

RF2 series

Maximum pressure up to 20 bar - Flow rate up to 350 l/min



The correct filter sizing have to be based on the variable pressure drop depending by the application. For example, for the return filter the pressure drop have to be in the range 0.4 - 0.6 bar.

The pressure drop calculation is performed by adding together the value of the housing with the value of the filter element. The pressure drop in the housing is proportional to the fluid density (kg/dm³); all the graphs in the catalogue are referred to mineral oil with density of 0.86 kg/dm³.

The filter element pressure drop is proportional to its viscosity (mm²/s), the corrective factor Y is related to an oil viscosity different than 30 mm²/s.

Sizing data for single cartridge, head at top

Δp_c = Filter housing pressure drop [bar]

Δp_e = Filter element pressure drop [bar]

Y = Multiplication factor Y (see correspondent table), depending on the filter element size, on the filter element lenght and on the filter media

Q = flow rate (l/min)

V1 reference viscosity = 30 mm²/s (cSt)

V2 = operating viscosity in mm²/s (cSt)

$\Delta p_e = Y : 1000 \times Q \times (V2/V1)$

$\Delta p_{Tot.} = \Delta p_c + \Delta p_e$

Calculation examples with HLP Mineral oil Variation in viscosity

Application data:

Top tank return filter

Filter with in-line connections

Pressure Pmax = 10 bar

Flow rate Q = 120 l/min

Viscosity V2 = 46 mm²/s (cSt)

Oil viscosity = 0.86 kg/dm³

Required filtration efficiency = 25 µm with absolute filtration

With bypass valve and 1 1/4" inlet connection

From the working pressure and the flow rate we understand it should be possible using the following top tank return filter series: MPT, MPH and FRI. Let's proceed with MPT series.

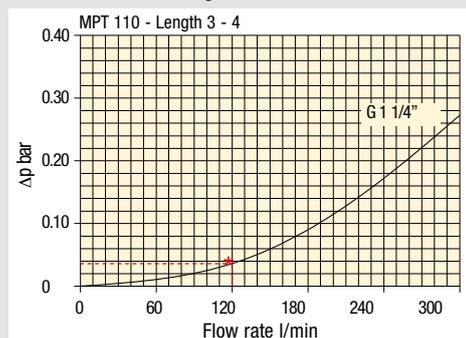
The size 20 doesn't achieve the required flow rate, therefore we have to consider the size 100. The final version of size 100 (101, 104, 110, 120 and 114) will be then defined in function of the mounting characteristics.

$\Delta p_c = 0.03 \text{ bar}$ (★ see graphic below, considering size 100 with the max available lenght to get the lowest pressure drop)

$\Delta p_e = (2.0 : 1000) \times 120 \times (46/30) = 0.37 \text{ bar}$

$\Delta p_{Tot.} = 0.03 + 0.37 = 0.4 \text{ bar}$

The selection is correct because the total pressure drop value is inside the admissible range for top tank return filters. It is of course possible trying to find a different solution, according to the mounting position or to other commercial need, repeating the previous steps while using a different series or lenght.



Filter housings Δp pressure drop.

The curves are plotted using mineral oil with density of 0.86 kg/dm³ in compliance with ISO 3968. Δp varies proportionally with density.

Corrective factor Y, to be used for the filter element pressure drop calculation. The values depend to the filter size and lenght and to the filter media.

