

Breather caps

with double valve and bayonet assembly, steel

MATERIAL

- Cover: steel sheet, with chrome plating superficial treatment.
- Flange: zinc-plated steel sheet.
- Bayonet and flange with bayonet: zinc-plated steel sheet.

PACKING RINGS

Three flat packing rings in NBR synthetic rubber.

OVERPRESSURE VALVE

Technopolymer with NBR synthetic rubber O-ring and stainless steel spring.

Set at around 0.350 bar (on request 0.700 bar).

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 10 μ or 40 μ .

FILTRATION BASKET

Electro-galvanized steel or polypropylene-based technopolymer (PP), black colour.

SAFETY CHAIN

Brass

STANDARD EXECUTIONS

- **SMW-BA-F10-FRB+CM:** air filtration 10 μ , steel basket.
- **SMW-BA-F40-FRB+CM:** air filtration 40 μ , steel basket.
- **SMW-BA-F10-FRB+C:** air filtration 10 μ , technopolymer basket.
- **SMW-BA-F40-FRB+C:** air filtration 40 μ , technopolymer basket.

MOUNTING

SMW.80: by means of six glossy zinc-plated steel screws with screwdriver slot head M5x12, supplied.

MAXIMUM CONTINUOUS WORKING TEMPERATURE

100°C.

FEATURES AND APPLICATIONS

Double-valve breather caps SMW.BA with bayonet assembly creates a pressure plenum chamber right above the oil level within given limit conditions in order to avoid any reservoir deformation.

Advantages:

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

TECHNICAL DATA

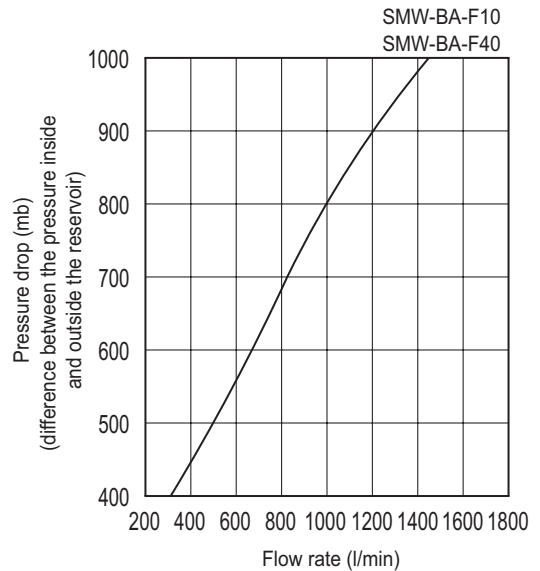
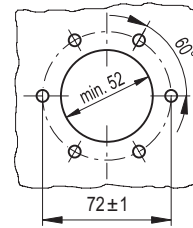
Air flow rate for the different executions of breather caps can be obtained from the diagram on the basis of the difference of air pressure inside and outside the reservoir. Tests carried out without filtration basket.

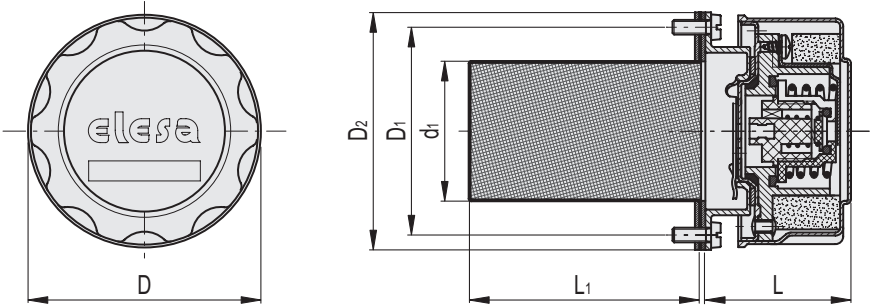
SPECIAL EXECUTIONS ON REQUEST

With dipstick for fluid level indication (max 80 mm).



Drilling template





SMW-BA-F10-FRB+CM

Code	Description	D	D ₁	D ₂	L	L ₁	d ₁	△
156985	SMW.80-BA-F10-350MB-FRB+CM	81	72	83	55	80	49	445

SMW-BA-F40-FRB+CM

Code	Description	D	D ₁	D ₂	L	L ₁	d ₁	△
156986	SMW.80-BA-F40-350MB-FRB+CM	81	72	83	55	80	49	445

SMW-BA-F10-FRB+C

Code	Description	D	D ₁	D ₂	L	L ₁	d ₁	△
156988	SMW.80-BA-F10-350MB-FRB+C	81	72	83	55	99	49	445

SMW-BA-F40-FRB+C

Code	Description	D	D ₁	D ₂	L	L ₁	d ₁	△
156989	SMW.80-BA-F40-350MB-FRB+C	81	72	83	55	99	49	445

