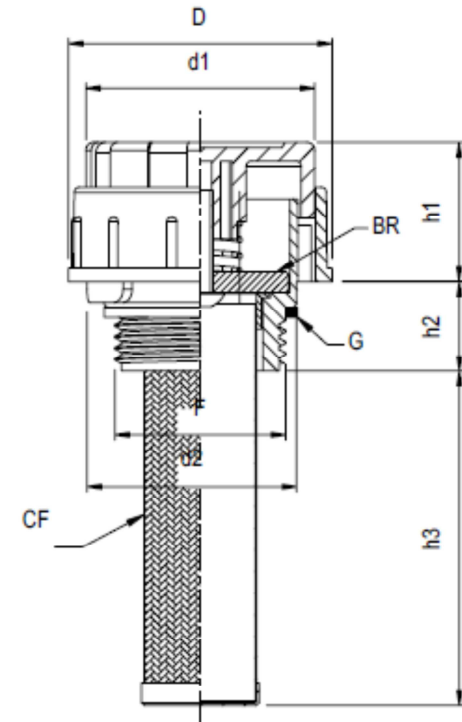


TMDF/1/BRC - FILLER BREATHERS with metal strainer



BR = Bronze filter
G = Flat NBR seal
CF = Metal strainer



-Filler Breathers constructed from thermoplastic resin (polyamide 66) designed for use on small and medium reservoir from 25 to 100 litres; they are equipped with bronze sintered air filter (filtration degree 30 microns) and with a zinc stainless steel filter strainer to protect the reservoir from dirt

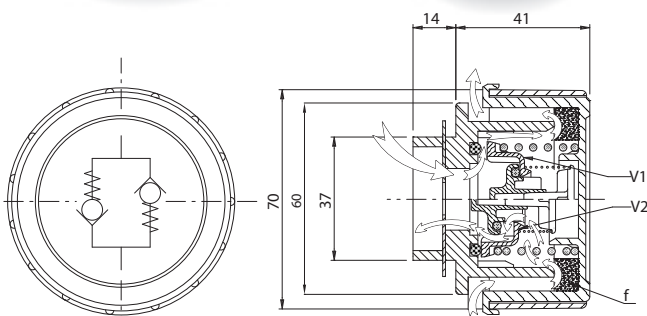
ingress (filtration degree 300 microns)

- Black cap with graphic symbol "fill oil"
- The thread connections is 1"BSP and filling is achieved by removing the top of the assembly

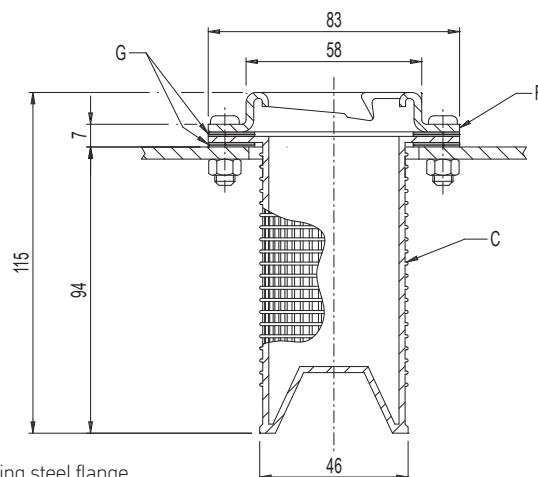
Code	F	D	d1	h1	h2	h3
TMDF/1/BRC	G 1"	52,5	45	27	17	65

TMDF/FC/70 - FILLER BREATHERS WITH FILTER , BAYONET AND STRAINER

TMDV/FC/DS70 - DOUBLE-VALVE PRESSURIZED FILLER BREATHERS WITH BAYONET AND STRAINER

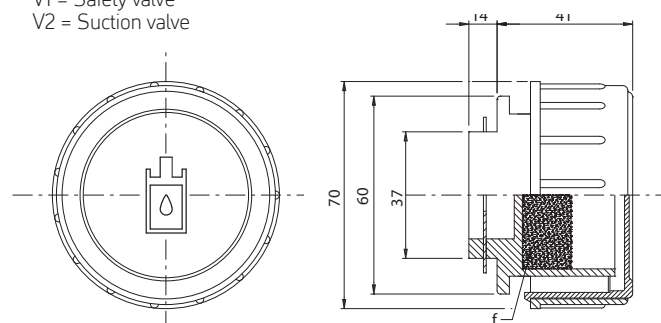


PRESSURIZED BREATHER



F = Fixing steel flange
C = Plastic strainer
G = Cork seal

f = Air filter
V1 = Safety valve
V2 = Suction valve



BREATHER WITH FILTER

- Round headed filler breather, with vertical ribs for better grip, bayonet connection, safety chain and zinc plated steel flange, with filtering basket

- Model TMDF/FC/70: Black body, red lid with graphic symbol "fill oil" symbol.

