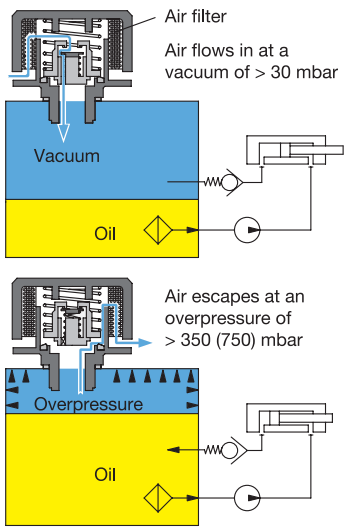
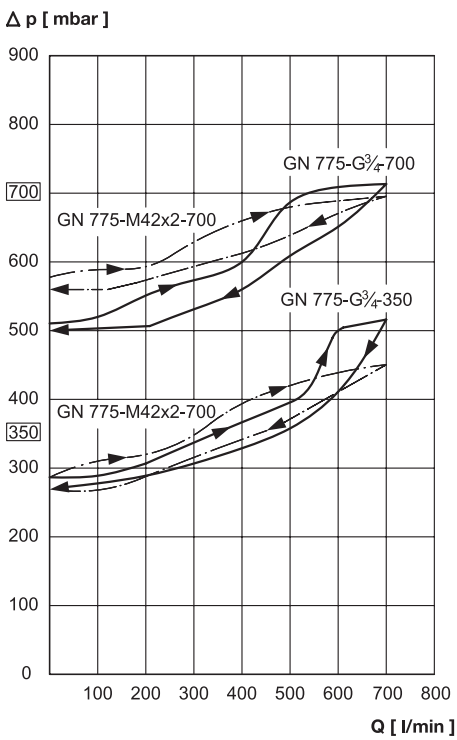



Pressure curve Δp [mbar] in the container as factor of the air flow rate [l/min.] at a valve opening pressure of 350 or 700 mbar.

## Description of function

Breather caps GN 775 with double valve are normally used if the oil container is under pressure and if outside air has to flow back in to compensate for the vacuum caused by falling oil level.

This is achieved by combining two valves (non-return / bypass valve). The inlet valve opens at a vacuum of 30 mbar or greater. The second valves opens at an overpressure > 350 / 700 mbar.

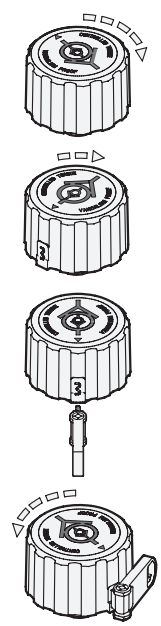
The air filter prevents the oil from being polluted from the outside (dust). The filter is made of PU foam with a filtration of 40 µm.

The overpressure inside the container ensures that the air volume flowing in or escaping owing to fluctuations of the oil level is kept to a minimum. This reduces filter fouling and substantially increases the useful filter life, especially in a dusty environment.

Also, a container under pressure has a positive effect on the function of the pump and prevents foaming.

The valve seal ensures that no oil will leak even if the oil is heavily agitated or during transport.

## Assembly instruction



When **turning in the cap,** a latching mechanism ensures that the specified torque is not exceeded. It is set for optimum sealing effect. Turning out the cap without a key is no longer possible.

**Caution:**

**When turning in the cap, the key must not be inserted.**

For **turning out the cap**, turn the cap clockwise to the stop (latching mechanism). Insert the key into the recess in this position. This will connect the screw-in thread and the cap, allowing the breather cap to be removed.

The key is designed such that, when inserted, it can be clipped to the cap.