

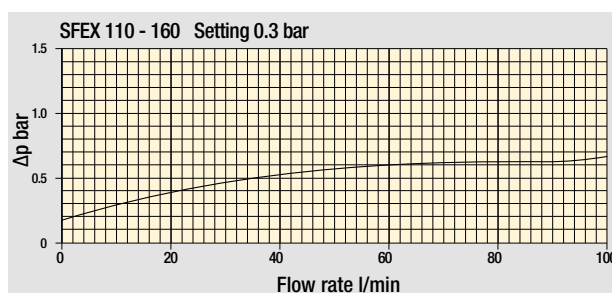
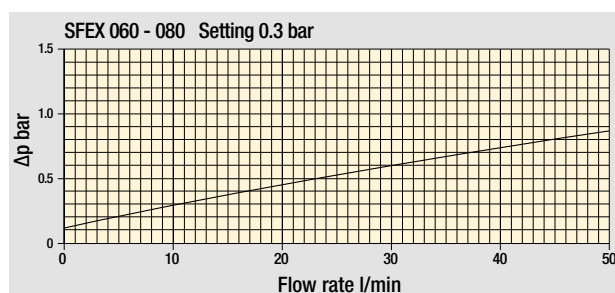
For different pressure drop or fluid viscosity we recommend to use our selection software available on [www.mpfiltri.com](http://www.mpfiltri.com).

Please, contact our Sales Department for further additional information.

### Pressure drop



Filter housings  
 $\Delta p$  pressure drop



Bypass valve  
pressure drop

The curves are plotted using mineral oil with density of 0.86 kg/dm<sup>3</sup> in compliance with ISO 3968.

$\Delta p$  varies proportionally with density.

# SFEX SFEX060 - SFEX080

## Designation & Ordering code

### COMPLETE FILTER

#### Series and size

Configuration example: **SFEX060**

**SFEX060** | **SFEX080** Filter featuring  Filter Element

#### Bypass valve

- S** Without bypass
- B** With bypass 0.3 bar

#### Seals and treatments

- A** NBR

#### Connections

- A** G 3/4"
- B** G 1"
- C** 3/4" NPT
- D** 1" NPT
- E** SAE 12 - 1 1/16" - 12 UN
- F** SAE 16 - 1 5/16" - 12 UN

#### Connection for clogging indicator

- 6** With plugged connections

#### Filtration rating

- |                       |        |                                    |       |
|-----------------------|--------|------------------------------------|-------|
| <b>M60</b> Wire mesh  | 60 µm  | <b>P10</b> Resin impregnated paper | 10 µm |
| <b>M90</b> Wire mesh  | 90 µm  | <b>P25</b> Resin impregnated paper | 25 µm |
| <b>M250</b> Wire mesh | 250 µm |                                    |       |

#### Element Δp

- N** 8 bar

#### Execution

- P01** MP Filtri standard
- Pxx** Customized

### FILTER ELEMENT

#### Element series and size

Configuration example: **FEX060**

**FEX060** | **FEX080** Filter Element with  feature

#### Filtration rating

- |                       |        |                                    |       |
|-----------------------|--------|------------------------------------|-------|
| <b>M60</b> Wire mesh  | 60 µm  | <b>P10</b> Resin impregnated paper | 10 µm |
| <b>M90</b> Wire mesh  | 90 µm  | <b>P25</b> Resin impregnated paper | 25 µm |
| <b>M250</b> Wire mesh | 250 µm |                                    |       |

