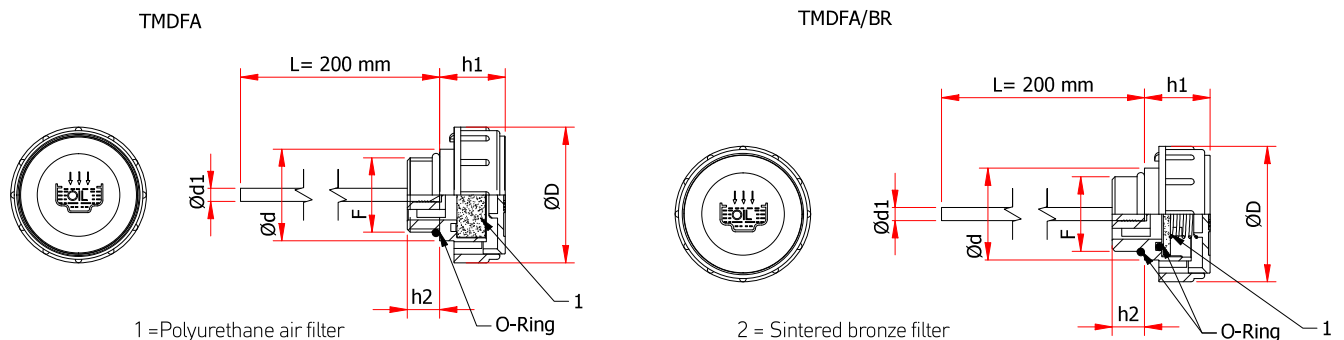


TMDA - FILLER BREATHERS WITH DIPSTICK

TMDFA - FILLER BREATHERS WITH DIPSTICK AND FILTER

TMDFA/BR - FILLER BREATHERS WITH DIPSTICK AND SINTERED BRONZE



-These filler breathers have the same characteristics as the model TMD-TMDF-TMDFA/BR, but they are equipped with a steel level dipstick with zinc phosphate surface.

-The standard dipstick is 200 mm in length, for orders that exceeds 250 pieces, the dipstick can be cut to custom length, and notches can be placed to indicate "MIN-MAX" oil level.

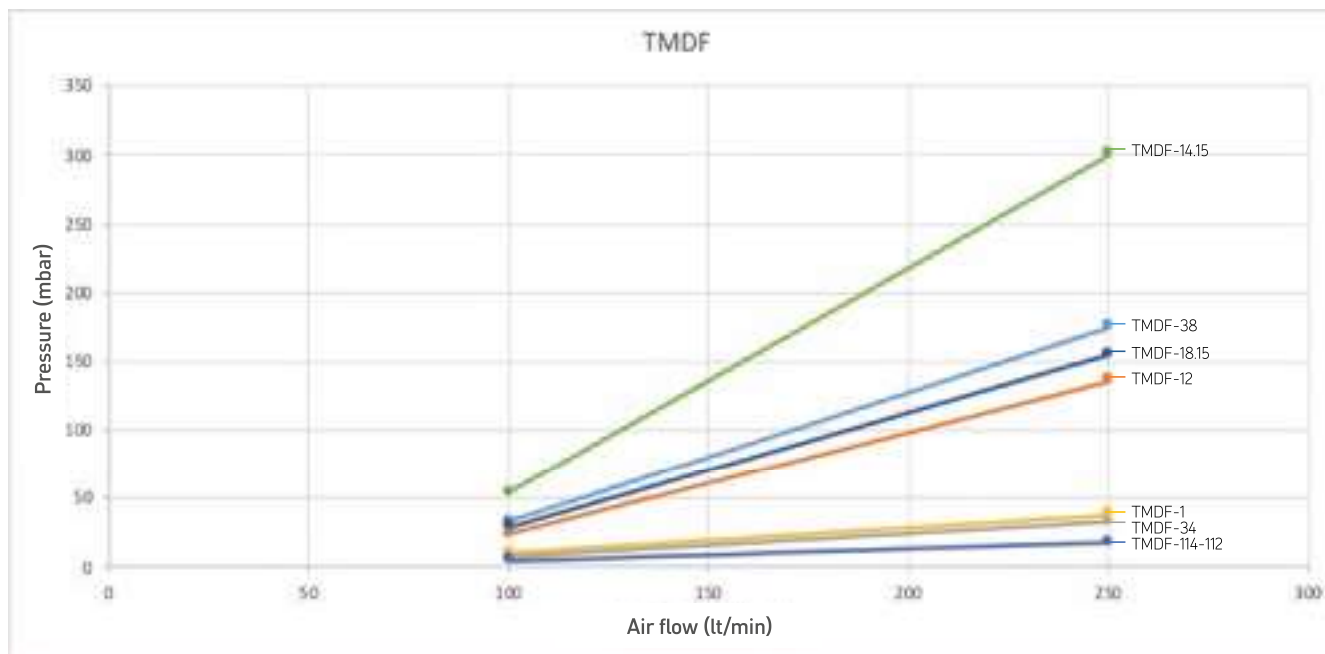
-**Airflow capacity:** see graphic page 43.

