

Breather filter

RE 51413/02.09
Replaces: 08.08

1/6

Types FEF 0, FEF 1; BFS 7..., BFS 20...

Nominal size: 0 and 1; 7 and 20
Connections up to DN 55
Operating temperature -20 °C to +100 °C



H7625

Table of contents

| Content | Page |
|--|------|
| Application | 1 |
| Design, maintenance intervals, and spare parts | 2 |
| Unit dimensions | 3, 4 |
| Ordering details | 3, 4 |
| Characteristic curves | 5 |

Application

- Filtration and dehumidification of the intake air of industrial systems.
- Avoidance of initial damage in pumps and bearings and system components.

Design

FEF 0, FEF 1:

Combination of flange-on filling filter (screen basket 500 µm) and cap removable via bayonet lock as breather with internal filter element 40 µm. The filter element must be exchanged together with the cap. The breather cap is secured against loss by means of a chain.

Materials as per spare parts list.

BFS 7..., BFS 20...:

Compact housing for ventilation with pleated filter element of paper.

Materials as per spare parts list.

Maintenance intervals

| Fields of application of the filter | Environmental conditions average dust content | Maintenance interval |
|-------------------------------------|--|----------------------|
| General mechanical engineering | 9...25 mg/m ³ | 4,000 h |
| Heavy industry | 50...80 mg/m ³ | 3,000 h |
| Mobile hydraulics | 30...100 mg/m ³ | 3,000 h |

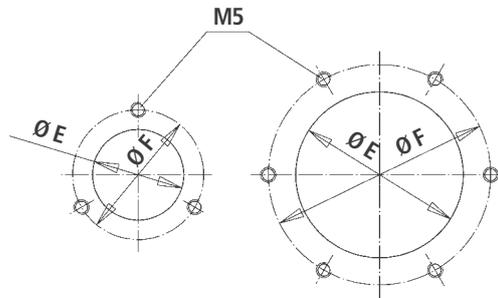
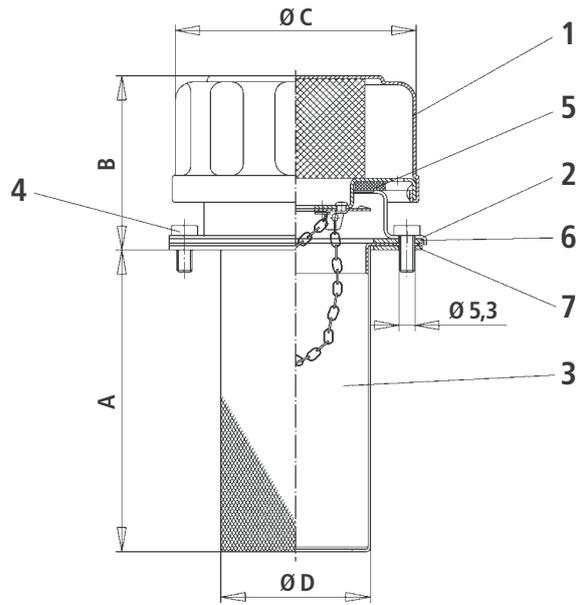
Spare parts list

| Size | | | | FEF 1 | FEF 0 |
|------|-------|-----------------------|----------|--|-------|
| Part | Piece | Description | Material | | |
| 1 | 1 | Cover | various | Indicate the ordering information "Filter" | — |
| 2 | 1 | Flange | Steel | | |
| 3 | 1 | Filling screen | Steel | | |
| 4 | 6 | Socket head cap screw | 5 | Part No. 5770 | |
| 5 | 1 | Seal | NBR | Indicate the ordering information "Filter" | |
| 6 | 1 | Seal | Fiber | | |
| 7 | 1 | Seal | Fiber | | |

All part nos. BRFS.specific.

| Size | | | | BFS 7 | BFS 20 |
|------|-------|-------------|----------|--|--------|
| Part | Piece | Description | Material | | |
| 10 | 1 | Seal | Fiber | Indicate the ordering information "Filter" | |

Unit dimensions FEF 0 and FEF 1 (dimensions in mm)



Hole pattern FEF 0 Hole pattern FEF 1
lockable upon request

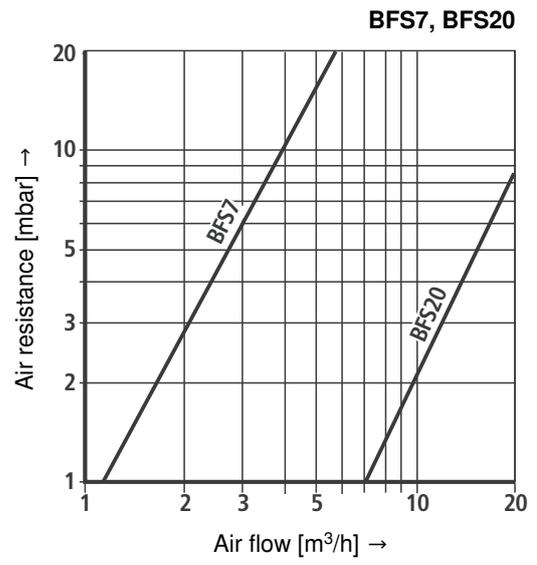
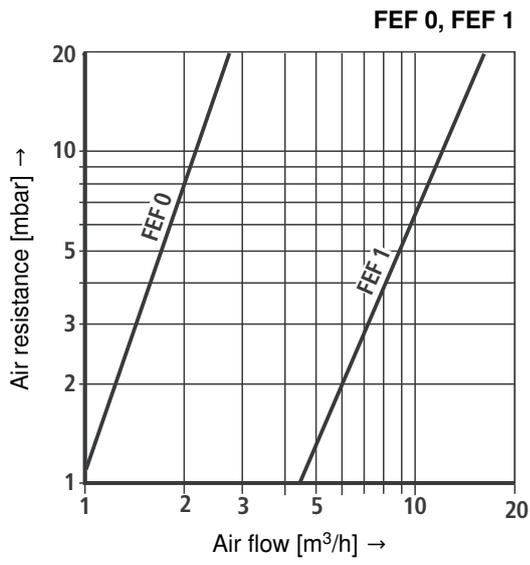
| | FEF 0 | FEF 1 |
|------------|-------|-------|
| A | 64 | 98 |
| B | 38 | 58 |
| Ø C | 48 | 81 |
| Ø D | 27 | 49 |
| Ø E | 30 | 55 |
| Ø F | 41 | 73 |

Ordering details FEF 0 and FEF 1

| FEF | | F | | 0 | | 0 | |
|--|-------|-----|---------|---|--|-----|---|
| Design Filling and breather filter | = FEF | | | | | | Complementary details without |
| Nom. size | | = 0 | | | | 0 = | Material Standard |
| | | = 1 | | | | 0 = | Seal Fiber (series) |
| Filtration rating in µm nominal Paper, non-cleanable P10, P25 | | | = P... | | | F = | |
| absolute (ISO 16889) Micro glass, non-cleanable H10XL | | | = H10XL | | | | |

Ordering example:
FEF 0 P10-F00

Characteristic curves (measured at test temperature = 20 °C, filter material P10)



Notes

Bosch Rexroth Filtration Systems GmbH
Hardtwaldstraße 43, 68775 Ketsch, Germany
POB 1120, 68768 Ketsch, Germany
Phone +49 (0) 62 02 / 6 03-0
Fax +49 (0) 62 02 / 6 03-1 99
brfs-support@boschrexroth.de
www.eppensteiner.de

© This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth AG. It may not be reproduced or given to third parties without its consent. The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.