elesa
Original design SFC.

Ventilation / open position

Closed position

Internal hex A/F 8
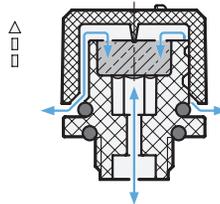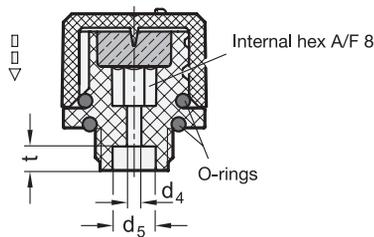
O-rings

d₁	d₂	d₃	d₄	d₅	l₁	l₂	t
30	G ⅜	29	3	9	9	33	5

Specification

- Plastic
  - Temperature resistant up to 80 °C
  - Black, matte finish
  - Upper part (Cap)
    Polyamide (PA)
  - Lower part (Threaded part)
    Polyacetal (POM)
- O-rings
  Rubber NBR (Perbunan®)
- Air filter PU-foam (Polyurethane)
  Filtration 10 µm
- *Elastomer Characteristics → Page 2158*
- *Plastic Characteristics → Page 2158*
- RoHS

Information

Breather caps GN 556 are used when the ventilation / breathing function is temporarily not required or desired, for instance during transport.

In their sealing position, the two O-rings prevent liquids and gases from leaking.

As shown in the diagram opposite, air throughput is permitted in the ventilation / breathing position.

| How to order		1	d₁
GN 556-30- G⅜		2	d₂

Assembly instruction
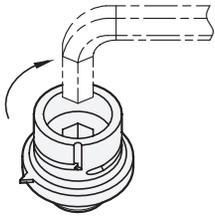
Screw in lower part using an Allen® wrench.
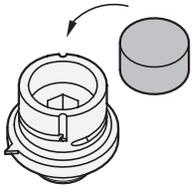
Insert filter.
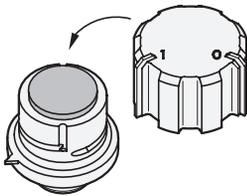
Place upper part on top. The knobs on the upper part and the appropriate recesses in the lower part serve to assemble the unit in the proper and accurate position.
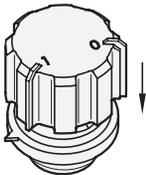
Ventilation / breather position: Turn upper part clockwise (CLOSE arrow) up to the first latch position. Marker 1 is located above the reference pointer. The latching mechanisms prevents the upper part from inadvertently working loose.
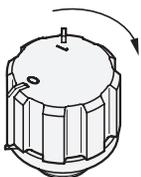
Close position:
Continue to turn the upper part clockwise (CLOSE arrow) until marker 0 is located above the reference pointer. The latching mechanism prevents the upper part from working loose also in this position.
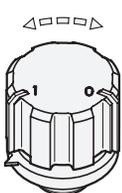
To return to the ventilation / breathing position or for changing the filter of for dismantling, turn the upper part anti-clockwise as shown by the OPEN arrow.

Q [l/min]
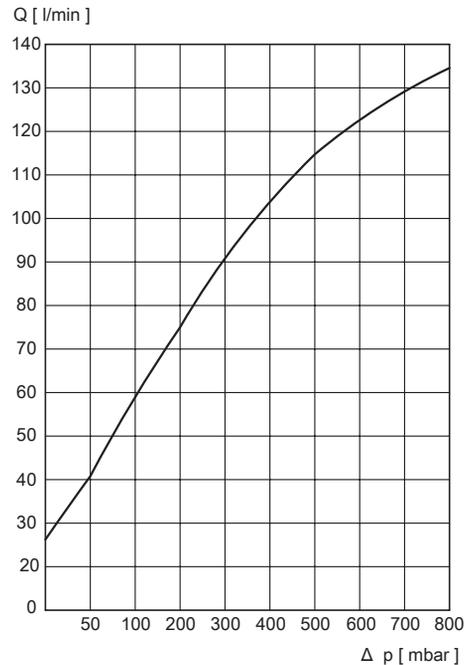
Air flow rate [l/min.] is a factor of the pressure difference [l/min.] between container and ambient air.

Δ p [mbar]