

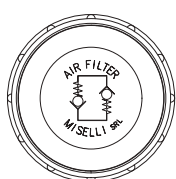
TMDV/DS - PRESSURIZED FILLER BREATHER WITH FILTER

TMDAV/DS - PRESSURIZED FILLER BREATHER WITH FILTER AND DIPSTICK

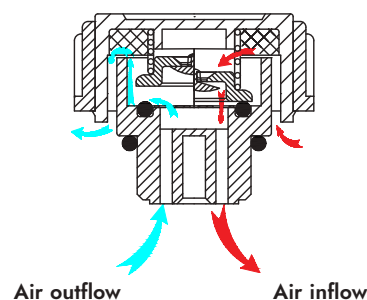
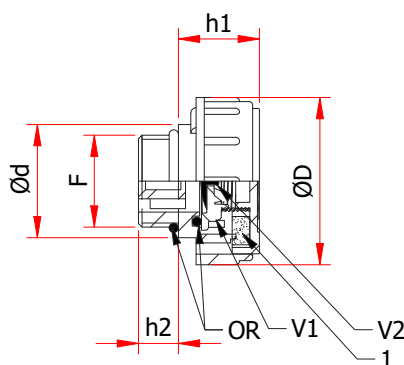


TMDAV-DS

TMDV-DS



V1 = Safety valve
V2 = Suction valve



1 = Air filter

Threaded filler breather, cylindrical head, with easy grip vertical ribs, ensuring high mechanical resistance at both low and high temperatures, dimensional stability and shocks resistance. This model is used on hydraulic applications where the airflow needs to be controlled in both directions, externally when internal overpressure is created and internally when, decreasing the fluid level and the vacuum is created.

Material: Polyamide PA66.

Sealing: O-ring NBR 70 Shore.

Maximum working temperature: 100°C/212°F.

Filter: polyurethane foam filter element prevents contaminations from the ambient atmosphere polluting the oil.

Double valve: check valve is set around at 0.30 bar/4.3 PSI and the suction valve is set around at 8 mbar /0.12 PSI.

Level dipstick: cylindrical section with zinc steel phosphated surface, standard length 200 mm.

Airflow capacity: up to 750 Liters/min (see data and graphic p. 47).

