The complete series of oil filter and breather filler caps makes it possible to meet all market demands. Metal and plastic styles suitable for use on mobile equipment are available.

Filler caps perform a dual function, air filtration at the tank inlet and prefiltration of the fluid by means of the basket, in order to prevent the ingress of foreign material into the tank during filling and top-up operations. Correct operation of breather filters makes for longer life of the filter cartridges installed in the hydraulic circuit, and in applications where high level of contamination are present.

**Temperature**
- from -25°C to +100°C

**Compatibility**
- NBR seals and Cork Gasket, compatible with:
  - Mineral oils to ISO 2943 - aqueous emulsions
  - Synthetic fluids, glycol water.
- FPM seals, compatible with:
  - Synthetic fluids type HS-HFDR-HFDS-HFDU.
Metal oil filler and air breather filler caps

**TA46 B (Materials)**
1. Cover: Chrome Plated Steel
2. Filter element: Impregnated paper Polyurethane
3. - 6. Flange: Galvanised Steel
4. Seal: NBR Cork Gasket
5. Screws: Galvanised Steel
6. - 7. Chain, ring: Brass
8. Basket: Galvanised Steel

**Flow rates with Δp: 0.02 bar**

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>150</td>
</tr>
<tr>
<td>10 µm</td>
<td>200</td>
</tr>
</tbody>
</table>

**Weight**
TA 46: 0.100 kg

**TA 46 B**
Bayonet connection
Non-removable strainer

**Ordering information**

<table>
<thead>
<tr>
<th>Filler cap</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA46</td>
<td>B</td>
<td>03</td>
<td>A</td>
<td>0</td>
<td>C</td>
<td>1</td>
<td>P01</td>
</tr>
</tbody>
</table>

**1 - Connection to reservoir**

- B: Flange with bayonet connection

**2 - Filter element**

- 03: 3 µm - Impregnated paper
- 10: 10 µm - Polyurethane

**3 - Seal**

- A: NBR
- B: Cork Gasket

**4 - Valves**

- 0: Without valves

**5 - Variants**

- 0: Standard
- C: With chain

**6 - Basket**

- 0: Without
- 1: L = 65 mm

**7 - Options**

- P01: MP Filtri standard
Series TAP 50

Nylon oil filler and air breather filler caps

TAP50 (Materials)
1 - Cover/ringnut: Nylon
2 - Filter element: Impregnated paper
   Polyurethane
3 - Pressurisation valve: Nylon
   Galvanised Steel
   NBR
4 - Seal: NBR
5 - Flange: Nylon
6 - Screws: Galvanised Steel
7 - Basket: Nylon

Flow rates with Δp: 0,02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 µm</td>
<td>202</td>
</tr>
</tbody>
</table>

Weight
TAP50: 0,060 kg

Ordering information

Filler cap
TAP50
Example: TAP50  B 10  A 0 1  P01

1 - Connection to reservoir
   B Flange with bayonet connection
   C Flange with bayonet connection G 3/4"

2 - Filter element
   03 3 µm - Impregnated paper
   10 10 µm - Polyurethane

3 - Seal
   A NBR

4 - Valves
   0 Without
   1 0,5 bar pressurisation valve

5 - Basket
   1 L = 65 mm

6 - Options
   P01 MP Filtri standard
Series TA 80

**TA80 B/D (Materials)**

1 - Cover: Chrome Plated Steel
2 - Filter element: Impregnated paper Polyurethane
3 - Pressurisation valve:
   - Bodies: Nylon
   - End cap-disk: Galvanised Steel
   - Spring: Steel
   - Seals: NBR
4 - Flange and anti-splash feature: Galvanised Steel
5 - Seals: Cork Gasket
6 - Screws: Galvanised Steel
7 - Flange: Galvanised Steel
8 - Chain, ring: Brass
9 - Basket TA80B: Galvanised Steel

**Flow rates with Δp: 0.02 bar**

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

**Weight**

Strainer L 80 mm: 0.330 Kg
Strainer L 150 mm: 0.350 Kg

**Metal oil filler and air breather filler caps**

**TA 80 B**
Bayonet connection
Non-removable basket

**TA 80 B**
Bayonet connection
With Padlock tab

**TA 80 D**
Bayonet connection
Removable basket

**TA80B00....P01**
Bayonet connection
Closed filler cap without filter element

**TA80B10....P01**
Bayonet connection
Filler cap with filter element

**TA80B03.9..P01**
Bayonet connection
Filler cap with anti-splash feature and filter element

**TA80B10.1..P01**
Bayonet connection
Filler cap with pressurisation valve and filter element
**Ordering information**

<table>
<thead>
<tr>
<th>Filler cap</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA80</td>
<td>B</td>
<td>03</td>
<td>A</td>
<td>1</td>
<td>L</td>
<td>2</td>
<td>P01</td>
</tr>
</tbody>
</table>

