



Filtromat OF 5 mobile

Description

The filtration unit OF 5 mobile is designed to fill/filter hydraulic and lubrication tanks and to filter offline.

There is also the option (Version F) to bypass the filter when emptying tanks.

Applications

- Hydraulic and lubrication oil systems in a variety of industries

Advantages

- Convenient offline filtration
- Simple to operate
- Greater system availability
- Reduction in Life Cycle Cost LCC

Technical specifications

Pump type	Vane pump
Max. flow rate	30 l/min / 40 l/min
Operating pressure	4.5 bar
Permitted suction pressure at suction port	-0.4 bar ... +0.6 bar
Viscosity range	15 – 800 mm ² /s (depending on model)
Permitted operating fluid	Mineral oil (others on request)
Fluid temperature	-10 ... 80 °C
Ambient temperature	-20 ... 40 °C
Seals, gaskets	NBR (Option: FPM)
Protection class	IP 54
Length of power cable	10 m
Length of hoses	3 m
Hose connections	Suction hose NW 30 with lance Pressure hose NW 25 with lance
Weight	≈ 75 kg

Model code

OF5 F 10 P 6 N 2 B 05 E

Basic type

OF5

Versions

F = mobile with change-over valve

L = "low cost": mobile without change-over valve

Type code

10 = standard

special models on request

Seals

P = NBR (Perbunan)

V = FPM (Viton)

Motor-pump unit

Code Approx. flow rate at 1450 rpm

3 30 l/min

6 40 l/min

Max. viscosity

250 mm²/s

800 mm²/s

Electric motor output at 50 Hz

0.75 kW

1.5 kW

Electric motor voltage

M = 1 x 230V - 50 Hz

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 = special voltage

Filter size

1 = element 330

2 = element 1300

Filter material

B = Betamicon (BN3HC)

A = Aquamicon (BN/AM), (AM)

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

E = standard, pressure gauge

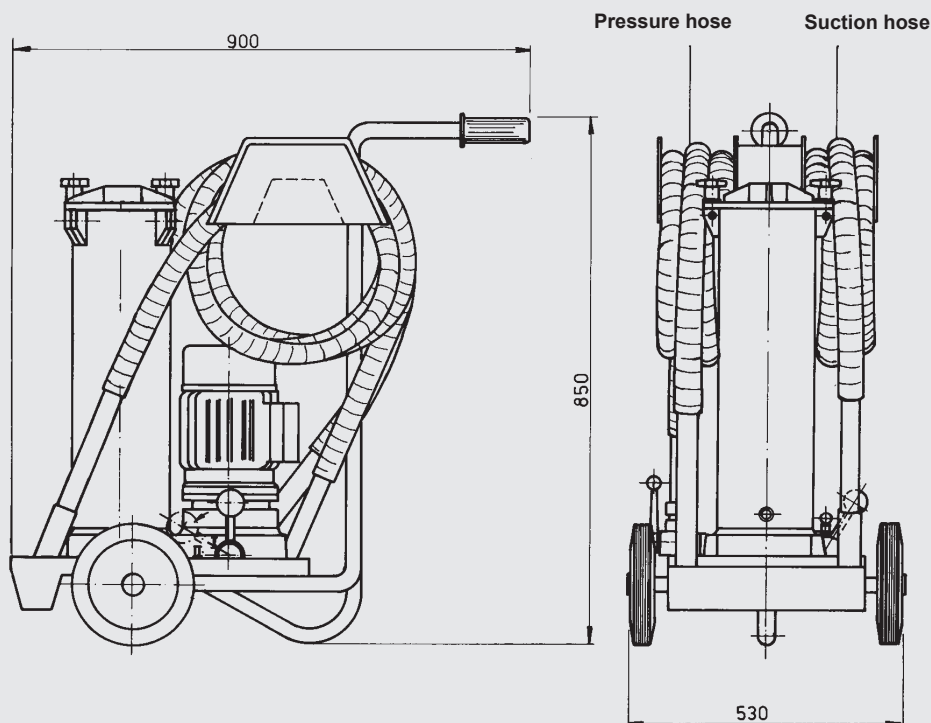
B = option: differential pressure gauge - visual (VM2B.1)

C = option: differential pressure gauge - electrical (VM2C.0)

D = option: differential pressure gauge - visual/electrical (VM2D.0)

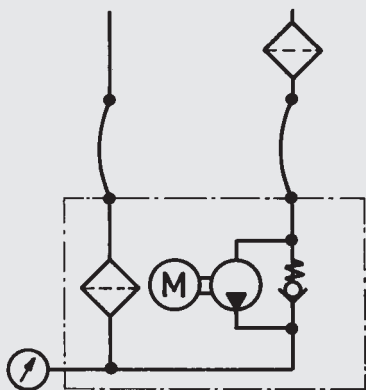
B, C and D not for version "L"

Dimensions



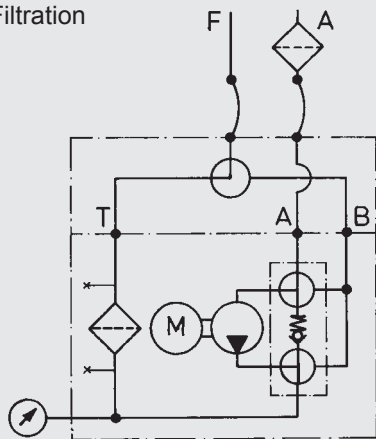
Hydraulic circuit diagram

OF 5 L ...

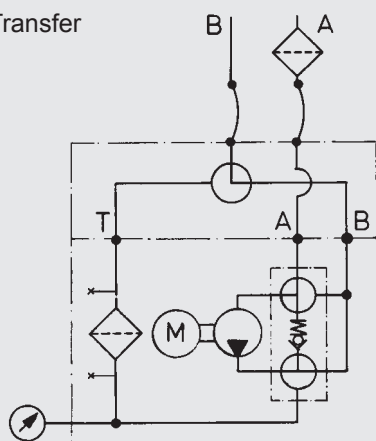


OF 5 F ...

Filtration



Transfer



Replacement elements

Filter size	Filtration rating	Element type	Part No.
1	3 µm	0330 R 003 BN4HC-/KB (-V-KB)	1262999 (1263640)
1	5 µm	0330 R 005 BN4HC-/KB (-V-KB)	1263000 (1263641)
1	10 µm	0330 R 010 BN4HC-/KB (-V-KB)	1263001 (1263642)
1	20 µm	0330 R 020 BN4HC-/KB (-V-KB)	1263002 (1263643)
1	40 µm	0330 R 040 AM /-KB (-V-KB)	1272067 (1266563)
1	3 µm	0330 R 003 BN/AM /-KB (-V-KB)	1272069 (1276690)
1	10 µm	0330 R 010 BN/AM /-KB (-V-KB)	1272068 (1281126)
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	3 µm	1300 R 003 BN/AM /-KB (-V-KB)	1267991 (1271839)
2	10 µm	1300 R 010 BN4AM /-KB (-V-KB)	1270010 (1276060)
2	40 µm	1300 R 040 AM /-KB	1267699

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.

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