- Model TMDV/FC/DS70: Black body, black lid with "double-valve" graphic symbol

- Manufactured from Polyamide 66 ensuring high mechanical resistance at both low and higher temperatures (**max working temp. 100°C-212 F**); oil resistant seal NBR70 Shore.

- The polyurethane air filter is located under the lid, easy to remove clean and reinstall; filtration degree 40 micron.

- Strainer basket made from Polypropylene (PP) black colour. Resistant to oils, solvents and others chemical agents;

flat flange gasket made from cork.

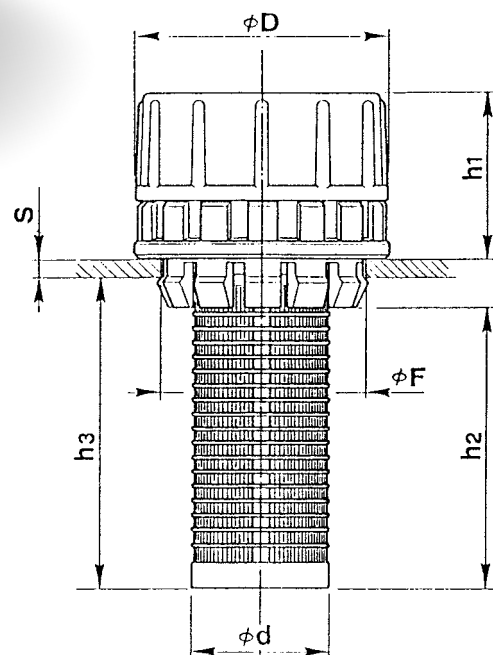
- Hardware included six zinc-plated steel screws for assembling.

- Inside the model **TMDV/FC/DS70** is fitted a plastic safety device with a double-valve system: set at 0.35 bar (± 0.05), suction valve set at around 0.05 bar; This model is used on hydraulic applications where the airflow needs to be controlled in both directions, externally when internal overpressure is created, internally when, decreasing the fluid level, a vacuum is created

- On the model **TMDV/FC/70** the airflow capacity at a pressure of 50 unbat (0.73 psi) is 250 liters/minute;

- The air filter protect the reservoir from dirt ingress and the safety valve protect from oil spillage in mobile or semi-mobile hydraulic applications

CTR/2 - FILLER BREATHER WITH STRAINER – TANK TOP MOUNT



- Filler breather for tank-top installation with strainer basket. Assembly contains 3 parts:

- **Breather cap**, with vertical ribs, for easy tightening.
- Breather cap is produced from Polyamide 66, with a built in Polyurethane 50 microns foam filter element.
- The cap is female threaded and threads onto the main body located in the tank top.
- Red lid available with standard inscription OIL or GASOIL, or without description
- A safety chain is available, on the CTR-2/C model, which connects the cap to the body.
- **Main body**: manufactured from technopolymer coloured

black. The inside locking ring has to be removed to insert the main body into a pre-drilled hole in the tank-top (Ø 55 mm. ± 0.3 mm).

Once inserted the inside locking ring has to be installed, and the external locking ring can be tightened.

Tanktop thickness should be min. 2 mm, max. 8 mm

- **Strainer basket** manufactured from Polypropilene colour black.

- Max operating temperature **80°C/176°F**, airflow capacity at a pressure of 50 mbar (0.73 psi) = 100 liters/minute

- Seal between tank-top and body : O-Ring 70 shore

Code	ØF	ØD	Ød	h1	h2	h3	S
CTR-2	55 mm	70	38	46,5	80	88	2-8 mm
CTR-2/C	55 mm	70	38	46,5	80	88	2-8 mm