



OffLine Filter BiDirectional OLFBD

Description

The OffLine Filter OLFBD is a small, stationary filter without motor-pump unit designed for fine filtration of hydraulic and lubrication fluids, and for the removal of free water from the system.

The flow is controlled via an orifice in the filter element.

The direction of flow through the filter element can be as required (from inside to outside or vice versa).

Applications

- Hydraulic and lubrication systems in industry
- Mobile hydraulics

Special Features

- Improved service life of component and system filter
- Direction of flow through the filter element can be selected (from inside to outside or vice versa)
- Offline flow is drawn from the cooling-filtration circuit
- The extracted volume is restricted by an orifice in the filter element (no parts are moved mechanically)
- Flow rate max. 5 l/min, others on request

Technical specifications

Flow	maximum 5 l/min
Operating pressure	25 bar / 362 psi
Pressure at inlet (IN)	maximum 25 bar / 362 psi
Pressure at outlet (OUT)	maximum 20 bar / 290 psi
Operating temperature range	-10 to 80 °C / 14 to 176 °F
Storage temperature range	5 to 40 °C / 41 to 104 °F
Filter housing material	EN AW-6060 / Al MgSi
Seal material	NBR / FKM (FPM, VITON®)
Filter housing volume	1 litre
Filter element type	1x EBD xx EA xxx - x - x
Weight when empty	~ 3.5 kg

Type code - Filter housing (without filter element)

OLFBD - 20 - A - N - Z

Filter type

OffLine Filter BiDirectional

Size

20 = 20

Hydraulic connection

A = G ¼ according to ISO 228

Seal material

N = NBR

F = FKM (FPM, VITON®)

Type of clogging indicator

Z = without port, no clogging indicator

Type code - Filter element

EBD - 20 - EA - 005 - N - 4

Filter element type

EBD

Size

20 = 20

Filter material

EA = Standard

Filtration rating

005 = 5 µm (others on request)

Seal material

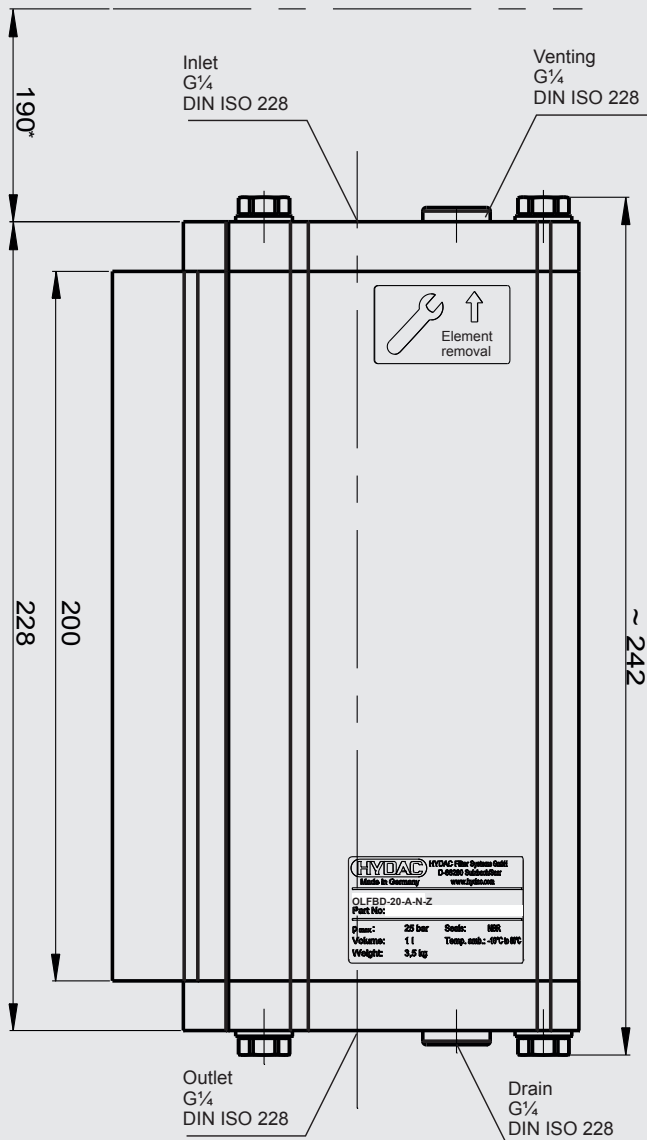
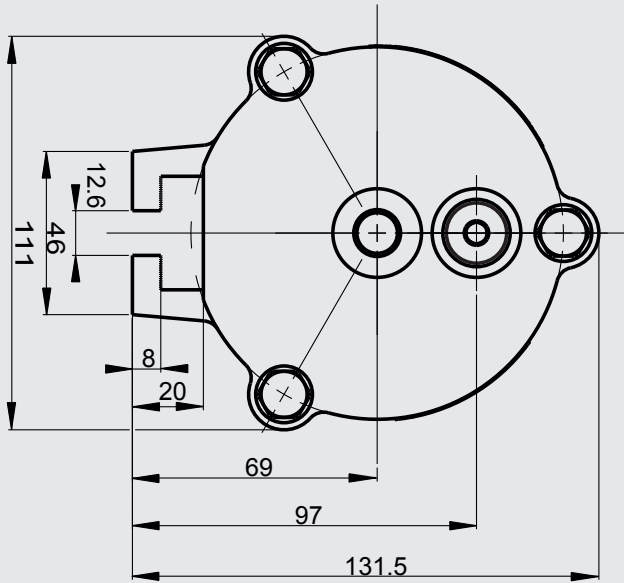
N = NBR

F = FKM (FPM, VITON®)

Orifice

4 = standard (others on request)

Dimensions



Items supplied

1x OLFBD
(filter housing without filter element)
1x operating and maintenance manual

Note

The information in this brochure relates to the operating conditions and applications described.

For applications and operating conditions not described, please contact the proper HYDAC department.

Subject to technical modifications.

HYDAC FILTER SYSTEMS GMBH

Industriegebiet

D-66280 Sulzbach / Saar

Tel.: +49 (0) 6897/509-01

Fax: +49 (0) 6897/509-9046

Internet: www.hydac.com

E-Mail: filtersystems@hydac.com