Example: TA80

1 - Connection to reservoir

- **B**: Flange with bayonet connection
- **D**: Weld flange

2 - Filter element

- **00**: Without filter (Blank filler cap)
- **03**: 3 µm - Impregnated paper
- **10**: 10 µm - Polyurethane

3 - Seal

- **A**: NBR
- **B**: Cork gasket

4 - Valves

- **0**: Without
- **1**: 0.3 bar pressurisation valve (only with seals NBR)
- **2**: 0.7 bar pressurisation valve (only with seals NBR)
- **9**: Anti-splash feature (only with filter element 3 µm)

5 - Variants

- **0**: Standard
- **L**: With Padlock tab (B versions only)

6 - Basket

- **0**: Without
- **1**: *L= 80 mm (B versions only)
- **2**: *L= 150 mm (B versions only)
- **3**: *L= 100 mm (D versions only)

7 - Options

- **P01**: MP Filtri standard

---

**Dimensions**

Bayonet connection

- Ø 6.5
- Ø 80
- L
- 58

Weld flange

- Ø 80
- L
- 55
- 100

Reservoir holes

- Ø 73
- Ø 51

- M5

---

1 - Connection to reservoir

- B: Flange with bayonet connection
- D: Weld flange

2 - Filter element

- 00: Without filter (Blank filler cap)
- 03: 3 µm - Impregnated paper
- 10: 10 µm - Polyurethane

3 - Seal

- A: NBR
- B: Cork gasket

4 - Valves

- 0: Without
- 1: 0.3 bar pressurisation valve (only with seals NBR)
- 2: 0.7 bar pressurisation valve (only with seals NBR)
- 9: Anti-splash feature (only with filter element 3 µm)

5 - Variants

- 0: Standard
- L: With Padlock tab (B versions only)

6 - Basket

- 0: Without
- 1: *L= 80 mm (B versions only)
- 2: *L= 150 mm (B versions only)
- 3: *L= 100 mm (D versions only)

7 - Options

- P01: MP Filtri standard
TAP90 (Materials)
1 - Cover/ringnut: Nylon
2 - Filter element: Impregnated paper
   Polyurethane
3 - Pressurisation valve: Nylon
   Galvanised Steel
   NBR
4 - Seal: NBR
5 - Flange B: Nylon
6 - Screws: Galvanised Steel
7 - Padlock tab: Galvanised Steel
8 - Chain, ring: Brass
9 - Dipstick: Phosphated Steel
10 - Basket: Galvanised Steel/Nylon

Flow rate with $\Delta p$: 0.02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

Weight
Basket L 120 mm: 0.250 Kg
Basket L 250 mm: 0.310 Kg
## Ordering Information

### Filler Cap

<table>
<thead>
<tr>
<th>TAP90 Example: TAP90</th>
<th>B</th>
<th>03</th>
<th>A</th>
<th>1</th>
<th>0</th>
<th>5</th>
<th>P01</th>
</tr>
</thead>
</table>

### 1 - Connection to Reservoir

- **B**: Flange with bayonet connection
- **C**: Weld riser (M52X2 version only)
- **F**: Flange with threaded M52x2 connection
- **R**: Flange with M52X2 threaded connection

### 2 - Filter Element

- **00**: Without filter (Blank filler cap)
- **03**: 3 µm - Impregnated paper
- **10**: 10 µm - Polyurethane

### 3 - Seal

- **A**: NBR

### 4 - Valves

- **0**: Without
- **1**: 0.3 bar pressurisation valve
- **2**: 0.7 bar pressurisation valve

### 5 - Variantes

- **0**: Standard
- **L**: With Padlock tab
- **A**: With Dipstick
- **C**: With Chain internal for connection C-F-R (with basket only)
- **D**: With Padlock tab and chain external for connection B
- **E**: With Padlock tab and chain internal for connection C-F-R (with basket only)
- **F**: Dipstick and chain external (only connection B)
- **G**: Dipstick, Padlock tab and chain external (only connection B)

### 6 - Basket

- **0**: Without
- **1**: L= 120 mm
- **3**: L= 250 mm

In the version with chain the L= 120 basket features a press fitting.

