

# LMP 124 MULTIPOINT

**Maximum pressure 80 bar**  
**Flow rates to 200 l/min**



## Technical data

### Filter housing (Materials)

- Head: Aluminium
- Housing: Cathaphoresis-Painted Steel
- Bypass valve: Brass - Aluminium

### Pressure

- Working pressure: 80 bar (8 MPa)
- Test pressure: 120 bar (12 MPa)
- Burst pressure: 380 bar (38 MPa)
- Pulse pressure fatigue test: 1.000.000 cycles with pressure from 0 to 80 bar (8 MPa)

### Temperature

- From -25 °C to +110 °C

### Bypass valve

- Opening pressure 2,5 bar ±10%
- Other opening pressures on request.

### Δp Elements type

- Microfibre filter elements series N - W: 20 bar
- Fluid flow through the filter element from OUT to IN.

### Seals

- Standard NBR series A
- Optional FPM series V

### LMP 124 FILTERS ARE PROVIDED FOR VERTICAL MOUNTING

### Weights (kg)

Length	1	2	3	4
• LMP124	1,70	1,90	2,20	2,70

### Volumes (dm<sup>3</sup>)

Length	1	2	3	4
• LMP124	0,75	0,81	1,11	1,53

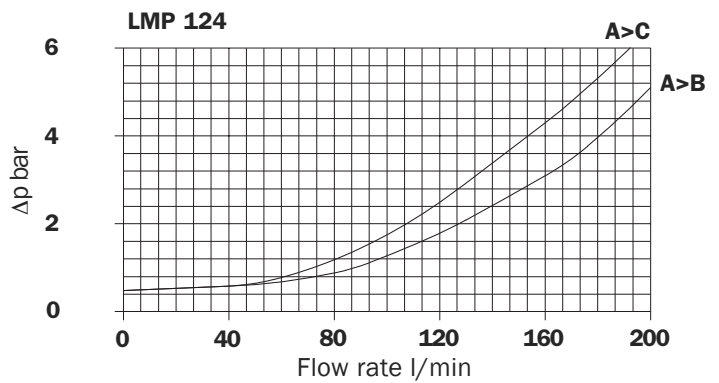
### Connections

- LMP 124: Same side + 90°

### Filter housings Δp pressure drop

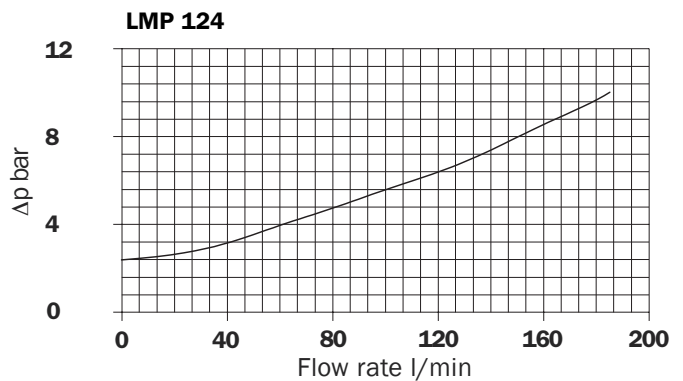
The curves are plotted utilising mineral oil with density of 0,86 kg/dm<sup>3</sup> to ISO 3968.

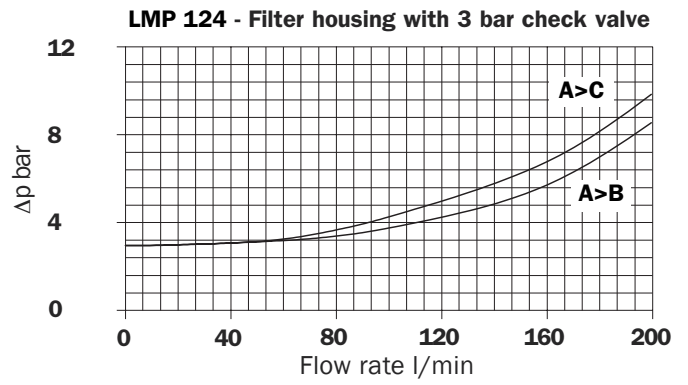
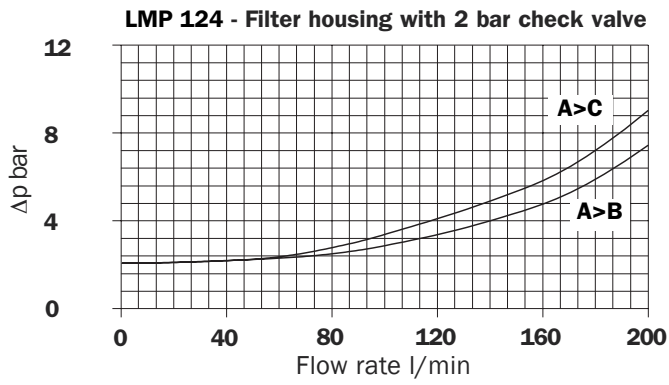
Δp varies proportionally with density.



