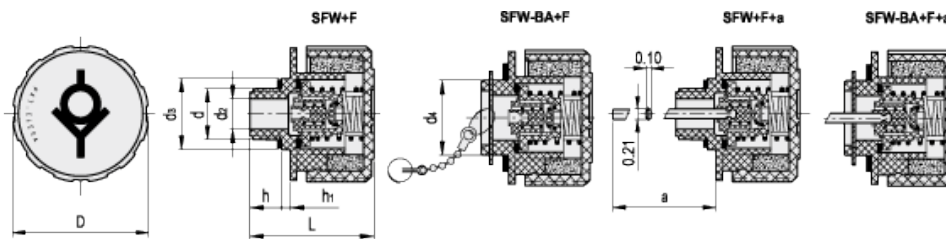


SFW.

Double-valve pressurised breather caps



ELESA Original design



american unit
metric unit

Elesa Standards		Main dimensions								Weight
Code	Description	d	h	D	L	d ₂	d ₃	d ₄	h ₁	lbs g
54801	SFW.57-3/4+F-350 mb	- G 3/4	0.51 13	2.24 57	1.89 48	0.63 16	1.38 35	- -	0.24 6	0.148 67
54911	SFW.70-3/4+F-350 mb	- G 3/4	0.59 15	2.76 70	2.48 63	0.63 16	1.38 35	- -	0.24 6	0.216 98
54921	SFW.70-1¼+F-350 mb	- G 1¼	0.67 17	2.76 70	2.32 59	0.98 25	- -	- -	- -	0.222 101
54931	SFW.70-2+F-350 mb	- G 2	0.67 17	2.76 70	2.32 59	0.98 25	- -	- -	- -	0.238 108
54941	SFW.70-BA+F-350 mb	- -	0.55 14	2.76 70	2.2 56	0.98 25	- -	1.54 39	- -	0.231 105

american unit
metric unit

Elesa Standards		Main dimensions								Weight
Code	Description	d	h	D	L	d ₂	d ₃	d ₄	h ₁	lbs g
954911	SFW.70-3/4 NPT+F-350 mb	3/4 NPT -	0.59 15	2.76 70	2.48 63	0.63 16	1.42 36	- -	0.24 6	0.231 105

Material

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

- Cover: RAL 2004 orange, semi-matte finish, with graphic symbol "valve".
- Threaded connector: black colour, semi-matte finish.

Flat packing ring

NBR synthetic rubber.

Overpressure valve

Technopolymer with NBR synthetic rubber O-ring and stainless steel spring.
Set at around 0.350 bar (0.700 bar on request).

Suction valve

Technopolymer sealing disk with NBR synthetic rubber O-ring and stainless steel spring.
Set at around 0.030 bar.

Ring-shaped air filter

"Tech-foam" polyurethane foam mesh (polyester base), air filtration 40 µ.

Flat dipstick

Flat section phosphatised steel.

On request and for sufficient quantities dipstick can be supplied in different lengths and/or complete with MAX-MIN level lines.

Standard executions

- SFW+F: without flat dipstick.
- SFW-BA+F: with zinc-plated steel sheet bayonet, without flat dipstick. Chrome-plated steel safety chain.
- SFW+F+a: without flat dipstick.
- SFW-BA+F+a: with zinc-plated steel sheet bayonet and flat dipstick. Chrome-plated steel safety chain.

Maximum continuous working temperature

210°F (100°C).

Special executions on request

Black cover.