Reference viscosity 30 mm²/s

Return filters

| Filter element | Absolute filtration H Series | | | | | Nominal filtration N Series | | | |
|-------------------|---------------------------------|-------|-------|-------|-------|--------------------------------|------|------|----------------|
| | Type | A03 | A06 | A10 | A16 | A25 | P10 | P25 | M25 M60 M90 |
| MF 020 | 1 | 74.00 | 50.08 | 20.00 | 16.00 | 9.00 | 6.43 | 5.51 | 4.40 |
| | 2 | 29.20 | 24.12 | 8.00 | 7.22 | 5.00 | 3.33 | 2.85 | 2.00 |
| | 3 | 22.00 | 19.00 | 6.56 | 5.33 | 4.33 | 1.68 | 1.44 | 1.30 |
| MF 030 MFX 030 | 1 | 74.00 | 50.08 | 20.00 | 16.00 | 9.00 | 6.43 | 5.51 | 3.40 |
| MF 100 MFX 100 | 1 | 28.20 | 24.40 | 8.67 | 8.17 | 6.88 | 4.62 | 3.96 | 1.25 |
| | 2 | 17.33 | 12.50 | 6.86 | 5.70 | 4.00 | 3.05 | 2.47 | 1.10 |
| | 3 | 10.25 | 9.00 | 3.65 | 3.33 | 2.50 | 1.63 | 1.32 | 0.96 |
| | 4 | 6.10 | 5.40 | 2.30 | 2.20 | 2.00 | 1.19 | 0.96 | 0.82 |
| MF 180 MFX 180 | 1 | 3.67 | 3.05 | 1.64 | 1.56 | 1.24 | 1.18 | 1.06 | 0.26 |
| | 2 | 1.69 | 1.37 | 0.68 | 0.54 | 0.51 | 0.43 | 0.39 | 0.12 |
| MF 190 MFX 190 | 2 | 1.69 | 1.37 | 0.60 | 0.49 | 0.44 | 0.35 | 0.31 | 0.11 |
| MF 400 MFX 400 | 1 | 3.20 | 2.75 | 1.39 | 1.33 | 1.06 | 0.96 | 0.87 | 0.22 |
| | 2 | 2.00 | 1.87 | 0.88 | 0.85 | 0.55 | 0.49 | 0.45 | 0.13 |
| | 3 | 1.90 | 1.60 | 0.63 | 0.51 | 0.49 | 0.39 | 0.35 | 0.11 |
| MF 750 MFX 750 | 1 | 1.08 | 0.84 | 0.49 | 0.36 | 0.26 | 0.21 | 0.19 | 0.06 |
| CU 025 | | 78.00 | 48.00 | 28.00 | 24.00 | 9.33 | 9.33 | 8.51 | 1.25 |
| CU 040 | | 25.88 | 20.88 | 10.44 | 10.00 | 3.78 | 3.78 | 3.30 | 1.25 |
| CU 100 | | 15.20 | 14.53 | 5.14 | 4.95 | 2.00 | 2.00 | 0.17 | 1.10 |
| CU 250 | | 3.25 | 2.55 | 1.55 | 1.35 | 0.71 | 0.71 | 0.59 | 0.25 |
| CU 630 | | 1.96 | 1.68 | 0.85 | 0.72 | 0.42 | 0.42 | 0.36 | 0.09 |
| CU 850 | | 1.06 | 0.84 | 0.42 | 0.33 | 0.17 | 0.17 | 0.13 | 0.04 |
| MR 100 | 1 | 19.00 | 17.00 | 6.90 | 6.30 | 4.60 | 2.94 | 2.52 | 1.60 |
| | 2 | 11.70 | 10.80 | 4.40 | 4.30 | 3.00 | 2.94 | 2.52 | 1.37 |
| | 3 | 7.80 | 6.87 | 3.70 | 3.10 | 2.70 | 2.14 | 1.84 | 1.34 |
| | 4 | 5.50 | 4.97 | 2.60 | 2.40 | 2.18 | 1.72 | 1.47 | 1.34 |
| | 5 | 4.20 | 3.84 | 2.36 | 2.15 | 1.90 | 1.60 | 1.37 | 1.34 |
| MR 250 | 1 | 5.35 | 4.85 | 2.32 | 1.92 | 1.50 | 1.38 | 1.20 | 0.15 |
| | 2 | 4.00 | 3.28 | 1.44 | 1.10 | 1.07 | 0.96 | 0.83 | 0.13 |
| | 3 | 2.60 | 2.20 | 1.08 | 1.00 | 0.86 | 0.77 | 0.64 | 0.12 |
| | 4 | 1.84 | 1.56 | 0.68 | 0.56 | 0.44 | 0.37 | 0.23 | 0.11 |
| MR 630 | 1 | 3.10 | 2.48 | 1.32 | 1.14 | 0.92 | 0.83 | 0.73 | 0.09 |
| | 2 | 2.06 | 1.92 | 0.82 | 0.76 | 0.38 | 0.33 | 0.27 | 0.08 |
| | 3 | 1.48 | 1.30 | 0.60 | 0.56 | 0.26 | 0.22 | 0.17 | 0.08 |
| | 4 | 1.30 | 1.20 | 0.48 | 0.40 | 0.25 | 0.21 | 0.16 | 0.08 |
| | 5 | 0.74 | 0.65 | 0.30 | 0.28 | 0.13 | 0.10 | 0.08 | 0.04 |
| MR 850 | 1 | 0.60 | 0.43 | 0.34 | 0.25 | 0.13 | 0.12 | 0.09 | 0.03 |
| | 2 | 0.37 | 0.26 | 0.23 | 0.21 | 0.11 | 0.08 | 0.07 | 0.03 |
| | 3 | 0.27 | 0.18 | 0.17 | 0.17 | 0.05 | 0.04 | 0.04 | 0.02 |
| | 4 | 0.23 | 0.16 | 0.13 | 0.12 | 0.04 | 0.03 | 0.03 | 0.02 |