#### Seals and treatments

- A** NBR

#### Element Δp

- N** 8 bar

#### Execution

- P01** MP Filtri standard
- Pxx** Customized

### CLOGGING INDICATORS

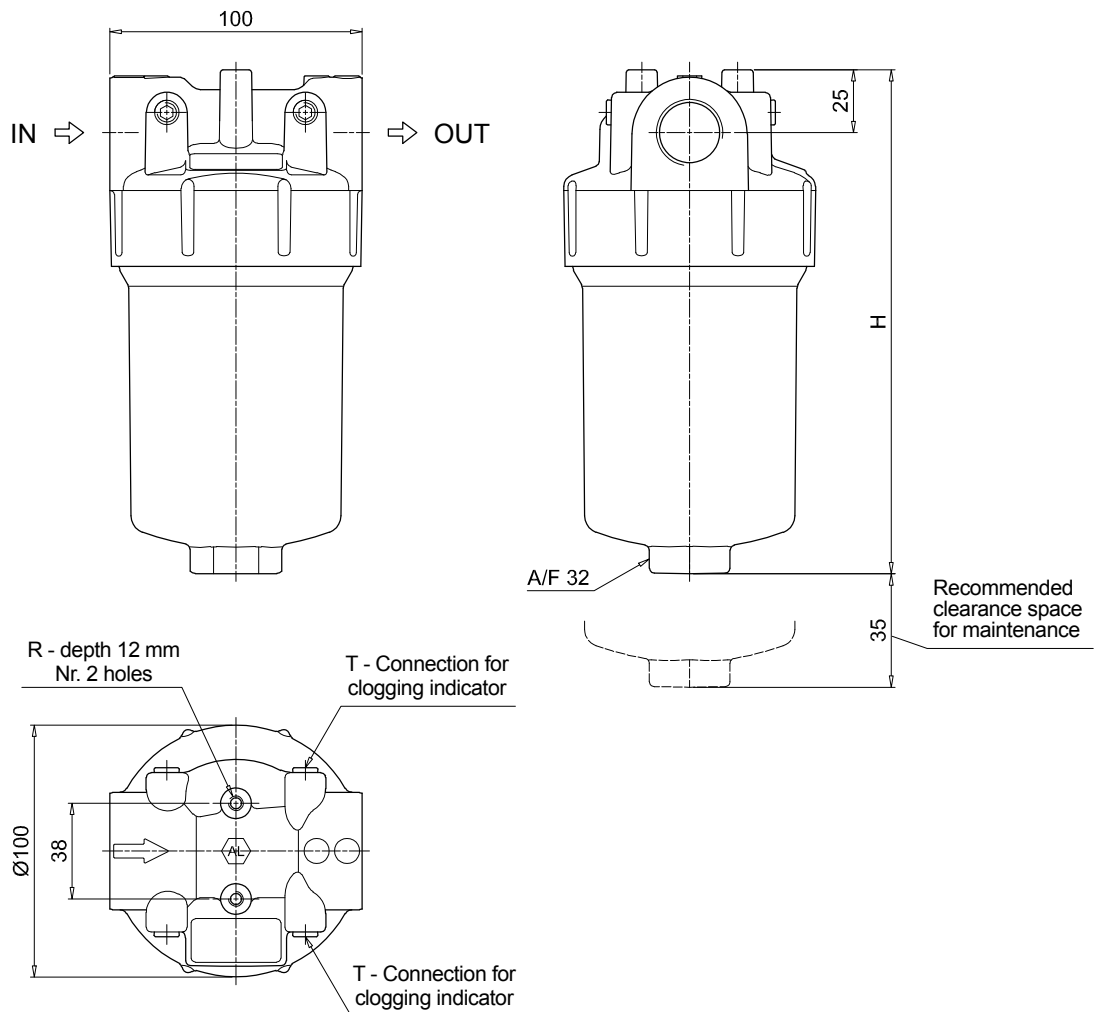
See page 66

- VEB** Electrical vacuum indicator
- VLB** Electrical/visual vacuum indicator
- VVB** Axial pressure gauge
- VVS** Radial pressure gauge



Filter size	H [mm]
<b>060</b>	202
<b>080</b>	265

Connections	T	R
<b>A</b>	G 1/8"	M6
<b>B</b>	G 1/8"	M6
<b>C</b>	1/8" NPT	1/4" UNC
<b>D</b>	1/8" NPT	1/4" UNC
<b>E</b>	1/8" NPT	1/4" UNC
<b>F</b>	1/8" NPT	1/4" UNC