### Valves

#### Bypass valve pressure drop

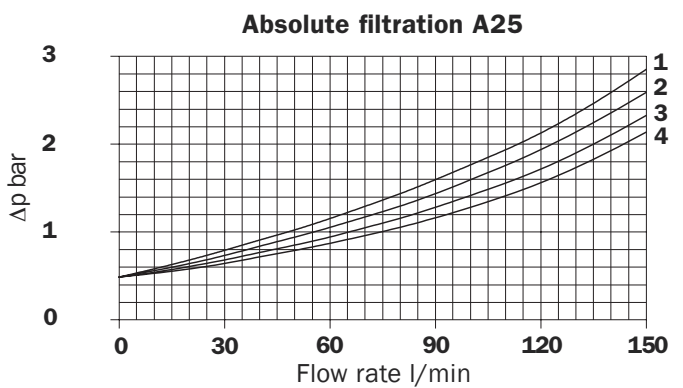
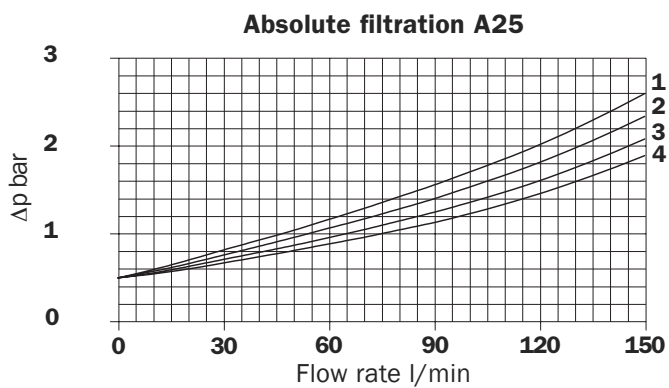
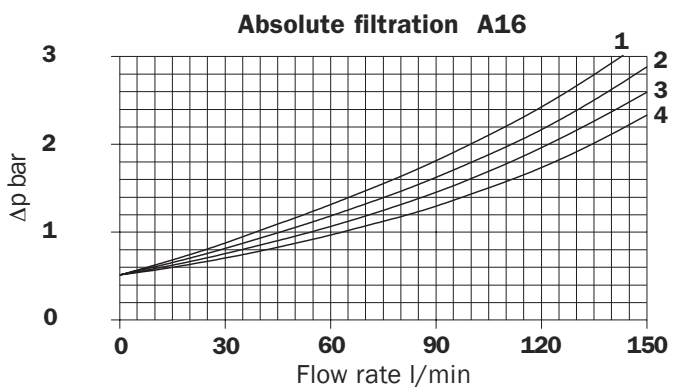
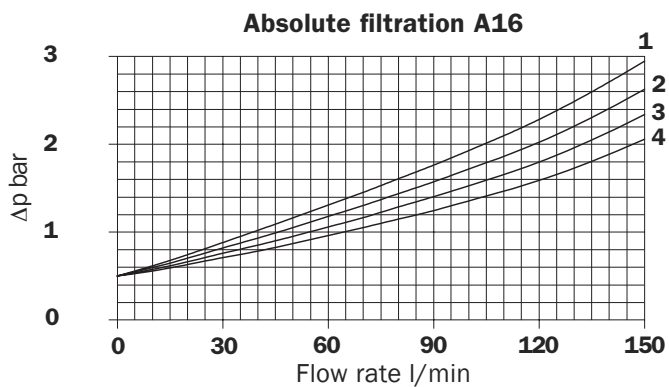
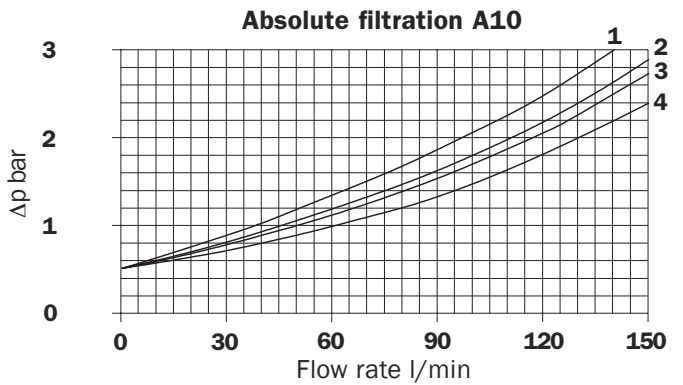
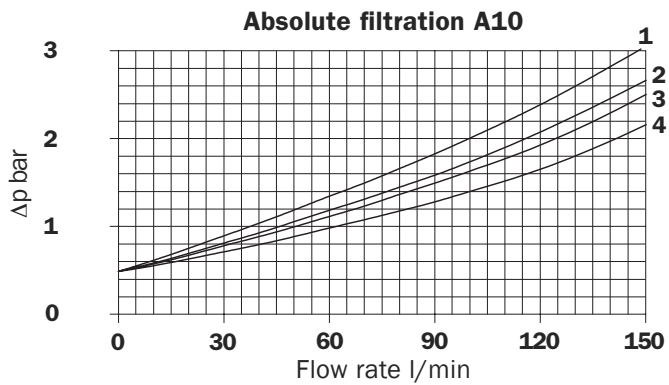