-**Special model FLEX:** a blade-style level dipstick can be provided upon request for adequate quantities;

-Zinc phosphated surface, laser inscriptions can also be provided upon request; the flexible dipstick is suitable for applications that require special shaped profile has to be followed.

-NPT threads available on 3/8" - 1/2" - 3/4" - 1".

Code	Code	Code	F	D	d	d1	h1	h2
TMDA/38	TMDFA/38	TMDFA/38/BR	G 3/8"	36	23	4	17	11
TMDA/12	TMDFA/12	TMDFA/12/BR	G 1/2"	41	28	4	18	12
TMDA/34	TMDFA/34	TMDFA/34/BR	G 3/4"	47	33	5	17	12
TMDA/1	TMDFA/1	TMDFA/1/BR	G 1"	52	38	5	20	12
TMDA/114	TMDFA/114	TMDFA/114/BR	G 1 1/4"	63	49	5	23	13
TMDA/112	TMDFA/112	TMDFA/112/BR	G 1 1/2"	63	55	5	23	13,5
TMDA/14.15	TMDFA/14.15	TMDFA/14.15/BR	M 14x1,5	41	28	4	21,5	12
TMDA/16.15	TMDFA/16.15	TMDFA/16.15/BR	M 16x1,5	36	23	4	17	11
TMDA/18.15	TMDFA/18.15	TMDFA/18.15/BR	M 18x1,5	41	28	4	17,5	12
TMDA/20.15	TMDFA/20.15	TMDFA/20.15/BR	M 20x1,5	41	28	4	17,5	12
TMDA/22.15	TMDFA/22.15	TMDFA/22.15/BR	M 22x1,5	41	28	4	17,5	12



- Round headed filler breathers, with vertical ribs for better grip, threaded connection.

- Standard production: black with red lid complete with graphic fill symbol and the text "OIL"; the models 114-112 have an option for a yellow lid, available with text "DIESEL" upon request.

- On request, for larger quantities the lid can be neutral or equipped with company logo.

- Manufactured from Polyamide 66 ensuring high mechanical resistance at both low and high temperatures (**-30°C / -22°F 100°C/212 °F**); oil resistant O-Ring seal 70 Shore durometer.

- The polyurethane air filter is located under the lid, easy to remove, clean and reinstall.

- These filler breathers allow air passage at high volume, through the vents located on the bottom of the head; they are recommended to be used in systems where frequent oil level changes take place in short amount of time, allowing the air to enter and leave the system, without any unwanted air pressure increase or decrease.

- Airflow capacity** in liters/minute: see graphic.

- In the kind of applications where the vent hole is subjected to strong oil splashes, especially during the starting of the machine when the oil is still thick, we suggest to utilize the model **TMDF/BR** with air filter element in **sintered bronze filter** (30 microns filtration degree). This allow the air to flow but stops fluid overflowing due to the bronze filter being not absorbent.

- NPT thread available on 1/4" - 3/8" - 1/2" - 3/4" - 1".