# SFEX SFEX110 - SFEX160

## Designation & Ordering code

### COMPLETE FILTER

<b>Series and size</b>	Configuration example: <b>SFEX110</b>							<b>B</b>	<b>A</b>	<b>A</b>	<b>6</b>	<b>M60</b>	<b>N</b>	<b>P01</b>
<b>SFEX110   SFEX160</b> Filter featuring <b>MY CLEAN</b> Filter Element														
<b>Bypass valve</b>														
<b>S</b>	Without bypass													
<b>B</b>	With bypass 0.3 bar													
<b>Seals and treatments</b>														
<b>A</b>	NBR													
<b>Connections</b>														
<b>A</b>	G 1"													
<b>B</b>	G 1 1/4"													
<b>C</b>	1" NPT													
<b>D</b>	1 1/4" NPT													
<b>E</b>	SAE 16 - 1 5/16" - 12 UN													
<b>F</b>	SAE 20 - 1 5/8" - 12 UN													
<b>Connection for clogging indicator</b>														
<b>6</b>	With plugged connections													
<b>Filtration rating</b>														
<b>M60</b>	Wire mesh	60 µm	<b>P10</b>	Resin impregnated paper 10 µm										
<b>M90</b>	Wire mesh	90 µm	<b>P25</b>	Resin impregnated paper 25 µm										
<b>M250</b>	Wire mesh	250 µm												
<b>Element Δp</b>														
<b>N</b> 8 bar														
<b>Execution</b>														
<b>P01</b> MP Filtri standard														
<b>Pxx</b> Customized														

### FILTER ELEMENT

<b>Element series and size</b>	Configuration example: <b>FEX110</b>					<b>M60</b>	<b>A</b>	<b>N</b>	<b>P01</b>
<b>FEX110   FEX160</b> Filter Element with <b>MY CLEAN</b> feature									
<b>Filtration rating</b>									
<b>M60</b>	Wire mesh	60 µm	<b>P10</b>	Resin impregnated paper 10 µm					
<b>M90</b>	Wire mesh	90 µm	<b>P25</b>	Resin impregnated paper 25 µm					
<b>M250</b>	Wire mesh	250 µm							
<b>Seals and treatments</b>									
<b>A</b>	NBR								
<b>Element Δp</b>									
<b>N</b> 8 bar									
<b>Execution</b>									
<b>P01</b> MP Filtri standard									
<b>Pxx</b> Customized									