**Style**  
**C - D - E - F**

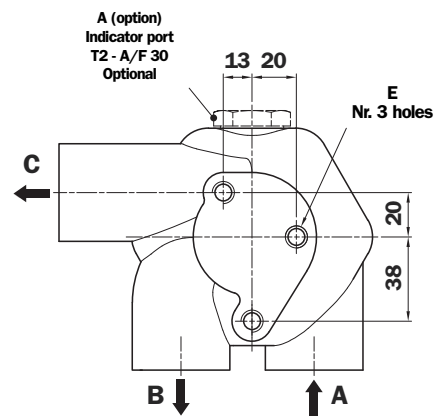
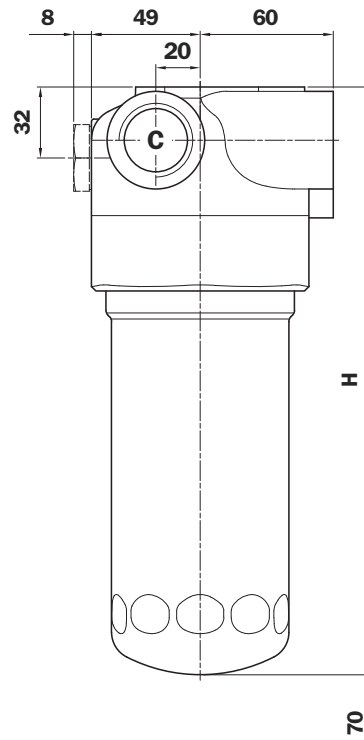
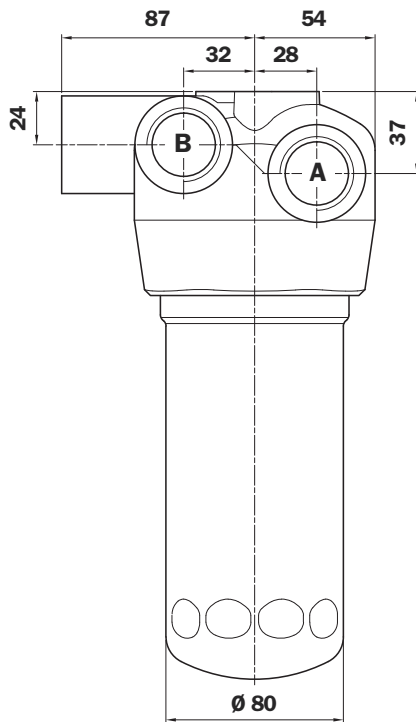
**Style**  
**G - H**