Features

The use of SFW. pressurised breather caps which create a pressure plenum chamber right above the oil level within tested limit conditions, in order to avoid any reservoir deformation, offers the following advantages:

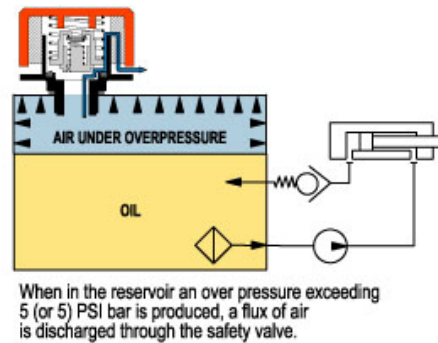
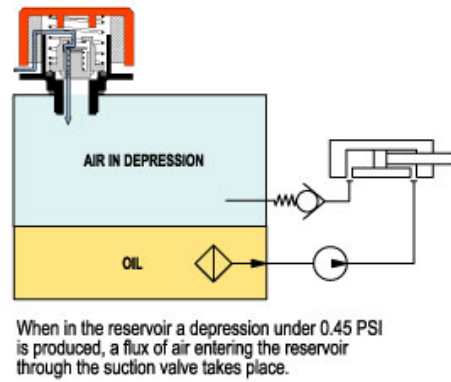
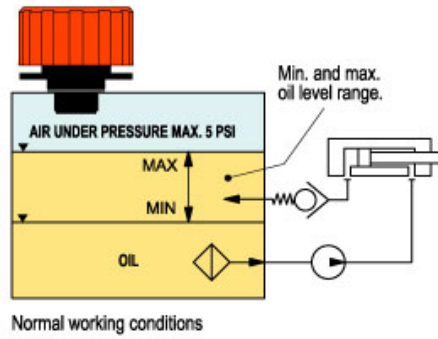
- reduces reservoir air volume intake keeping clean oil and filter
- improves suction pump action during working conditions reducing cavitation phenomenon
- prevents fluid leakage when the system is part of a mobile unit
- reduces foam in fluid.

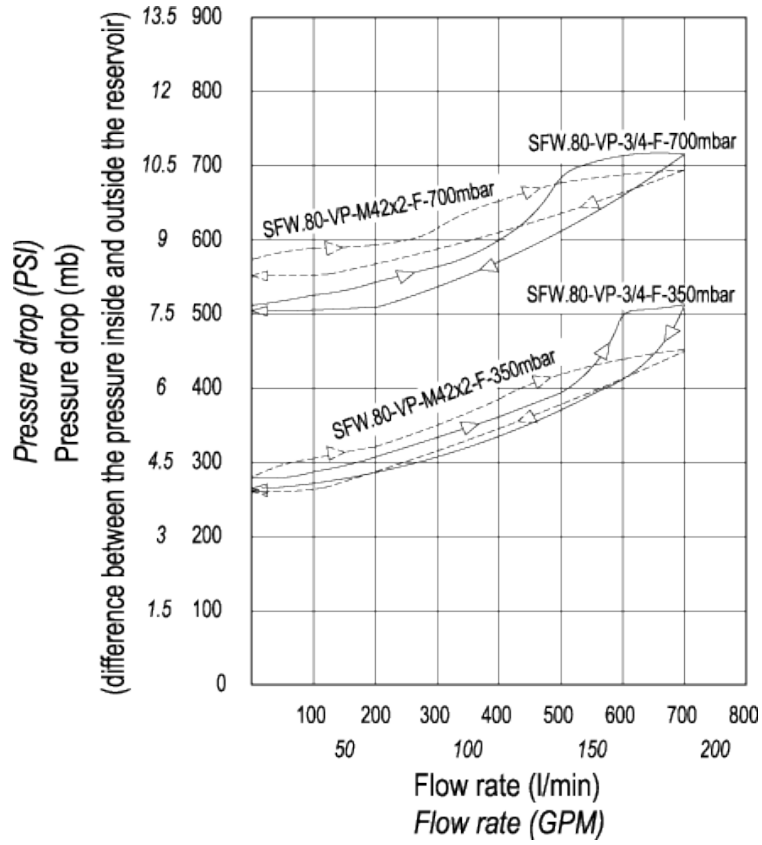
Technical data

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



SFW. pressurised breather cap functioning in a hydraulic circuit





STANDARD MACHINE ELEMENTS WORLDWIDE

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