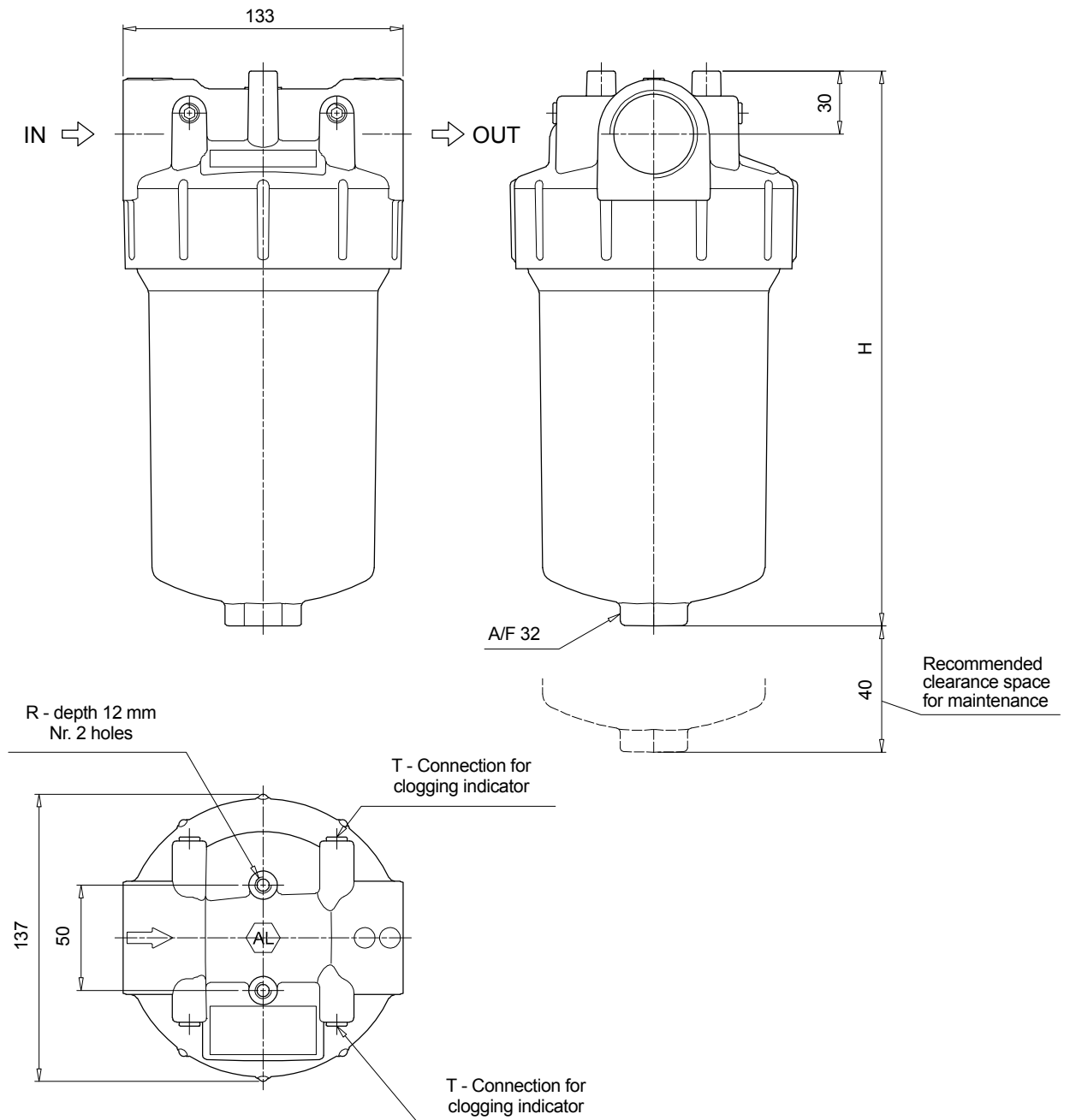
### CLOGGING INDICATORS

See page 66

<b>VEB</b>	Electrical vacuum indicator
<b>VLB</b>	Electrical/visual vacuum indicator
<b>VVB</b>	Axial pressure gauge
<b>VVS</b>	Radial pressure gauge