### 7 - Options

- **P01**: MP Filtri standard

---

### Dimensions

The dimensions are shown in the diagram with measurements for each component.
Series TAP 114

Nylon oil filler and air breather filler caps

Example TAP114
Length 1

Example TAP114
Length 2

TAP114 (Materials)
1 - Cover: Nylon
2 - Filter element: Impregnated paper
3 - Flange: Nylon
4 - Seal: NBR
5 - Screws: Galvanised Steel
6 - Basket: Nylon

Dimensions

TAP 114

Flow rates with \( \Delta p: 0.02 \text{ bar} \)

<table>
<thead>
<tr>
<th>Length</th>
<th>Filtration (10 \mu m) l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1450</td>
</tr>
<tr>
<td>2</td>
<td>1600</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Weight

TAP 114 1: 0.185 Kg
TAP 114 2: 0.200 Kg

Reservoir holes

\( \Phi 114 \)

\( \Phi 40 \)

\( \Phi 73 \)

\( \Phi 51 \)
TAP 114 spare parts

<table>
<thead>
<tr>
<th>Item.</th>
<th>Description</th>
<th>Q.ty</th>
<th>Filler cap series</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Complete filler cap</td>
<td>1</td>
<td>See order table</td>
</tr>
<tr>
<td>2</td>
<td>Filter Element</td>
<td>1</td>
<td>See order table</td>
</tr>
<tr>
<td>3</td>
<td>Seal</td>
<td>1</td>
<td>NBR 01026906</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>FPM 01026332</td>
</tr>
</tbody>
</table>

Ordering information

Filler cap

TAP114

Example: TAP114

1 - Length

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Filter element

A114

Example: TAP114

1 - Filter element

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2 - Filter element

L10  10 µm - Impregnated paper

3 - Seal

A  NBR

4 - Basket

1  L= 114 mm

5 - Options

P01  MP Filtri standard
Series TAP 115

Nylon oil filler and air breather filler caps

- **Clogging indicator option**

**TAP115 (Materials)**
1. Cover/Flange: Nylon
2. Filter element: Microfibre Impregnated paper
3. Seals: NBR FPM
4. Screws: Galvanised Steel
5. Basket: Galvanised Steel/Nylon

**Clogging indicator**
Set pressure: - 0,062 bar ± 10 %
Manual reset

**Dimensions**

Flow rates with Δp: 0,02 bar

<table>
<thead>
<tr>
<th>Length</th>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 3 µm</td>
<td>1600</td>
<td></td>
</tr>
<tr>
<td>1 10 µm</td>
<td>2000</td>
<td></td>
</tr>
<tr>
<td>2 3 µm</td>
<td>2150</td>
<td></td>
</tr>
<tr>
<td>2 10 µm</td>
<td>2150</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAP 115 1: 0,460 Kg</td>
</tr>
<tr>
<td>TAP 115 2: 0,585 Kg</td>
</tr>
</tbody>
</table>

**Reservoir holes**
Changing the filter element in TAP 115 series filler caps

1 Thoroughly clean the filler cap and adjacent parts.
2 Unscrew and raise the cover.
3 Replace the filter element.
4 Screw the cover.

Ordering information

<table>
<thead>
<tr>
<th>Filler cap series TAP 115 spare parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item.</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>3a</td>
</tr>
<tr>
<td>3b</td>
</tr>
<tr>
<td>3c</td>
</tr>
<tr>
<td>3d</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filler cap TAP115</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: TAP115</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filter element A115</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: TAP115</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

1 - Length
2 - Connection
3 - Filter element
4 - Seal
5 - Basket
6 - Clogging indicator
7 - Options

Example: TAP115 A03 P01

1 - Length
2 - Connection
3 - Filter element
4 - Seal
5 - Basket
6 - Clogging indicator
7 - Options

Example: TAP115 A03 P01
**Series TLP 114**

**Nylon oil filler and air breather filler cap with electrical level indicator**

**TLP 114 (Materials)**
1. Cover: Nylon
2. Filter element: Resin impregnated cellulose
3. Flange: Nylon
4. Basket: Zinc Plated Steel
5. Screws: Zinc Plated Steel
6. Seals: NBR - FPM
7. Level indicator

