



Filter Pump Transfer Unit OFU

Description

The Filter Pump Transfer Unit OFU is a mobile oil service unit and is used to filter oil when filling systems and when transferring hydraulic and lubricating fluids.

Applications

- Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Easy operation
- Greater system availability
- Reduction in Life Cycle Cost LCC

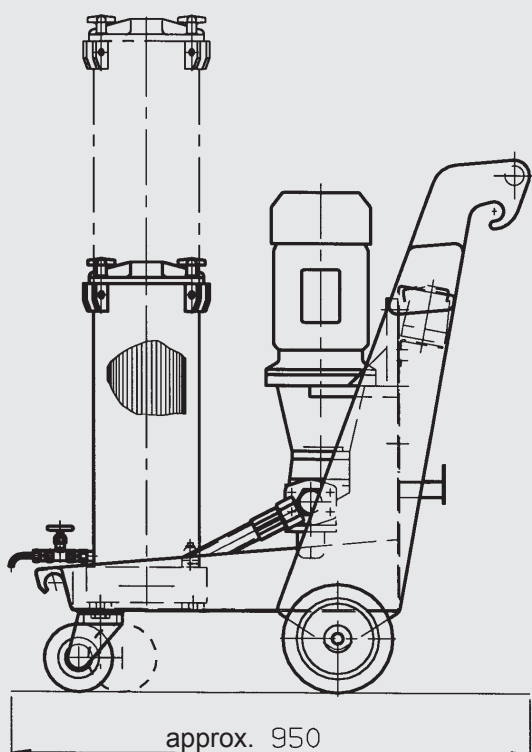
Technical specifications

Max. flow rate	100 l/min
Pump type	Gear pump type
Operating pressure	10 bar max
Permitted suction pressure at suction port	-0.4 bar to +0.6 bar
Viscosity range	15 ... 1000 mm ² /s
Permitted operating fluid	Mineral oils (others on request)
Fluid temperature	-10 ... 80 °C
Ambient temperature	-10 ... 40 °C
Seals, gaskets	NBR (Option: FPM)
Protection class	IP 54
Power cable, length	10 m
Suction hose	2.5 m
Pressure hose	4 m
Hose connections	Suction hose NW 38 with lance, others on request Pressure hose NW 25 with lance, others on request
Weight	≈ 130 kg
Accessories	Flow meter, hose with compression ends or threaded couplings

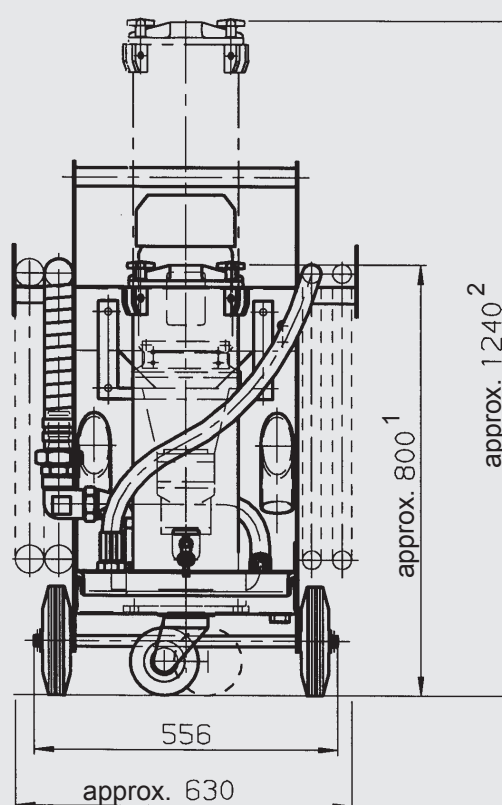
Model code

Filter pump transfer unit, mobile _____	OFU	10	P	2	N	2	B	05	B
Filter pump transfer unit, mobile OFU									
Type code _____									
10 = standard									
special model on request									
Seals _____									
P = NBR (Perbunan)									
V = FPM (Viton)									
Flow rate and motor output _____									
1 = 100 l/min, 3 kW									
2 = 100 l/min, 4 kW									
others on request									
Connection voltage _____									
N = 3 x 380 - 420 V - 50 Hz, 3 x 440 - 480 V - 60 Hz									
S = 3 x 500 - 600 V - 50 (60) Hz									
X = other									
Filter housing _____									
2 = element 1300									
3 = element 2600									
Filter material _____									
A = Aquamicon (BN/AM), (AM)									
B = Betamicon (BN3HC)									
Filtration rating _____									
03 = 3 µm BN3HC; BN/AM									
05 = 5 µm BN3HC									
10 = 10 µm BN3HC; BN/AM									
20 = 20 µm BN3HC;									
40 = 40 µm AM									
Clogging indicator _____									
B = standard: visual clogging indicator VM 2 B.1									
C = special model: differential pressure switch, electrical (VM 2 C.0/-L220) with automatic motor cut-out when filter is contaminated									
D = special model: differential pressure switch, visual / electrical (VM 2 D.0/-L220) with automatic motor cut-out when filter is contaminated									

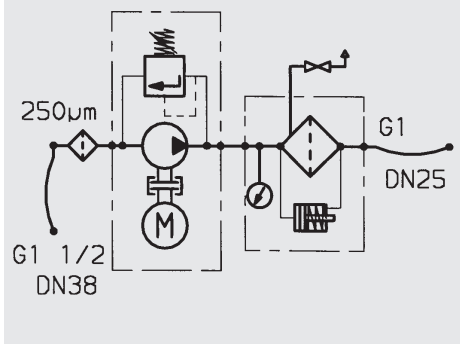
Dimensions



- 1 = for element 1300
2 = for element 2600



Hydraulic circuit diagram



Replacement elements

Filter size	Filtration rating	Element type	Part No.
2	3 µm	1300 R 003 BN4HC-/KB (-V-KB)	1263059 (1263760)
2	5 µm	1300 R 005 BN4HC-/KB (-V-KB)	1263060 (1263761)
2	10 µm	1300 R 010 BN4HC-/KB (-V-KB)	1263061 (1263762)
2	20 µm	1300 R 020 BN4HC-/KB (-V-KB)	1263062 (1263763)
2	40 µm	1300 R 040 AM-/KB	1267699
2	10 µm	1300 R 010 BN4AM-/KB (-V-KB)	1270010 (1276060)
2	3 µm	1300 R 003 BN/AM-/KB (-V-KB)	1267991 (1271839)
3	3 µm	2600 R 003 BN4HC-/KB (-V-KB)	1263071 (1263784)
3	5 µm	2600 R 005 BN4HC-/KB (-V-KB)	1263072 (1263785)
3	10 µm	2600 R 010 BN4HC-/KB (-V-KB)	1263073 (1263786)
3	20 µm	2600 R 020 BN4HC-/KB (-V-KB)	1263074 (1263787)
3	40 µm	2600 R 040 AM-/KB	306899
3	3 µm	2600 R 003 BN/AM-/KB (-V-KB)	1268232 (1275329)
3	10 µm	2600 R 010 BN/AM-/KB	1276840

Note

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

For applications and operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

HYDAC FILTER SYSTEMS GMBH

Industriegebiet

D-66280 Sulzbach / Saar

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

Fax: +49 (0) 6897/509-846

Internet: www.hydac.com

E-Mail: filtersystems@hydac.com