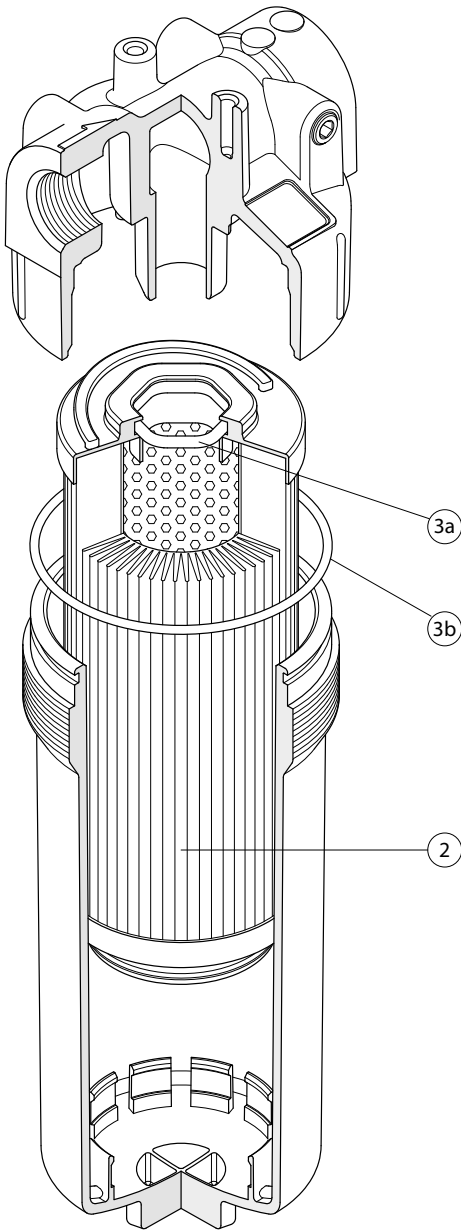
Filter size	H [mm]
<b>110</b>	266
<b>160</b>	315

Connections	T	R
<b>A</b>	G 1/8"	M8
<b>B</b>	G 1/8"	M8
<b>C</b>	1/8" NPT	5/16" UNC
<b>D</b>	1/8" NPT	5/16" UNC
<b>E</b>	1/8" NPT	5/16" UNC
<b>F</b>	1/8" NPT	5/16" UNC



# SFEX SPARE PARTS

Order number for spare parts



Q.ty: 1 pc.		Q.ty: 1 pc.
Item:	2	3 (3a ÷ 3b)
Filter series	Filter element	Seal Kit code number NBR
SFEX 060-080	See order table	02050771
SFEX 110-160		02050772



# Clogging indicators

## Introduction

Filter elements are efficient only if their Dirt Holding Capacity is fully exploited. This is achieved by using filter housings equipped with clogging indicators.

These devices trip when the clogging of the filter element causes an increase in pressure drop across the filter element.

The indicator is set to alarm before the element becomes fully clogged.

MP Filtri can supply indicators of the following designs:

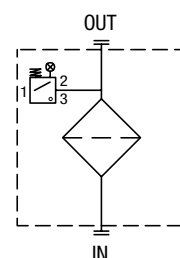
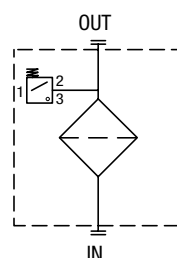
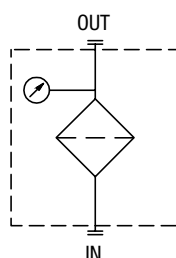
- Vacuum switches and gauges
- Pressure switches and gauges
- Differential pressure indicators

These type of devices can be provided with a visual, electrical or both signals.

## Suitable indicator types

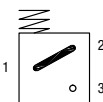
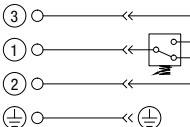
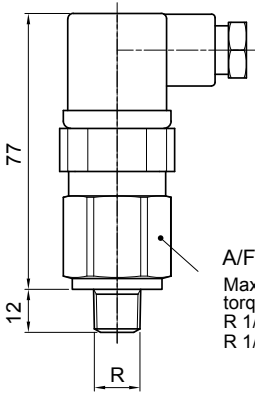

### VACUUM INDICATORS

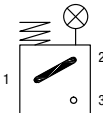
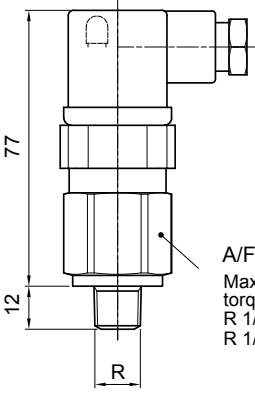
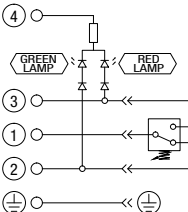
Vacuum indicators are used on the Suction line to check the efficiency of the filter element. They measure the pressure downstream of the filter element. Standard items are produced with R 1/4" EN 10226 connection.

