



**elesa**  
Original design SFW-P. / SFW-P+a

**3 Type**

- A Without dipstick
- B With dipstick

<b>1</b> d <sub>1</sub>	<b>2</b> d <sub>2</sub>		Opening pressure in mbar	d <sub>3</sub>	d <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>
42	-	M 16 x 1,5	350	11,5	40	11,5	36	194
42	G 3/8	-	350	13	40	11,5	36	194
42	G 1/2	M 20 x 1,5	350	15	40	11,5	36	194
42	G 3/4	-	350	21	40	11,5	36	194
57	G 3/4	-	350	19	56	13	47,5	190
57	G 1	-	350	26,5	56	13	47,5	190
70	G 3/4	-	350	20,5	68,5	16	59	190
70	G 1	-	350	26,5	68,5	17	59	191
70	G 1 1/4	M 42 x 2	350	33,5	68,5	17	59	191
70	G 1 1/2	-	350	40,5	68,5	17	59	191
70	G 2	-	350	51	68,5	17	59	191

**Specification**

**Housing**

- Plastic, polyamide (PA)
- Upper part (cap)  
Orange, RAL 2004, matte finish
- Lower part (threaded part)  
Black, matte finish

**Seal**

Acrylonitrile butadiene rubber (NBR)

**Air filter**

Polyester  
Filtration 10 µm

**Dipstick for type B**

Steel, phosphate-treated

**Operating temperature** -30 °C to +100 °C

RoHS

Breather caps GN 774.2 are used when ventilation should only take place once the pressure exceeds or falls below a certain opening pressure. Further details on function and application criteria can be found in the operation description.

Breather caps can be fastened by means of a thread or combined with a filter strainer (GN 664 or GN 664.1). Line markings for monitoring the fill level can be easily applied to the dipstick surface.

see also...

	Page
<b>GN 775</b> Breather Caps (Vandalism Proof, with Filter / Double Valve)	ganternorm.com
<b>GN 764</b> Breather Caps (with Filter / Double Valve)	ganternorm.com

**Technical Information**

Operation Description	2
Level Markings / Special Lengths GN 109 (can be ordered as an option)	2328
Plastic Characteristics	2414

**Accessory**

<b>GN 664</b> Filler Strainers (for Vertical Installation)	1627
<b>GN 664.1</b> Filler Strainers (for Side Mounting)	ganternorm.com

**How to order**

**GN 774.2-70-G3/4-A**

<b>1</b> d <sub>1</sub>	
<b>2</b> d <sub>2</sub>	
<b>3</b> Type	

### Description of Function

Breather caps GN 774.2 feature a double valve and are used for venting vessels, such as hydraulic tanks. The valve limits the overpressure inside the vessel by releasing air whenever the pressure value specified in the table is exceeded. Conversely, the valve allows air to enter into the vessel once an underpressure of -30 mbar is reached, preventing the formation of a vacuum. The respective flow rate depends on the pressure difference and can be read from the diagram.

The integrated air filter prevents dust and dirt from entering the vessel. With fluctuating liquid levels, the overpressure reduces the air exchange, resulting in reduced filter contamination, especially in dusty environments.

The pressurized air pocket above the liquid counteracts foam formation. The valve seal ensures that no liquid escapes, such as due to vigorous movements or during transport.