**Level sensor (Materials)**
- Flange: Nylon
- Stem: AISI 304
- Float: Nylon

**General data**

**Temperature**
- From -15°C to +80°C

**Weight**
- TLP 114: 650 gr

**Compatibility**
- Mineral/Sintetic oil

**Flow rates with Δp: 0.02 bar**

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 µm</td>
<td>1450</td>
</tr>
</tbody>
</table>

**Connector EN 175301-803 A/ISO 4400**

**Contact**
- SPDT
- Protection degree: IP 65
- Max switchable capacity: 80 W (50 W SPDT)
- Max switchable current: 1 A
- Max switchable voltage: 250 Vac (220 W SPDT)
- Density of fluid: >0.75
- Ground of level indicator is not connected
**Dimensions**

![Diagram of dimensions](image)

**Change level sensor length**

1. **To screw out the nut**
2. **To extract the float**
3. **To shorten the rod**
4. **To re-assemble**

**Ordering information**

<table>
<thead>
<tr>
<th>Length filler cap</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLP114 1L 10x1P01</td>
<td>41</td>
<td>97</td>
<td>290</td>
<td>302</td>
</tr>
<tr>
<td>TLP114 1L 10x2P01</td>
<td>41</td>
<td>97</td>
<td>518</td>
<td>530</td>
</tr>
<tr>
<td>TLP114 2L 10x1P01</td>
<td>56</td>
<td>112</td>
<td>275</td>
<td>302</td>
</tr>
<tr>
<td>TLP114 2L 10x2P01</td>
<td>56</td>
<td>112</td>
<td>503</td>
<td>530</td>
</tr>
<tr>
<td>TLP114 3L 10x1P01</td>
<td>68</td>
<td>124</td>
<td>263</td>
<td>302</td>
</tr>
<tr>
<td>TLP114 3L 10x2P01</td>
<td>68</td>
<td>124</td>
<td>491</td>
<td>530</td>
</tr>
</tbody>
</table>

**Example:**

TLP 114 Length filler cap A

**Filler cap**

- Example: TLP
  - TLP 114 1L 10x1P01
  - TLP 114 1L 10x2P01
  - TLP 114 2L 10x1P01
  - TLP 114 2L 10x2P01
  - TLP 114 3L 10x1P01
  - TLP 114 3L 10x2P01

**Filter element**

- Example: TLP
  - TLP 114 L10 A 1 P01

**Seal**

- NBR
- FPM

**Basket - Level**

1. With electric level indicator and basket L= 300 mm
2. With electric level indicator and basket L= 530 mm

**Option**

P01 MP filtri standard
**SMF**

**Materials**
1. Flange: Nylon
2. Seals: NBR
   - Cork gasket
3. Screws: Galvanised/Phosphated Steel

**Weight**
- SMF: 0.325 kg

---

**Dimensions**

---

**Ordering information**

<table>
<thead>
<tr>
<th>SMF1</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: SMF 1</td>
<td>M</td>
<td>A</td>
<td>P01</td>
</tr>
</tbody>
</table>

1. **Connection to reservoir**
   - M: Fixing with Metric screws
   - U: Fixing with UNC screws

2. **Seal**
   - A: NBR
   - B: Cork gasket

3. **Options**
   - P01: MP Filtri standard
**Metal oil filler and air breather filler caps**

**Series TAF 80 B**

**Dimensions**

Flow rate with Δp: 0.02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

**Weight**

TAF 80: 0.655 Kg

For tank hole see “SMF 1” page 18.

**Ordering information**

<table>
<thead>
<tr>
<th>Filler cap</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAF80</td>
<td>B</td>
<td>03</td>
<td>A</td>
<td>1</td>
<td>L</td>
<td>1</td>
<td>M</td>
<td>P01</td>
</tr>
</tbody>
</table>

**1 - Filler cap connection**

- **B** Flange with bayonet connection

**2 - Filter element**

- **00** Without filter (Blank filler cap)
- **03** 3 µm - Impregnated paper
- **10** 10 µm - Polyurethane

**3 - Seal**

- **A** NBR Cork gasket
- **B**

**4 - Pressurisation valve**

- **0** Without
- **1** 0.3 bar pressurisation valve
- **2** 0.7 bar pressurisation valve
- **9** Anti-splash feature (only with filter element 3 µm)