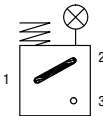
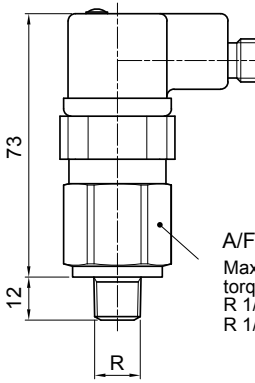
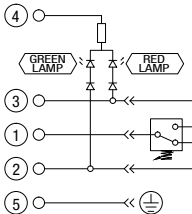


## Quick reference guide

Filter family		Visual indicators	Electrical indicators	Electrical / Visual indicators
SUCTION FILTERS	<p><b>ELIXIR®</b> SFEX060-080-110-160</p>	<p>WB16P01 VVS16P01</p>	<p>VEB21AA50P01</p>	<p>VLB21AA51P01 VLB21AA52P01 VLB21AA53P01 VLB21AA71P01</p>
	<p>With bypass valve 0.3 bar</p>			
	<p>SF2 250 - 350 SF2 500 - 501 - 503 - 504 - 505 SF2 510 - 535 - 540</p>	<p>VVA16P01 VVR16P01</p>	<p>VEA21AA50P01</p>	<p>VLA21AA51P01 VLA21AA52P01 VLA21AA53P01 VLA21AA71P01</p>

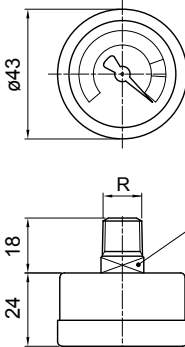
VE*50		Hydraulic symbol	Materials
Electrical Vacuum Indicator			- Body: Brass - Base: Black polyamide - Contacts: Silver - Seal: NBR
R	Ordering code	Electrical symbol	Technical data
EN 10226 - R1/4"	VE A 21 A A 50 P01		- Vacuum setting: -0.21 bar ±10% - Max working pressure: 10 bar - Proof pressure: 15 bar - Working temperature: From -25 °C to +80 °C - Compatibility with fluids: Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943 - Degree of protection: IP65 according to EN 60529
EN 10226 - R1/8"	VE B 21 A A 50 P01		Electrical data
 <p>A/F 27 Max tightening torque: R 1/4: <b>25 N·m</b> R 1/8: <b>6.5 N·m</b></p>			- Electrical connection: EN 175301-803 - Resistive load: 5 A / 14 Vdc 4 A / 30 Vdc 5 A / 125 Vac 4 A / 250 Vac  - Available Atex product: II 1GD Ex ia IIC Tx Ex ia IIIC Tx °C X - CE certification 


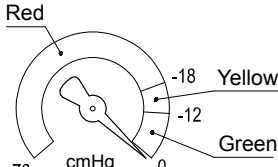
VL*51 - VL*52 - VL*53		Hydraulic symbol	Materials	
Electrical/Visual Vacuum Indicator				Materials
R	Ordering code			
EN 10226 - R1/4"	VL A 21 A A xx P01		Brass	
EN 10226 - R1/8"	VL B 21 A A xx P01		Transparent polyamide	
			Brass - Polyamide	
			NBR	
		Electrical symbol	Technical data	
A/F 27 Max tightening torque: R 1/4: <b>25 N·m</b> R 1/8: <b>6.5 N·m</b>				
			Electrical data	
			- Vacuum setting: -0.21 bar ±10%	
			- Max working pressure: 10 bar	
			- Proof pressure: 15 bar	
			- Working temperature: From -25 °C to +80 °C	
			- Compatibility with fluids: Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943	
			- Degree of protection: IP65 according to EN 60529	