Corrective factor Y, to be used for the filter element pressure drop calculation.
The values depend to the filter size and lenght and to the filter media.

Reference viscosity 30 mm²/s

Suction filters

| Filter element | Nominal filtration N Series | |
|----------------|--------------------------------|-----|
| | P10 | P25 |
| SF 250 | 65 | 21 |

Return / Suction filters

| Filter element | Absolute filtration | | | |
|----------------|---------------------|------|------|------|
| | A10 | A16 | A25 | |
| RSX 116 | 1 | 5.12 | 4.33 | 3.85 |
| | 2 | 2.22 | 1.87 | 1.22 |
| RSX 165 | 1 | 2.06 | 1.75 | 1.46 |
| | 2 | 1.24 | 1.05 | 0.96 |
| | 3 | 0.94 | 0.86 | 0.61 |

Low & Medium pressure filters

| Filter element | Type | Absolute filtration N-W Series | | | | | Nominal filtration N Series | | |
|----------------|---------------|-----------------------------------|-------|------|------|------|--------------------------------|------|------|
| | | A03 | A06 | A10 | A16 | A25 | P10 | P25 | M25 |
| CU 110 | 1 | 16.25 | 15.16 | 8.75 | 8.14 | 5.87 | 2.86 | 2.65 | 0.14 |
| | 2 | 12.62 | 10.44 | 6.11 | 6.02 | 4.15 | 1.60 | 1.49 | 0.12 |
| | 3 | 8.57 | 7.95 | 5.07 | 4.07 | 2.40 | 1.24 | 1.15 | 0.11 |
| | 4 | 5.76 | 4.05 | 2.80 | 2.36 | 1.14 | 0.91 | 0.85 | 0.05 |
| CU 210 | 1 | 5.30 | 4.80 | 2.00 | 1.66 | 1.32 | 0.56 | 0.43 | 0.12 |
| | 2 | 3.44 | 2.95 | 1.24 | 1.09 | 0.70 | 0.42 | 0.35 | 0.09 |
| | 3 | 2.40 | 1.70 | 0.94 | 0.84 | 0.54 | 0.33 | 0.23 | 0.05 |
| DN | 016 | 7.95 | 7.20 | 3.00 | 2.49 | 1.98 | 0.84 | 0.65 | 0.18 |
| | 025 | 5.00 | 4.53 | 1.89 | 1.57 | 1.25 | 0.53 | 0.41 | 0.11 |
| | 040 | 3.13 | 2.66 | 1.12 | 0.98 | 0.63 | 0.38 | 0.32 | 0.08 |
| CU 400 | 2 | 3.13 | 2.55 | 1.46 | 1.22 | 0.78 | 0.75 | 0.64 | 0.19 |
| | 3 | 2.15 | 1.70 | 0.94 | 0.78 | 0.50 | 0.40 | 0.34 | 0.10 |
| | 4 | 1.60 | 1.28 | 0.71 | 0.61 | 0.40 | 0.34 | 0.27 | 0.08 |
| | 5 | 1.00 | 0.83 | 0.47 | 0.34 | 0.20 | 0.24 | 0.19 | 0.06 |
| | 6 | 0.82 | 0.58 | 0.30 | 0.27 | 0.17 | 0.22 | 0.18 | 0.05 |
| | CU 900 | 1 | 0.86 | 0.63 | 0.32 | 0.30 | 0.21 | - | - |
| CU 950 | 2 | 1.03 | 0.80 | 0.59 | 0.40 | 0.26 | - | - | 0.05 |
