



Offline Filtration Trolley OFT3 / OFTM

Description

The Offline Filtration Trolley is a mobile oil service unit that is used to filter oil when filling systems, when transferring hydraulic and lubricating fluids and to filter current tanks.

Applications

- Hydraulic and lubrication oil systems in a variety of industries

Special features

- Convenient offline filtration
- Easy operation
- Greater system availability
- Reduction in Life Cycle Cost LCC
- Transfer of oil while bypassing filters
- Variable speed drive to handle a large viscosity range
- Pneumatic tyres.

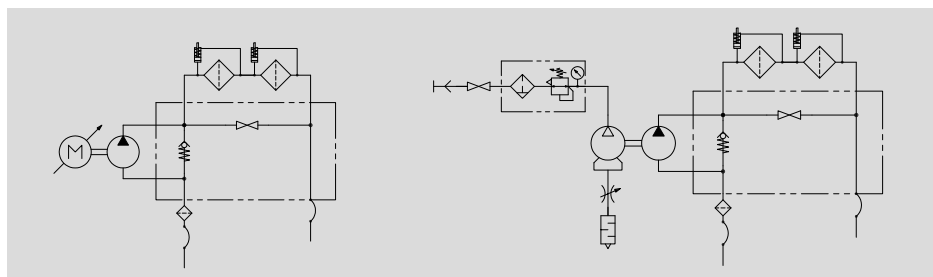
Technical Specifications

Pump Type	Cast Iron External Gear Pump
Flow Rate	7 ... 15 l/min (Viscosity dependent)
Motor Details	0.75kw with VSD
Operating Pressure	5 bar max.
Filter Housing	2 x MultiRheo Filter – MRF-1-30"
Element Series	2 x Flexmicron 30" (see reverse for options)
Permitted suction pressure	
at suction port	-0.4 bar to +0.5 bar
Viscosity Range	15 ... 3000 mm ² /s
Permitted operating fluid	Mineral oils
Fluid Temperature	- 10 ... + 80
Ambient Temperature	- 20 ... + 60
Protection Class	OFT3 = IP55 OFTM = IP54 ATEX Ex II 2 G D c II L T6 (80°C)
Power cable length	1 m
Suction hose (length)	NW 42 with lance (3 m including lance)
Pressure hose (length)	NW 28 with lance (4 m including lance)
Weight	~100 kg
Air Consumption (OFTM)	30 cfm 0.85 m ³ /min
Air Supply Pressure (OFTM)	6 bar

Hydraulic Circuit Diagram

OFT3

OFTM



Model Code

OFT 3 N 1 N 2 B

Offline filtration unit

OFT

Type code

3 = standard

M = marine (air operated)

Seals

N = NBR

Motor output and flow

1 = 0.75 Kw with variable speed drive

2 = Air driven motor with variable speed controls

Connection voltage

F = 1 x 240V, 50 Hz

N = 3 x 415V, 50 Hz

- = omit for air driven option

Filter housing

1 = MRF-1-E-30" x 2

Clogging indicator

B = standard differential pressure indicator - visual (VM2 B.1)

Note:

Filtration unit is supplied with no elements. Elements must be ordered separately.

Fleximicron Elements

Filter housing size	Filtration rating	Element type
Premium		
1	1 µm	N30FM-P001-PES1F
1	3 µm	N30FM-P003-PES1F
1	5 µm	N30FM-P005-PES1F
1	10 µm	N30FM-P010-PES1F
1	20 µm	N30FM-P020-PES1F
1	30 µm	N30FM-P030-PES1F
1	40 µm	N30FM-P040-PES1F
Standard		
1	1 µm	N30FM-S001-PP1F
1	3 µm	N30FM-S003-PP1F
1	5 µm	N30FM-S005-PP1F
1	10 µm	N30FM-S010-PP1F
1	20 µm	N30FM-S020-PP1F
1	30 µm	N30FM-S030-PP1F
1	40 µm	N30FM-S040-PP1F
1	50 µm	N30FM-S050-PP1F
1	70 µm	N30FM-S070-PP1F
1	90 µm	N30FM-S090-PP1F
Economy		
1	1 µm	N30FM-E001-PP1F