VL*71		<div>Hydraulic symbol</div> 	<div>Materials</div> <div><div>- Body:</div><div>- Base:</div><div>- Contacts:</div><div>- Seal:</div></div> <div>Brass Black polyamide Silver NBR</div>
Electrical/Visual Vacuum Indicator			
Connections	Indicator code		
EN 10226 - R1/4"	VL A 21 AA 71 P01		
EN 10226 - R1/8"	VL B 21 AA 71 P01		
<div><div><div><div>A/F 27</div><div>Max tightening torque:</div><div>R 1/4: <b>25 N·m</b></div><div>R 1/8: <b>6.5 N·m</b></div></div></div></div>		<div>Technical data</div> <div><div>- Vacuum setting:</div><div>- Max working pressure:</div><div>- Proof pressure:</div><div>- Working temperature:</div><div>- Compatibility with fluids:</div><div>- Degree of protection:</div></div> <div><div>-0.21 bar ±10%</div><div>10 bar</div><div>15 bar</div><div>From -25 °C to +80 °C</div><div>Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943</div><div>IP65 according to EN 60529</div></div>	
<div><div></div></div>		<div>Electrical data</div> <div><div>- Electrical connection:</div><div>- Lamps</div><div>- Resistive load:</div></div> <div><div>IEC 61076-2-101 D (M12)</div><div>24 Vdc</div><div>0.4 A / 24 Vdc</div></div>	

# VACUUM INDICATORS


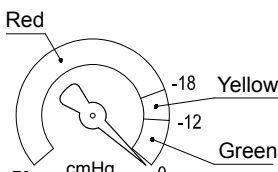
## Dimensions

VVA	
Axial Vacuum Gauge	
R	Ordering code
EN 10226 - R1/4"	VV A 16 P01
	
A/F 27 Max tightening torque: 25 N·m	

Hydraulic symbol	
	
Dial scale	
	
Conversion to SI units	
[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01


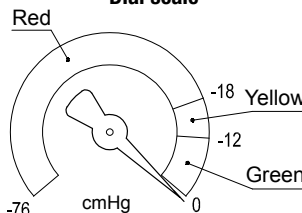
Materials	
- Case:	Painted Steel
- Window:	Transparent plastic
- Dial:	Painted Steel
- Pointer:	Painted Aluminium
- Pressure connection:	Brass
- Pressure element:	Bourdon tube Cu-alloy soft soldered
Technical data	
- Max working pressure:	Static: 7 bar Fluctuating: 6 bar Short time: 10 bar
- Working temperature:	From -40 °C to +60 °C
- Compatibility with fluids:	Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943
- Accuracy:	Class 2.5 according to EN 13190
- Degree of protection:	IP31 according to EN 60529

VVB	
Axial Vacuum Gauge	
R	Ordering code
EN 10226 - R1/8"	VV B 16 P01
A/F 27 Max tightening torque: 6.5 N·m	

Hydraulic symbol	
	
Dial scale	
	
Conversion to SI units	
[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01

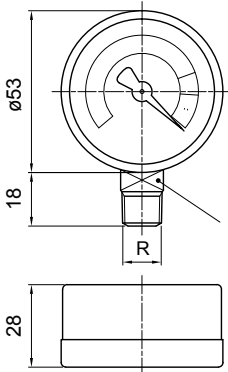
Materials	
- Case:	Painted Steel
- Window:	Transparent plastic
- Dial:	Painted Steel
- Pointer:	Painted Aluminium
- Pressure connection:	Brass
- Pressure element:	Bourdon tube Cu-alloy soft soldered
Technical data	
- Max working pressure:	Static: 7 bar Fluctuating: 6 bar Short time: 10 bar
- Working temperature:	From -40 °C to +60 °C
- Compatibility with fluids:	Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943
- Accuracy:	Class 2.5 according to EN 13190
- Degree of protection:	IP31 according to EN 60529

