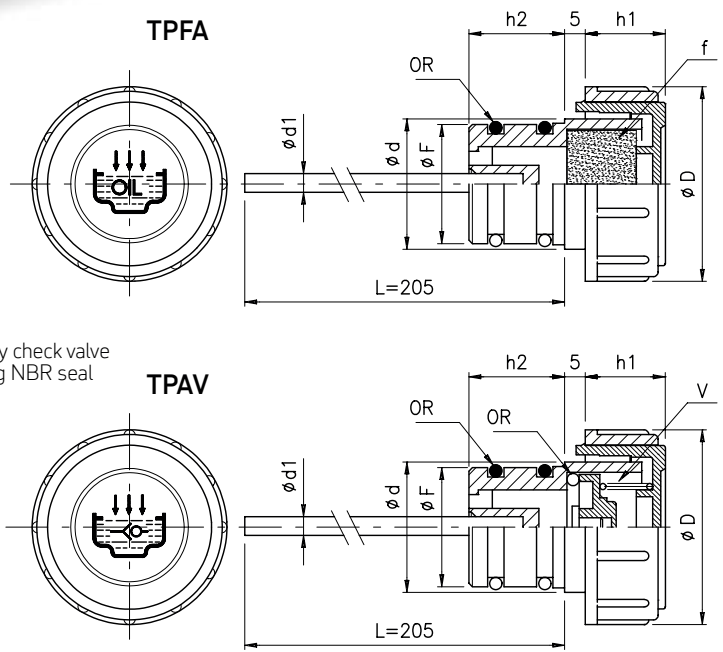


TPA - PRESS-FIT FILLER BREATHERS WITH DIPSTICK
TPFA - PRESS-FIT FILLER BREATHERS WITH DIPSTICK
TPAV - PRESS-FIT FILLER BREATHERS WITH VENT VALVE



f = Air filter
V = One-way check valve
OR = O-Ring NBR seal

- Press-fit filler breathers with level dipstick, with easy grip vertical ribs, they fit snugly into a pre-drilled hole and seal by means of two O-Rings seals located on the stem; hole tolerances -0 +0,1 mm.

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

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

- Standard colour is black, red lid, with encased the graphic "fill" symbol and the text "OIL" (TPA-TPFA model), the TPAV model is additionally encased with the "vent valve" graphic symbol.

- The filler breathers model TPA-TPFA have a large

breathing capacity and are suggested where a high volume of airflow takes place, for example hydraulic systems that utilize high ratio hydraulic cylinders; not recommended for usage on mobile equipment, where strong movement of the oil tank is present.

- The model TPAV is equipped with a one-way vent valve, which opens when an overpressure of 0.20-0.25 bar takes place in the tank; under normal conditions of working this valve remains closed.

- The standard dipstick (zinc phosphate surface) version is 205 mm in length, measured from the surface that contacts the reservoir.

- On orders over than 250 pieces, the dipstick can be cut to a custom length and provided with "MIN-MAX" notches.

plugs, breathers and dipsticks

Code	F	D	d	d1	h1	h2
TPA-18 TPFA-18 TPAV-18	18	36	23	4	17	20
TPA-20 TPFA-20 TPAV-20	20	36	24	4	17	19
TPA-26 TPFA-26 TPAV-26	26	41	28	4	17	21
TPA-30 TPFA-30	30	47	33	5	17	21