**LMP 124 - Filter length: 1 - 2 - 3 - 4**





# LMP 124



## LMP 124

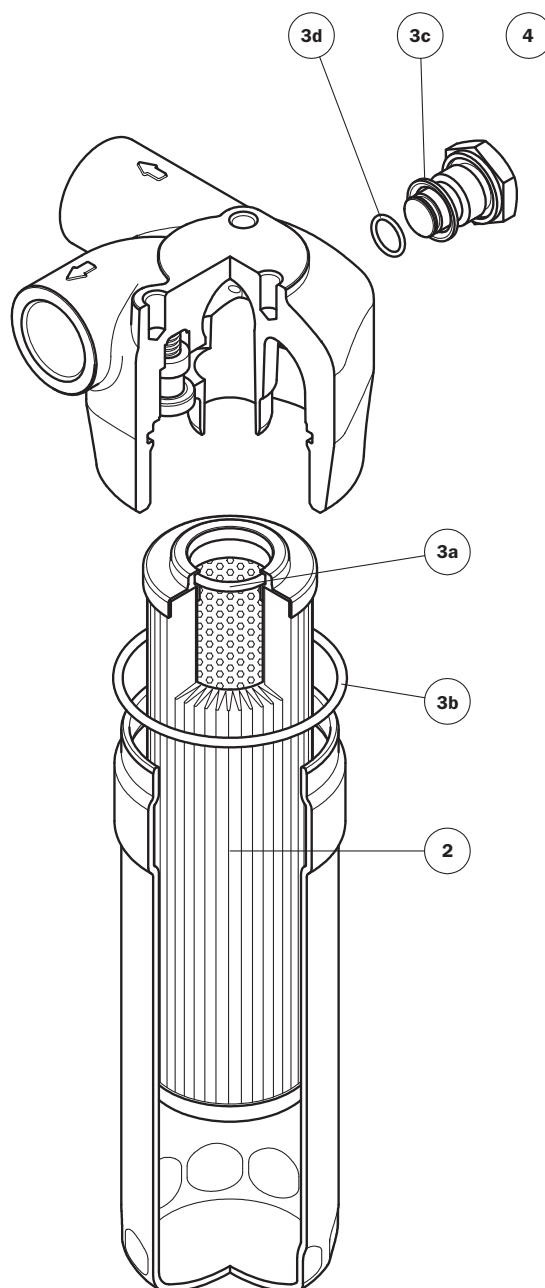
Filter Length	H mm
1	182
2	215
3	265
4	365

## LMP 124

### Thread connections

Type	Size	E Depth 12 mm
B	G 1"	M10
F	SAE 16 - 1 5/16" - 12 UN	3/8" UNC

# Spare parts



Item	Description	Q.ty	FILTER Series LMP 124 - MULTIPORT	
1	Filter assembly	1	See order table	
2	Filter element	1	See order table	
3	Seal Kit	1	NBR 02050478	FPM 02050479
3a	O-Ring for filter element	1	O-R 4125 Ø 31,34 x 3,53	
3b	O-Ring for housing	1	O-R 4312 Ø 78,97 x 3,53	
3c	Seal for indicator	1	NBR 01030058	FPM 01030046
3d	O-Ring for indicator	1	O-R 2050 Ø 12,42 x 1,78	
4	Indicator connection plug	1	T2H	T2V

# Ordering information LMP 124

<b>Filter assembly</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>LMP</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Example: LMP    **124**    **2**    **C**    **A**    **B**    **2**    **A10**    **N**    **P01**

<b>Filter element</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>4</b>	<b>8</b>	<b>9</b>
<b>CU</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Example: CU    **110**    **2**    **A10**    **A**    **N**    **P01**

## 1 - Style

**Filter**

**124**

**Filter element**

**110**

## 2 - Filter length

**124**

**1** **2** **3** **4**

## 3 - Valves

**LMP 124**

<b>C</b>	<b>F</b>
<b>D</b>	<b>G</b>
<b>E</b>	<b>H</b>

"HYDRAULIC SYMBOLS" see page 292

## 4 - Filter seals

<b>A</b>	NBR
<b>V</b>	FPM
<b>W</b>	NBR (compatible with fluid HFA, HFB, HFC)
<input type="checkbox"/>	On request

## 5 - Connections

**Threaded**

Type	Size
<b>B</b>	G 1"
<b>F</b>	SAE 16 - 1 5/16" - 12 UN

## 6 - Indicator port

- 1** Without indicator port
- 2** Port G 1/8" switch For pressure switch
- 3** Port G 1/4" For pressure switch
- 4** Differential indicator port

## 7 - Filter element

- A10** Inorganic microfibre 10 µm
  - A16** Inorganic microfibre 16 µm
  - A25** Inorganic microfibre 25 µm
- } Absolute filtration  
Inorganic  
Microfibre  
βx (c) ≥ 1000

## 8 - Max filter element differential pressure

**N** Δp 20 bar

## 9 - Option

- P01** MP Filtri standard
- Pxx** On request

**For Clogging Indicator:**  
See page 324

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