VVR	
Radial Vacuum Gauge	
R	Ordering code
EN 10226 - R1/4"	VV R 16 P01
A/F 14 Max tightening torque: 25 N·m	


Hydraulic symbol	
	
Dial scale	
	
Conversion to SI units	
[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01

Materials	
- Case:	Painted Steel
- Window:	Transparent plastic
- Dial:	Painted Steel
- Pointer:	Painted Aluminium
- Pressure connection:	Brass
- Pressure element:	Bourdon tube Cu-alloy soft soldered
Technical data	
- Max working pressure:	Static: 7 bar Fluctuating: 6 bar Short time: 10 bar
- Working temperature:	From -40 °C to +60 °C
- Compatibility with fluids:	Mineral oils, Synthetic fluids HFA, HFB, HFC according to ISO 2943
- Accuracy:	Class 2.5 according to EN 13190
- Degree of protection:	IP31 according to EN 60529

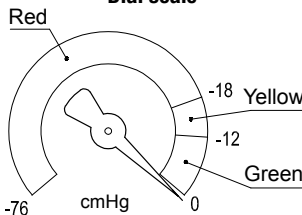


VVS	
Radial Vacuum Gauge	
R	Ordering code
EN 10226 - R1/8"	VV S 16 P01
<div></div>	

Hydraulic symbol



Dial scale



[cmHg]	[bar]
-12	-0.16
-18	-0.24
-76	-1.01

Materials

- Case: Painted Steel
- Window: Transparent plastic
- Dial: Painted Steel
- Pointer: Painted Aluminium
- Pressure connection: Brass
- Pressure element: Bourdon tube Cu-alloy soft soldered

Technical data

- Max working pressure: Static: 7 bar  
Fluctuating: 6 bar  
Short time: 10 bar
- Working temperature: From -40 °C to +60 °C
- Compatibility with fluids: Mineral oils, Synthetic fluids  
HFA, HFB, HFC according to ISO 2943  
Class 2.5 according to EN 13190
- Accuracy: Class 2.5 according to EN 13190
- Degree of protection: IP31 according to EN 60529

DESIGNATION & ORDERING CODE										
<b>Series</b>		Configuration example 1:		VE	A	21	A	A	50	P01
<b>VE</b> Electrical vacuum indicator		Configuration example 2:		VL	A	21	A	A	71	P01
<b>VL</b> Electrical/Visual vacuum indicator		Configuration example 3:		VV	R	16				P01
<b>VV</b> Vacuum gauge										
<b>Type VE - VL</b>		<b>Type VV</b>								
<b>A</b> Connection EN 10226 - R1/4"		<b>A</b> Axial connection EN 10226 - R1/4"								
<b>B</b> Connection EN 10226 - R1/8"		<b>B</b> Axial connection EN 10226 - R1/8"								
		<b>R</b> Radial connection EN 10226 - R1/4"								
		<b>S</b> Radial connection EN 10226 - R1/8"								
<b>Vacuum setting</b>		VE	VL	VV						
<b>16</b> -0.16 bar		-	-	•						
<b>21</b> -0.21 bar		•	•	-						
<b>Seals</b>		VE	VL	VV						
<b>A</b> NBR		•	•	-						
<b>Thermostat</b>		VE	VL	VV						
<b>A</b> Without		•	•	-						
<b>Electrical connections</b>		VE	VL	VV						
<b>50</b> Connection EN 175301-803		•	-	-						
<b>51</b> Connection EN 175301-803, transparent base with lamps 24 Vdc		-	•	-						
<b>52</b> Connection EN 175301-803, transparent base with lamps 110 Vdc		-	•	-						
<b>53</b> Connection EN 175301-803, transparent base with lamps 230 Vdc		-	•	-						
<b>71</b> Connection IEC 61076-2-101 D (M12), black base with lamps 24 Vdc		-	•	-						
					<b>Option</b>					
					<b>P01</b> MP Filtri standard					
					<b>Pxx</b> Customized					