| | 3 | 0.44 | 0.40 | 0.27 | 0.18 | 0.15 | - | - | 0.02 |
| MR 630 | 7 | 0.88 | 0.78 | 0.36 | 0.34 | 0.16 | 0.12 | 0.96 | 0.47 |

FILTER SIZING Corrective factor

Corrective factor **Y**, to be used for the filter element pressure drop calculation.
The values depend to the filter size and lenght and to the filter media.

Reference viscosity 30 mm²/s

High pressure filters

| Filter element | Absolute filtration N - R Series | | | | | Nominal filtration N Series | |
|----------------|-------------------------------------|--------|--------|--------|--------|--------------------------------|------|
| | Type | A03 | A06 | A10 | A16 | | A25 |
| HP 011 | 1 | 332.71 | 250.07 | 184.32 | 152.36 | 128.36 | - |
| | 2 | 220.28 | 165.56 | 74.08 | 59.13 | 37.05 | - |
| | 3 | 123.24 | 92.68 | 41.48 | 33.08 | 20.72 | - |
| | 4 | 77.76 | 58.52 | 28.37 | 22.67 | 16.17 | - |
| HP 039 | 1 | 70.66 | 53.20 | 25.77 | 20.57 | 14.67 | 4.90 |
| | 2 | 36.57 | 32.28 | 18.00 | 13.38 | 8.00 | 2.90 |
| | 3 | 26.57 | 23.27 | 12.46 | 8.80 | 5.58 | 2.20 |
| HP 050 | 1 | 31.75 | 30.30 | 13.16 | 12.3 | 7.29 | 1.60 |
| | 2 | 24.25 | 21.26 | 11.70 | 9.09 | 4.90 | 1.40 |
| | 3 | 17.37 | 16.25 | 8.90 | 7.18 | 3.63 | 1.25 |
| | 4 | 12.12 | 10.75 | 6.10 | 5.75 | 3.08 | 1.07 |
| | 5 | 7.00 | 6.56 | 3.60 | 3.10 | 2.25 | 0.80 |
| HP 065 | 1 | 58.50 | 43.46 | 23.16 | 19.66 | 10.71 | 1.28 |
| | 2 | 42.60 | 25.64 | 16.22 | 13.88 | 7.32 | 1.11 |
| | 3 | 20.50 | 15.88 | 8.18 | 6.81 | 3.91 | 0.58 |
| HP 135 | 1 | 20.33 | 18.80 | 9.71 | 8.66 | 4.78 | 2.78 |
| | 2 | 11.14 | 10.16 | 6.60 | 6.38 | 2.22 | 1.11 |
| | 3 | 6.48 | 6.33 | 3.38 | 3.16 | 2.14 | 1.01 |
| HP 320 | 1 | 10.88 | 9.73 | 5.02 | 3.73 | 2.54 | 1.04 |
| | 2 | 4.40 | 3.83 | 1.75 | 1.48 | 0.88 | 0.71 |
| | 3 | 2.75 | 2.11 | 1.05 | 0.87 | 0.77 | 0.61 |
| | 4 | 2.12 | 1.77 | 0.98 | 0.78 | 0.55 | 0.47 |
| HP 500 | 1 | 4.44 | 3.67 | 2.30 | 2.10 | 1.65 | 0.15 |
| | 2 | 3.37 | 2.77 | 1.78 | 1.68 | 1.24 | 0.10 |
| | 3 | 2.22 | 1.98 | 1.11 | 1.09 | 0.75 | 0.08 |
| | 4 | 1.81 | 1.33 | 0.93 | 0.86 | 0.68 | 0.05 |
| | 5 | 1.33 | 1.15 | 0.77 | 0.68 | 0.48 | 0.04 |