Special versions

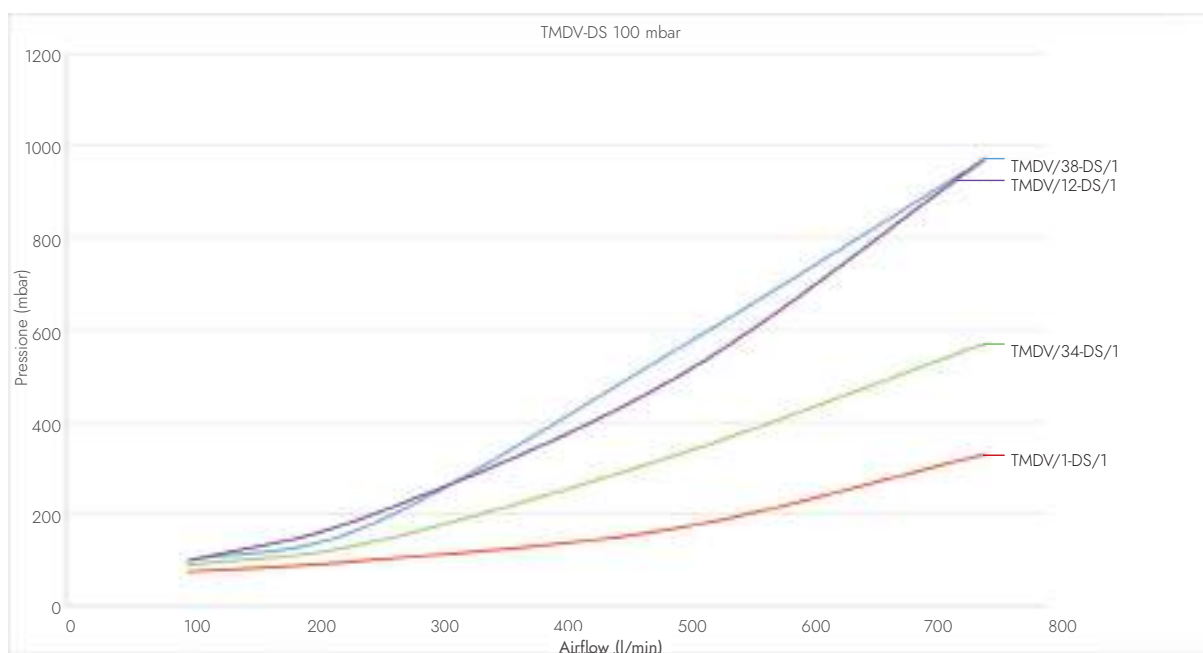
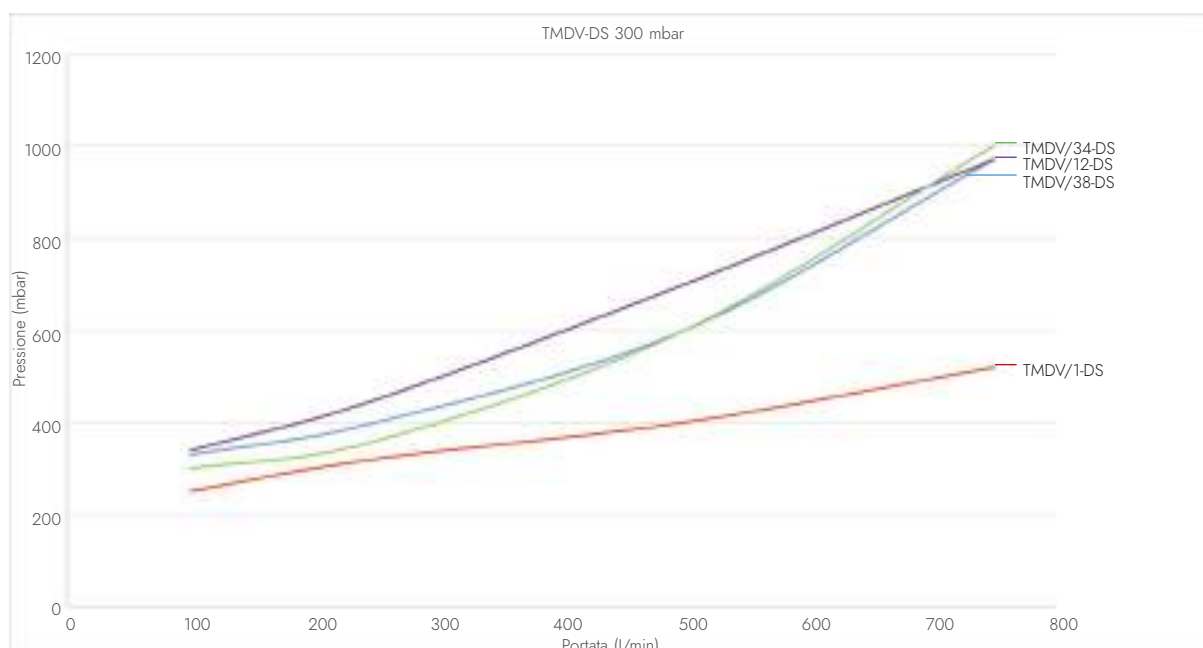
Level dipstick: customizable length, with MIN-MAX notches.

Check valve: set around at 0.10 bar/1.5 PSI

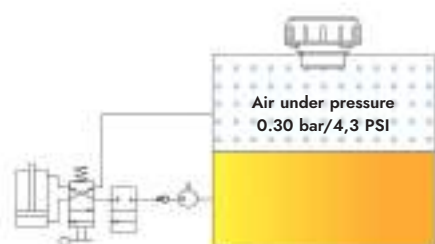
Methrical threads: M14, M16, M18, M20 e M22X1.5.

All models are also available wit NPT thread

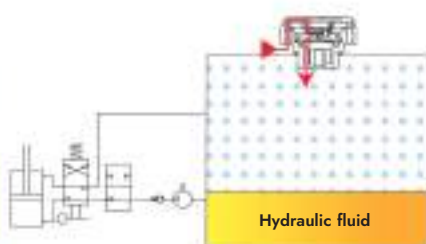
	Cod.	F	D	d	h1	h2	Pack.
TMDV/38-DS	TMDAV/38-DS	3/8	41	28	21	11	100
TMDV/12-DS	TMDAV/12-DS	1/2	41	28	22	12	100
TMDV/34-DS	TMDAV/34-DS	3/4	47	33	22	12	50
TMDV/1-DS	TMDAV/1-DS	1	52	38	25	12	50



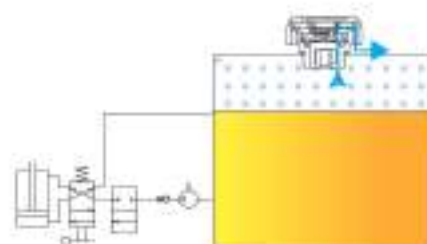
OPERATING DIAGRAM OF THE TMDV-DS BREATHER CAP IN A HYDRAULIC CIRCUIT



Standard operating conditions



When a depression higher than 8mbar/0.12 PSI is created inside the tank, an air flow enters through the suction valve



When an overpressure higher than 0.30 bar/4.3 PSI (or 0.10 bar/1.5 PSI) is created inside the tank, the air flow exits through the safety valve