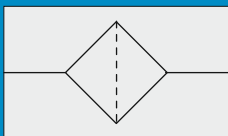
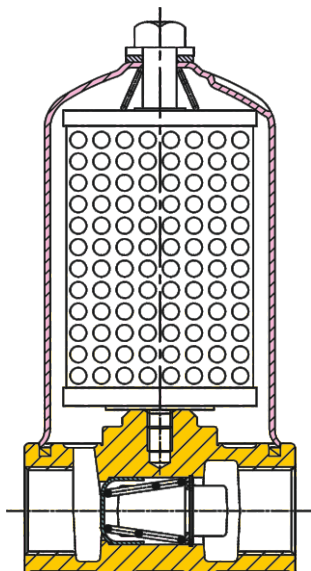


OIL FILTERS (FOR MICRONIC FILTRATION IN OIL HYDRAULIC SYSTEM)



SERIES - OF



Basic Characteristics

Maximum Recommended Pressure Differential between Inlet & Outlet Port - 20 psi

Maximum Recommended Pressure at Inlet - 100 psi

Rated Capacity - **OF1** = 0 to 189 L/min
OF2 & OF3 = 0 to 473 L/min

Approx. Weights

OF1 = 2.7 kg.
OF2 & OF3 = 6.6 kg.

General Description

General Usage - For Application on agricultural automotive earthmoving and construction equipment material handling vehicles, industrial and marine ordinance equipment.

The OF series filters are designed for use in the tank return line of Hydraulic Systems. Continuous full flow filtration is provided at low rates of flow, continuous partial flow filtration is provided at high rates of flow.

Caution:

Before installing, make certain that valves in circuit can tolerate back pressure generated by the filter. Filter must be installed in return line with outlet port discharging to reservoir. It is recommended that filter be mounted with cartridge in downward position to prevent oil spillage when servicing cartridge. Original filter cartridge should be replaced after a maximum of 50 hours operation.

Subsequent cartridge replacement is dependent on type of installation and field condition involved. The following replacement schedule is suggested.

Sealed systems after each 1000 hours

Open systems with micronic air breathers -

Average atmosphere after each 500 hours

Dirty atmosphere after each 250 hours

FLUIDS

These filters are suitable for petroleum oil and certain fire-resistant fluids such as phosphate esters, phosphate ester base, chlorinated hydro-carbons and water glycol fluids. The amount of the fire-resistant fluid being filtered will be less than that for petroleum oil of the same viscosity. This is mainly due to the difference in the specific gravity between the fluids. (Replace the seals when servicing filters using synthetic type fire-resistant fluids)

ORDERING INFORMATION

OF * - * - *
 { { { {
 1 2 3 4

1. Model Code - OF

2. Model Series - 1

3. Filter Size -

- 10 - 10 micron
- 25 - 25 micron

4. Connection Type -
BSP - BSP Thread
M - Metric Thread

Typical Model Code:- **OF1 - 10 - BSP**

1. Model Code - OF

2. Model Series - 2

3. Filter Size -

- 10 - 10 micron
- 25 - 25 micron

Typical Model Code:- **OF2 - 10**

1. Model Code - OF

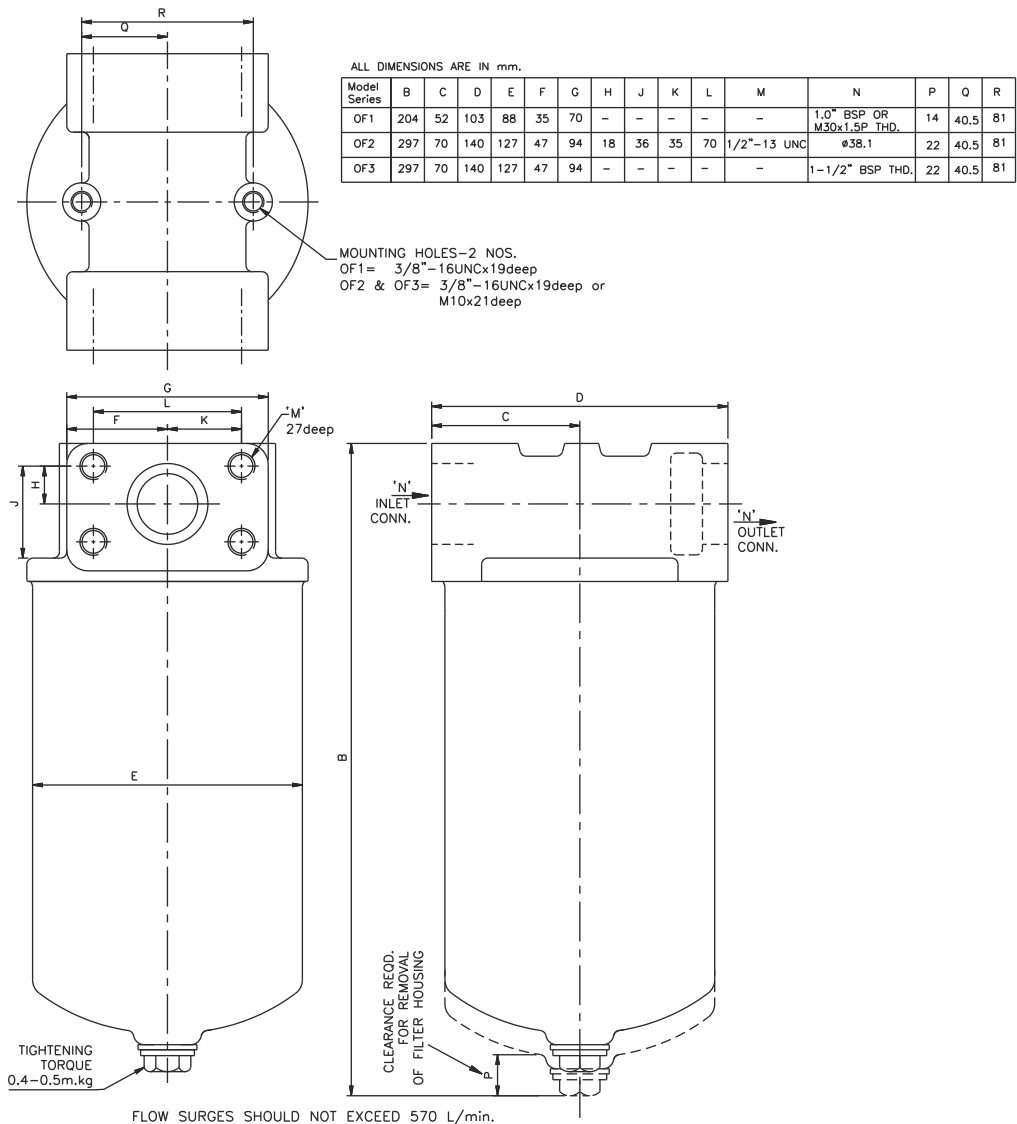
2. Model Series - 3

3. Filter Size -

- 10 - 10 micron
- 25 - 25 micron

4. Connection Type -
BSP - BSP Thread

Typical Model Code:- **OF3 - 10 - BSP**



Typical performance curves
using oil at 100 SSU viscosity