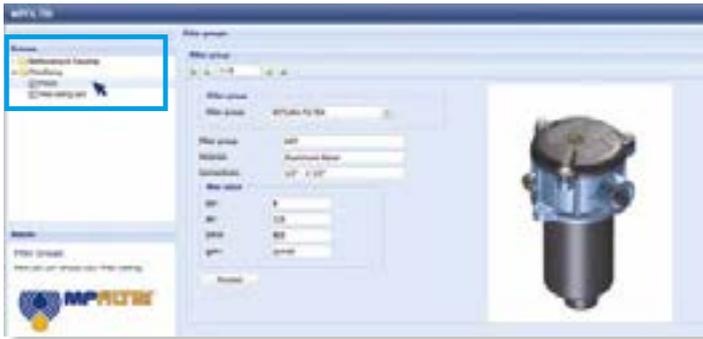
| Filter element | Absolute filtration N Series | | | | | Nominal filtration N Series | |
|----------------|---------------------------------|------|------|------|------|--------------------------------|------|
| | Type | A03 | A06 | A10 | A16 | | A25 |
| HF 320 | 1 | 3.65 | 2.95 | 2.80 | 1.80 | 0.90 | 0.38 |
| | 2 | 2.03 | 1.73 | 1.61 | 1.35 | 0.85 | 0.36 |
| | 3 | 1.84 | 1.42 | 1.32 | 1.22 | 0.80 | 0.35 |

Stainless steel high pressure filters

| Filter element | Absolute filtration N Series | | | | | |
|----------------|---------------------------------|--------|--------|--------|--------|--------|
| | Type | A03 | A06 | A10 | A16 | A25 |
| HP 011 | 1 | 332.71 | 250.07 | 184.32 | 152.36 | 128.36 |
| | 2 | 220.28 | 165.56 | 74.08 | 59.13 | 37.05 |
| | 3 | 123.24 | 92.68 | 41.48 | 33.08 | 20.72 |
| | 4 | 77.76 | 58.52 | 28.37 | 22.67 | 16.17 |
| HP 039 | 2 | 70.66 | 53.20 | 25.77 | 20.57 | 14.67 |
| | 3 | 36.57 | 32.28 | 18.00 | 13.38 | 8.00 |
| | 4 | 26.57 | 23.27 | 12.46 | 0.88 | 5.58 |
| | 1 | 31.75 | 30.30 | 13.16 | 12.3 | 7.29 |
| HP 050 | 2 | 24.25 | 21.26 | 11.70 | 9.09 | 4.90 |
| | 3 | 17.37 | 16.25 | 8.90 | 7.18 | 3.63 |
| | 4 | 12.12 | 10.75 | 6.10 | 5.75 | 3.08 |
| | 5 | 7.00 | 6.56 | 3.60 | 3.10 | 2.25 |
| | 1 | 20.33 | 18.80 | 9.71 | 8.66 | 4.78 |
| HP 135 | 2 | 11.14 | 10.16 | 6.60 | 6.38 | 2.22 |
| | 3 | 6.48 | 6.33 | 3.38 | 3.16 | 2.14 |

