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# Top-mounted Breathers and Filler Breathers - AB Series

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Part # BS.340173



The Parker AB Series comprises a broad range of top-mounted breathers and filler breathers. The filler breathers protect hydraulic systems from airborne particle ingress, while allowing sufficient airflow into and out of the fluid reservoir.

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## Technical Specifications

Micron Rating:	40 µm	Housing Material:	Plated mild steel
Product Type:	Breather	Seal Material:	No seal
Installation:	-	Strainer Type:	Without strainer
Flow Rate:	430 l/min	Pressure Relief Valve Type:	Un-pressurised
Features:	Cap only without chain	Connection Type:	-
Outside Diameter:	76 mm	Includes:	Cap only without chain

[Safety Warning](#)

## Item Information

Ingress of airborne contaminants into hydraulic systems can cause a number of costly issues, including increased wear on pumps and cylinders, decreased performance, shorter maintenance intervals, and added downtime.

The Parker AB Series comprises a full range of top-mounted breathers and filler breathers designed to prevent this by keeping out harmful contaminants and allowing the tank / fluid reservoir to effectively breath during equipment operation. Multiple configurations are available to meet the unique requirements of customers' hydraulic systems, including:

**Filler Breathers** - Glass-filled nylon or plated metal steel. Multiple installation available including single hole, three hole, or six hole installation. Flow rates up to 620 L/min (163 GMP).

**Screw-on type Breathers** - Glass-filled nylon or plated metal steel. Multiple connection types available. Flow rates up to 620 L/min (163 GPM). Dipsticks available with all options (two lengths and in packs of 10).

**Lockable Fillers and Filler Breathers (metal)** - Pressurized and unpressurized threaded types available. For added reservoir security and oil protection, certain metal filler breathers can be specified with a locking lug option.

AB Series breathers and filler breathers are ideally suited for equipment required to operate in environments laden with dirt and dust.



- Prevents contamination and ingress of dirt, sand, dust, metal, etc. into hydraulic circuits, while allowing sufficient airflow into and out of the fluid reservoir

- Lengthens time in between required maintenance intervals, reduces operating costs, and extends overall equipment/machine operational life

**Features:**

- Molded in non-corrodible, glass-filled nylon – strong and light
- Filler breathers available with single hole, six hole, and three hole installation

**Industries**

- Screw on breather range – G1/2 and G3/4 options

**Services**

- Compact range – G1/4, G3/8, R1/2 and R3/4 options

**Solutions**

- Flange mounting type options
- Various options for reservoir security and oil protection

**Where to Buy:** For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

**CAD Drawings + Files****Related Documents**

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