**5 - Variants**

- **0** Standard
- **L** With Padlock tab

**6 - Basket**

- **0** Without
- **1** L= 80 mm

**7 - Connection to reservoir**

- **M** Fixing with Metric screws
- **U** Fixing with UNC screws

**8 - Options**

- **P01** MP Filtri standard
Nylon oil filler and air breather filler caps

**Dimensions**

Flow rate with $\Delta p$: 0.02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

**Weight**

TAF 90: 0.535 Kg

**Ordering information**

**Filler cap**

<table>
<thead>
<tr>
<th>Example: TAF90</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAF90</td>
<td>B</td>
<td>03</td>
<td>A</td>
<td>1</td>
<td>L</td>
<td>1</td>
<td>M</td>
<td>P01</td>
</tr>
</tbody>
</table>

1 - Filler cap connection

| B | Flange with bayonet connection |
| F | Flange with threaded M52x2 connection Spigot Ø 60 (DIN 24557) |
| R | Flange with threaded connection M52x2 |

2 - Filter element

| 00 | Without filter (Blank filler cap) |
| 03 | 3 µm - Impregnated paper |
| 10 | 10 µm - Polyurethane |

3 - Seal

| A | NBR |

4 - Pressurisation valve

| 0 | Without |
| 1 | 0.3 bar pressurisation valve |
| 2 | 0.7 bar pressurisation valve |

5 - Variants

| D | Standard |
| L | With Padlock tab |
| A | With Dipstick |
| C | With Chain external for connection B |
| | With Chain internal for connection F-R (with basket only) |
| | With Padlock tab and chain external for connection B |
| | With Padlock tab and chain internal for connection F-R (with basket only) |

6 - Basket

| 0 | Without |
| 1 | L = 120 mm |

7 - Connection to reservoir

| M | Fixing with Metric screws |
| U | Fixing with UNC screws |

8 - Options

| P01 | MP Filtri standard |
Nylon oil filler and air breather filler caps

Flow rate with Δp: 0,02 bar

<table>
<thead>
<tr>
<th>Length 1</th>
<th>Filtration</th>
<th>l/min</th>
<th>Length 2</th>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>1600</td>
<td></td>
<td>3 µm</td>
<td>2150</td>
<td></td>
</tr>
<tr>
<td>10 µm</td>
<td>2000</td>
<td></td>
<td>10 µm</td>
<td>2150</td>
<td></td>
</tr>
</tbody>
</table>

Weight

TAF 115 1: 0,785 Kg

TAF 115 2: 0,910 Kg

Length 1

Filtration: 3 µm, 10 µm

Length 2

Filtration: 3 µm, 10 µm

For tank hole see “SMF 1” page 18.

Ordering information

Example: TAF115

1 - Filler cap length

2 - Connection

F Flange

3 - Filter element

A03 3 µm - Microfibre

L10 10 µm - Impregnated paper

4 - Seal

A NBR

V FPM

5 - Basket

Without

L = 120 mm

6 - Clogging indicator

Without

Clogging indicator

7 - Connection to reservoir

Fixing with Metric screws

Fixing with UNC screws

8 - Options

Without

MP Filtri standard
Series SML

SML (Materials)
1 - Flange: Aluminium
2 - Screws: Phosphated Steel
3 - Seals: NBR
   Cork gasket

Weight
SML: 0.380 Kg

Dimensions

Ordering information

SML1
Example: SML 1

1 - Connection to reservoir
M  Fixing with Metric screws
U  Fixing with UNC screws

2 - Seal
A  NBR
B  Cork gasket

3 - Options
P01  MP Filtri standard
Metal oil filler and air breather filler caps

**Series TAL 80 B**

**Dimensions**

For tank hole see “SML 1” page 22.

**Ordering information**

<table>
<thead>
<tr>
<th>Filler cap</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAL80</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Example: TAL80</td>
<td>B</td>
<td>03</td>
<td>A</td>
<td>1</td>
<td>L</td>
<td>1</td>
<td>M</td>
<td>P01</td>
</tr>
</tbody>
</table>

1 - Filler cap connection

B Flange with bayonet connection

2 - Filter element

00 Without filter (Blank filler cap)

03 3 µm - Impregnated paper

10 10 µm - Polyurethane

3 - Seal

A NBR

B Cork gasket

4 - Pressurisation valve

0 Without

1 0,3 bar pressurisation valve

2 0,7 bar pressurisation valve

9 Anti-splash feature

(only with filter element 3 µm)

5 - Variants

0 Standard

L With Padlock tab

6 - Basket

0 Without

1 L= 80 mm

7 - Connection to reservoir

M Fixing with Metric screws

U Fixing with UNC screws

8 - Options

P01 MP Filtri standard

Flow rate with Δp: 0,02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

Weight

TAL 80 1: 0,710 Kg
Series TAL 90

Nylon oil filler and air breather filler caps

TAL 90 ...

