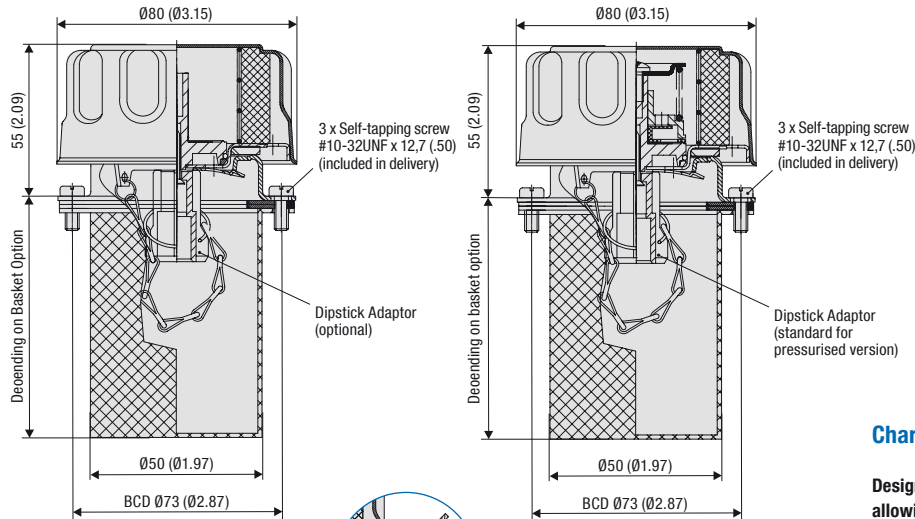
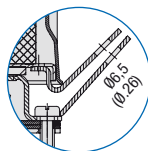


Metal Filler Breather - Type SMBB-80 (Bayonet Version)



Without Pressurisation

Pressurised


Locking Feature

(Recommended mounting space: 126 mm / 4.96 in)



Characteristics

Designed to be used as filler ports for hydraulic reservoirs, allowing the reservoir to breathe whilst protecting it from contamination found in harsh environments

Features

- Cap diameter of 80 mm / 3.15 in
- Bayonet flange made of Steel, zinc-plated interfaces similar to DIN 24557, part 2

Materials

- Breather cap made of Steel, chrome-plated (standard option); zinc/nickel-plated (Fe/Zn Ni 6; free of hexavalent chromium CrVI) and epoxy-coated versions available
- Bayonet flange made of Steel, zinc-plated
- Basket made of Steel, zinc-plated or Polyamide (PA)
- Dipstick adaptor made of Polyamide (PA)
- Sealings made of Cork (for filler breathers without pressurisation) or NBR (Buna-N®) (for pressurised filler breathers)

Consult STAUFF for alternative materials.

Accessories / Options

- Metal or plastic basket (800 µm)
- Pressurisation up to 0,7 bar / 10 PSI
- Air filter element
- Locking feature
- Dipstick adaptor (suitable for plastic dipstick DS-1)
- Plastic dipstick with integrated anti-splash feature

Maximum Air Flow Rate

- 0,45 m³/min / 15.89 cfm

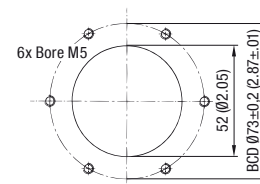
Consult STAUFF for detailed air flow curves.

Oil Displacement

- 450 l/min / 119 US GPM

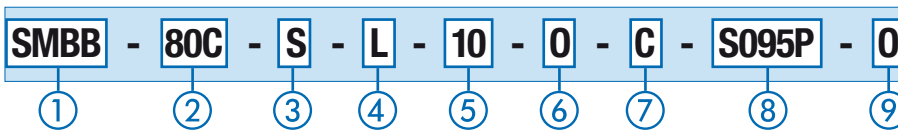
Installation

- Six-hole bolt pattern for flange interfaces similar to DIN 24557, part 2:



- 6 self-tapping screws #10-32UNF x 12,7 (.50) are included in delivery; can be replaced by regular M5 bolts, if required

Order Codes



① Type / Version

Metal Filler Breather; Bayonet version **SMBB**

② Cap Diameter / Material / Surface Finishing

Cap diameter 80 mm (3.15 in); Breather cap made of Steel, chrome-plated (standard option) **80C**
 Cap diameter 80 mm (3.15 in); Breather cap made of Steel, zinc/nickel-plated **80**
 Cap diameter 80 mm (3.15 in); Breather cap made of Steel, epoxy-coated **80E**

③ Label

With STAUFF logo (standard option) **S**
 Neutral design without any logo **N**

④ Locking Feature

Without locking feature (standard option) **O**
 With locking feature (see drawing above) **L**

⑤ Air Filter Element (Material / Micron Rating)

Without air filter element **00**
 3 µm Filter Paper **03**
 10 µm Foam / PUR (standard option) **10**
 40 µm Foam / PUR **40**

Consult STAUFF for alternative materials / micron ratings.

⑥ Pressurisation

Without pressurisation (standard option) **O**
 Pressurised at 0,35 bar / 5 PSI **P2**
 Pressurised at 0,7 bar / 10 PSI **P3**

⑦ Sealing Material

Cork (for filler breathers without pressurisation) **C**
 NBR (Buna-N®) (for pressurised filler breathers) **B**

⑧ Basket Option

Without basket **O**
 Plastic basket (95 mm / 3.74 in) (standard option) **S095P**
 Metal basket (80 mm / 3.15 in) **S080**
 Metal basket (100 mm / 3.94 in) **S100**
 Metal basket (150 mm / 5.91 in) **S150**
 Metal basket (200 mm / 7.87 in) **S200**
 Heavy duty metal basket (200 mm / 7.87 in) **S200HD**

⑨ Dipstick

Without dipstick (standard option) **O**
 Dipstick adaptor (suitable for dipstick DS-1) **A**
 With dipstick adaptor and plastic dipstick DS-1 (300 mm / 11.81 in) with integrated anti-splash feature **D300**

A shorter dipstick length can be achieved by simply cutting down the total length according to individual requirements.

Please note: The dipstick adaptor is required for the subsequent installation of plastic dipsticks DS-1 (see page E14 for details), and is content of delivery when ordering a pressurised version.