



Metric



elesa

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

3 Type

- A Without dipstick
- B With dipstick

Metric table

1		2		Dimensions in: millimeters / inches				
d ₁	d ₂		Opening pressure in mbar	d ₃	d ₄	l ₁	l ₂	l ₃
42 1.65	-	M 16 x 1.5	350	11.5 0.45	40 1.57	11.5 0.45	36 1.42	194 7.64
42 1.65	G 3/8	-	350	13 0.51	40 1.57	11.5 0.45	36 1.42	194 7.64
42 1.65	G 1/2	M 20 x 1.5	350	15 0.59	40 1.57	11.5 0.45	36 1.42	194 7.64
42 1.65	G 3/4	-	350	21 0.83	40 1.57	11.5 0.45	36 1.42	194 7.64
57 2.24	G 3/4	-	350	19 0.75	56 2.20	13 0.51	47.5 1.87	190 7.48
57 2.24	G 1	-	350	26.5 1.04	56 2.20	13 0.51	47.5 1.87	190 7.48
70 2.76	G 3/4	-	350	20.5 0.81	68.5 2.70	16 0.63	59 2.32	190 7.48
70 2.76	G 1	-	350	26.5 1.04	68.5 2.70	17 0.67	59 2.32	191 7.52
70 2.76	G 1 1/4	M 42 x 2	350	33.5 1.32	68.5 2.70	17 0.67	59 2.32	191 7.52
70 2.76	G 1 1/2	-	350	40.5 1.59	68.5 2.70	17 0.67	59 2.32	191 7.52
70 2.76	G 2	-	350	51 2.01	68.5 2.70	17 0.67	59 2.32	191 7.52

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

-22 °F to 212 °F (-30 °C to +100 °C)

RoHS

Breather valve caps EN 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 Functional Description.

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

see also...

	Page
EN 775 Safety Breather Valve Caps (Vandalism Proof, with Filter / Double Valve)	QVX
EN 764 Breather Valve Caps (with Filter / Double Valve)	QVX

Technical Information

Functional Description	QVX
Fluid Level Markings / Special Lengths GN 109	QVX
Plastic Characteristics	QVX

Accessory

EN 664 Filler Strainers (Vertical Installation)	QVX
EN 664.1 Filler Strainers (Side Installation)	QVX

How to order

EN 774.2-70-G3/4-A

- 1 Diameter d₁
- 2 Thread d₂
- 3 Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10



Description of Function

Breather valve caps EN 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.

