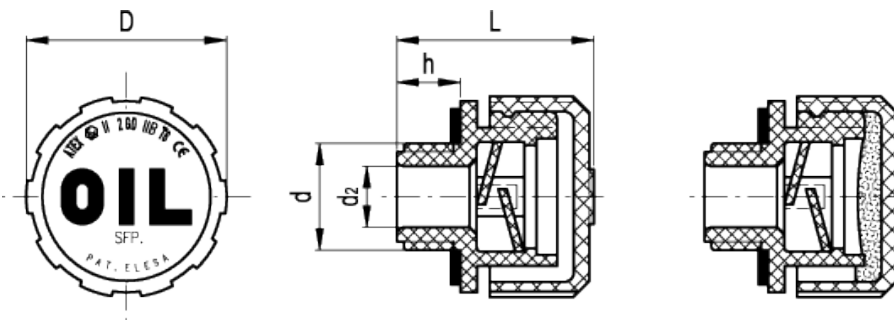


# SFP. ATEX

## Breather caps with splash guard

elesa



| Elesa Standards |               | Main dimensions |      |    |      |                | Weight |
|-----------------|---------------|-----------------|------|----|------|----------------|--------|
| Code            | Description   | d               | h    | D  | L    | d <sub>2</sub> | g      |
| 54001-EX        | SFP.30-3/8-EX | G 3/8           | 9.5  | 31 | 29.5 | 10             | 11     |
| 54101-EX        | SFP.30-1/2-EX | G 1/2           | 9.5  | 31 | 29.5 | 12             | 11     |
| 54201-EX        | SFP.40-3/4-EX | G 3/4           | 11.5 | 42 | 36.5 | 18             | 22     |

| Elesa Standards |                 | Main dimensions |      |    |      |                | Weight |
|-----------------|-----------------|-----------------|------|----|------|----------------|--------|
| Code            | Description     | d               | h    | D  | L    | d <sub>2</sub> | g      |
| 54022-EX        | SFP.30-3/8+F-EX | G 3/8           | 9.5  | 31 | 29.5 | 10             | 13     |
| 54122-EX        | SFP.30-1/2+F-EX | G 1/2           | 9.5  | 31 | 29.5 | 12             | 15     |
| 54222-EX        | SFP.40-3/4+F-EX | G 3/4           | 11.5 | 42 | 36.5 | 18             | 28     |

**Cover and threaded connector**  
 Polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

**Colour**  
 - Cover: RAL 2004 orange, semi-matte finish.  
 - Threaded connector: black, semi-matte finish.

**Flat packing ring**  
 NBR synthetic rubber.

**Splash guard**  
 Technopolymer.

**Standard executions available**  
 - SFP.: without air filter (black splash guard).  
 - SFP+F: with "tech-foam" air filter in polyurethane foam mesh (polyester base), air filtration 40 µ (grey splash guard).

**ATEX directive compliance**  
 The breather caps of the SFP. series comply with Health and Safety Requirements intended in 94/9/EC ATEX European Directive (explosive atmospheres) for equipments in Group II, category 2GD.  
 II 2 G D II B T6, marked on the SFP. breather caps, represents the identification according to the directive.  
 In more detail:

Ex: identification for explosion protection pursuant to ATEX directive 94/9/EC  
 II: equipment group II (places liable to be endangered by explosive atmospheres)  
 2: identification of the category  
 G: potentially explosive atmospheres through gases, vapors or mist  
 D: potentially explosive atmospheres through dust/air mixtures  
 IIB: materials group  
 T6: temperature class  
 Ambient and/or fluid temperature:  $-30 \div +80^{\circ}\text{C}$   
 Every product codes will be supplied with declaration of conformity to European Directives.

*Features and applications*

SFP breather caps come complete with splash guard device (ELESA original design) that prevents oil loss and are particularly suitable for use where oil is violently agitated and could be splashed against breather cap.

*Technical data*

Air flow rate for each model can be determined from the graph calculating the difference between the pressure inside and outside the reservoir.

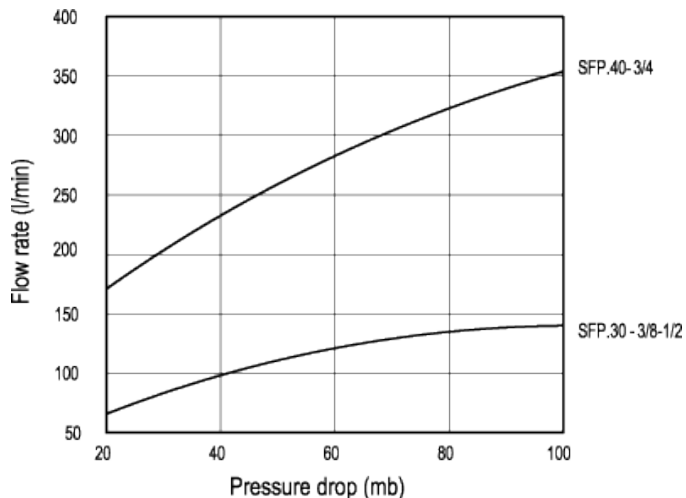


Fig.1



Fig.2



STANDARD MACHINE ELEMENTS WORLDWIDE

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