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 filtration in bypass flow
- Simple handling
- Increased system availability
- Reduction of life cycle costs LCC

Technical details

Max. flow rate	100 l/min
Pump type	Gear pump
Operating pressure	10 bar max
Permitted suction pressure at suction port	-0.4 bar to +0.6 bar
Viscosity range	15 to 1000 mm²/s
Permitted operating fluid	Mineral oil (others on request)
Fluid temperature	-10 to 80°C
Ambient temperature	-10 to 40°C
Seals	NBR (option: FPM)
IP class	IP 54
Length of power cable	10 m
Connections/Length of hoses Suction hose Pressure hose	 2.5 m 4.0 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

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

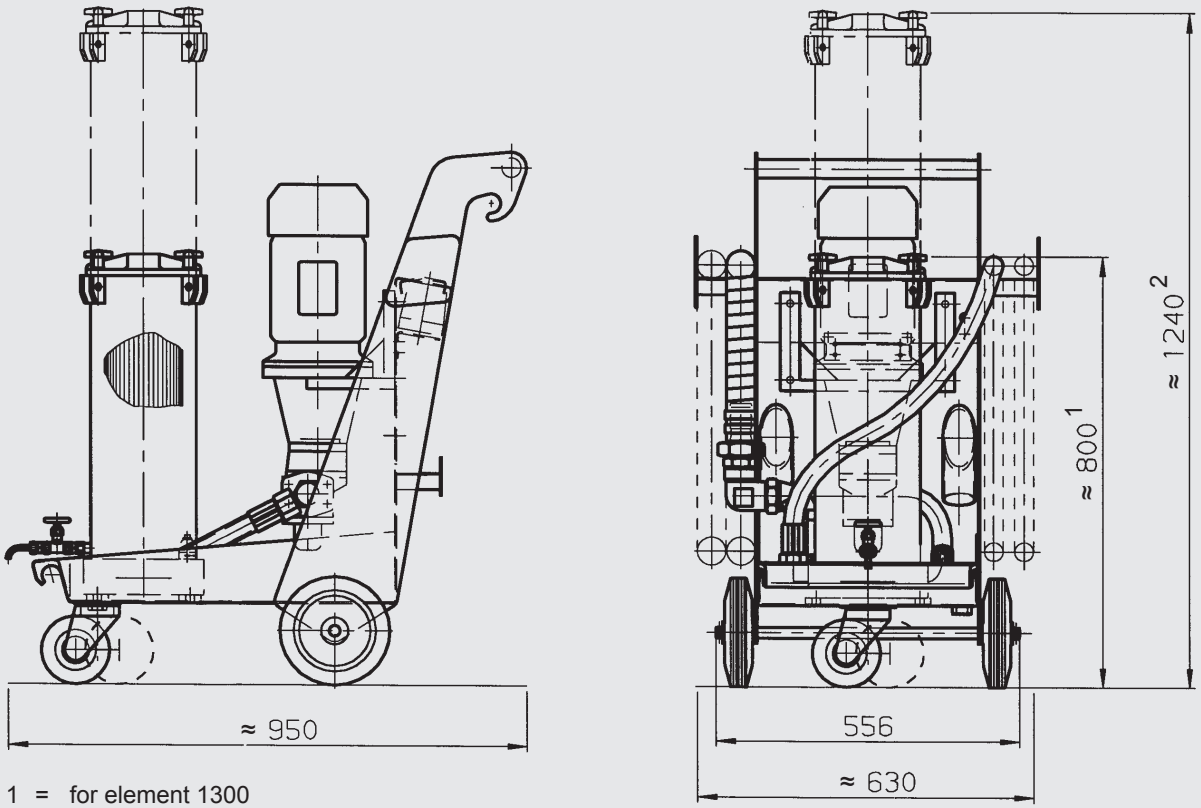
Filter housing
2 = element 1300
3 = element 2600

Filter material
A = Aquamicron (BN/AM), (AM)
B = Betamicron (BN4HC)

Filtration rating
03 = 3 µm BN4HC; BN/AM
05 = 5 µm BN4HC
10 = 10 µm BN4HC; BN/AM
20 = 20 µm BN4HC;
40 = 40 µm AM

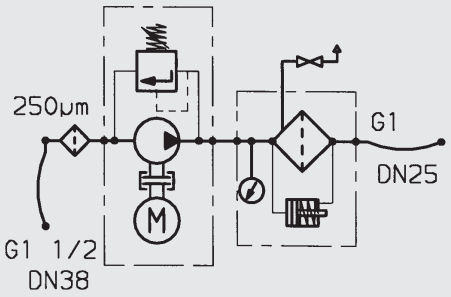
Clogging indicator
B = standard: visual clogging indicator VM 2 B.1
C = special model: differential pressure switch, electrical (VM 2 C.0/-L220) with automatic motor cut-out when filter is contaminated
D = special model: differential pressure switch, visual / electrical (VM 2 D.0/-L220) with automatic 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 BN/AM/-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 general brochure relates to the operating conditions and applications described.

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

All technical details are subject to change.

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