Breather caps

with double valve and bayonet assembly, steel

METRIC RoHS PP +100° -30°

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

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

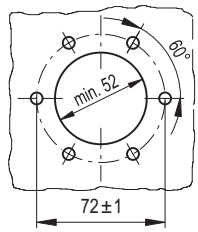
MAXIMUM CONTINUOUS WORKING TEMPERATURE
100°C.

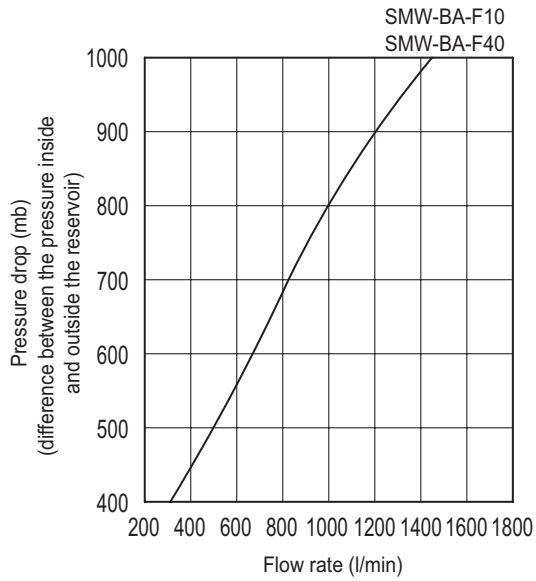
FEATURES AND APPLICATIONS
Double-valve breather caps SMW.BA with bayonet assembly creates a pressure plenum chamber right above the oil level within given limit conditions in order to avoid any reservoir deformation.
Advantages:
- it reduces reservoir air volume intake keeping clean fluid and filter;
- it improves suction pump action under working conditions reducing cavitation phenomenon;
- **translation_not_found**
- it reduces foam in fluid.

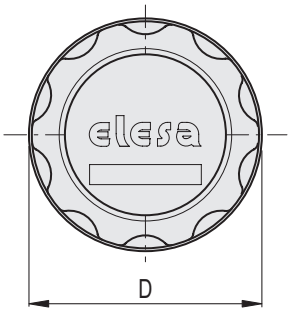
TECHNICAL DATA
Air flow rate for the different executions of breather caps can be obtained from the diagram on the basis of the difference of air pressure inside and outside the reservoir. Tests carried out without filtration basket.

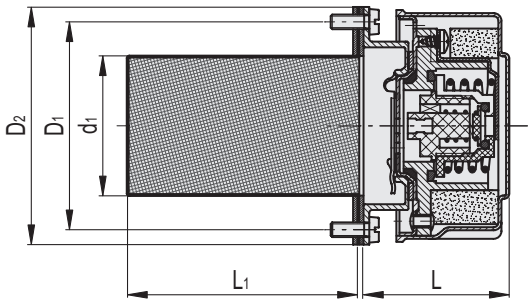
SPECIAL EXECUTIONS ON REQUEST
With dipstick for fluid level indication (max 80 mm).

Drilling template









Conversion Table *1 mm = 0.039 inch*	
D	
mm	**inch**
81	**3.16**

SMW-BA-F10-FRB+CM ▼ METRIC

Code	Description	D	D1	D2	L	L1	d1	⚖
156985	SMW.80-BA-F10-350MB-FRB+CM	81	72	83	55	80	49	445

SMW-BA-F40-FRB+CM ▼

Code	Description	D	D1	D2	L	L1	d1	⚖
156986	SMW.80-BA-F40-350MB-FRB+CM	81	72	83	55	80	49	445

SMW-BA-F10-FRB+C ▼ METRIC

Code	Description	D	D1	D2	L	L1	d1	⚖
156988	SMW.80-BA-F10-350MB-FRB+C	81	72	83	55	99	49	445

SMW-BA-F40-FRB+C ▼

Code	Description	D	D1	D2	L	L1	d1	⚖
156989	SMW.80-BA-F40-350MB-FRB+C	81	72	83	55	99	49	445