Flow rate with Δp: 0,02 bar

<table>
<thead>
<tr>
<th>Filtration</th>
<th>l/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 µm</td>
<td>450</td>
</tr>
<tr>
<td>10 µm</td>
<td>550</td>
</tr>
</tbody>
</table>

Weight

TAL 90: 0,560 Kg

Ordering information

Filler cap

TAL90

Example: TAL90 B - R - F

1 - Filler cap Connection

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Flange with bayonet connection
Flange with threaded connection M52x2 Spigot Ø 60 (DIN 24557)
Flange with threaded connection M52x2

2 - Filter element

<table>
<thead>
<tr>
<th></th>
<th>00</th>
<th>03</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Without filter (Blank filler cap)
3 µm - Impregnated paper
10 µm - Polyurethane

3 - Seal

<table>
<thead>
<tr>
<th></th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NBR</td>
</tr>
</tbody>
</table>

4 - Pressurisation valve

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Without
0,3 bar pressurisation valve
0,7 bar pressurisation valve

5 - Variants

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Standard
With Padlock tab

<table>
<thead>
<tr>
<th></th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

With Chain external for connection B
With Chain internal for connection F-R (with basket only)
With Padlock tab and chain external for connection B
With Padlock tab and chain internal for connection F-R (with basket only)

6 - Basket

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Without
L = 120 mm

7 - Connection to reservoir

<table>
<thead>
<tr>
<th></th>
<th>M</th>
<th>U</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fixing with Metric screws
Fixing with UNC screws

8 - Options

<table>
<thead>
<tr>
<th></th>
<th>P01</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MP Filtri standard

For tank hole see “SMF 1” page 18.
Nylon oil filler and air breather filler caps

Series TAL 115

Dimensions

Flow rate with Δp: 0.02 bar

<table>
<thead>
<tr>
<th>Length 1</th>
<th>Length 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filtration</td>
<td>Filtration</td>
</tr>
<tr>
<td>3 µm</td>
<td>3 µm</td>
</tr>
<tr>
<td>10 µm</td>
<td>10 µm</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>Length 1</th>
<th>Length 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAL 115 1: 0.840 Kg</td>
<td>TAL 115 2: 0.965 Kg</td>
</tr>
</tbody>
</table>

For tank hole see “SML 1” page 22.

Ordering information

Filler cap TAL115

Example: TAL115

1 - Filler cap length

2 - Connection

3 - Filter element

A03 - 3 µm - Microfibre
L10 - 10 µm - Impregnated paper

4 - Seal

A - NBR
V - FPM

5 - Basket

0 - Without
1 - L= 120 mm

6 - Clogging indicator

A - Without
B - Clogging indicator

7 - Connection to reservoir

M - Fixing with Metric screws
U - Fixing with UNC screws

8 - Options

P01 - MP Filtri standard
Universal adapter for filling to reservoir

Possible use with oil filter/air breather filler caps

type:
  - TA 80
  - TAP 90
  - TAP 115
  - SCS 100 F

Dimensions

ATS (Materials)

1 - Adapter: Anodised Aluminium
2 - Screws: Steel
3 - Seals: NBR, FPM, Cork Gasket

Weight
ATS: 1 Kg

Ordering information

Adapter for filler caps
ATS 1
Example: ATS 1

1 - Connection

<table>
<thead>
<tr>
<th>Connection</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>G 3/4&quot;</td>
<td>G 3/4&quot;</td>
</tr>
<tr>
<td>G2</td>
<td>SAE 20 (1 1/16&quot; 12 UN)</td>
<td></td>
</tr>
</tbody>
</table>

2 - Seal

<table>
<thead>
<tr>
<th>Seal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>NBR</td>
</tr>
<tr>
<td>B</td>
<td>Cork gasket</td>
</tr>
<tr>
<td>V</td>
<td>FPM</td>
</tr>
</tbody>
</table>