| Filter element | Absolute filtration H - U Series | | | | | |
|----------------|-------------------------------------|--------|--------|--------|--------|--------|
| | Type | A03 | A06 | A10 | A16 | A25 |
| HP 011 | 1 | 424.58 | 319.74 | 235.17 | 194.44 | 163.78 |
| | 2 | 281.06 | 211.25 | 94.53 | 75.45 | 47.26 |
| | 3 | 130.14 | 97.50 | 43.63 | 34.82 | 21.81 |
| | 4 | 109.39 | 82.25 | 36.79 | 29.37 | 18.40 |
| HP 039 | 2 | 70.66 | 53.20 | 25.77 | 20.57 | 14.67 |
| | 3 | 36.57 | 32.28 | 18.00 | 13.38 | 8.00 |
| | 4 | 26.57 | 23.27 | 12.46 | 8.80 | 5.58 |
| | 1 | 47.33 | 34.25 | 21.50 | 20.50 | 14.71 |
| HP 050 | 2 | 29.10 | 25.95 | 14.04 | 10.90 | 5.88 |
| | 3 | 20.85 | 19.50 | 10.68 | 8.61 | 4.36 |
| | 4 | 14.55 | 12.90 | 7.32 | 6.90 | 3.69 |
| | 5 | 9.86 | 9.34 | 6.40 | 4.80 | 2.50 |
| | 1 | 29.16 | 25.33 | 13.00 | 12.47 | 5.92 |
| HP 135 | 2 | 14.28 | 11.04 | 7.86 | 7.60 | 4.44 |
| | 3 | 8.96 | 7.46 | 4.89 | 4.16 | 3.07 |

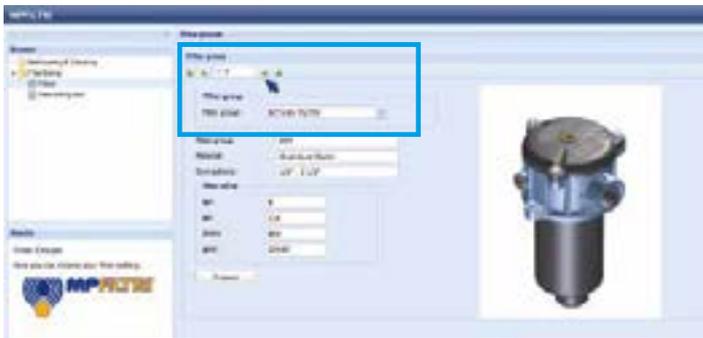
Step 1 Select "FILTERS"



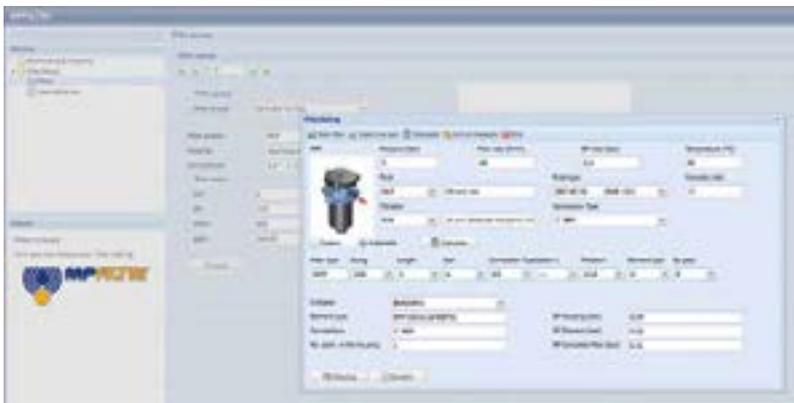
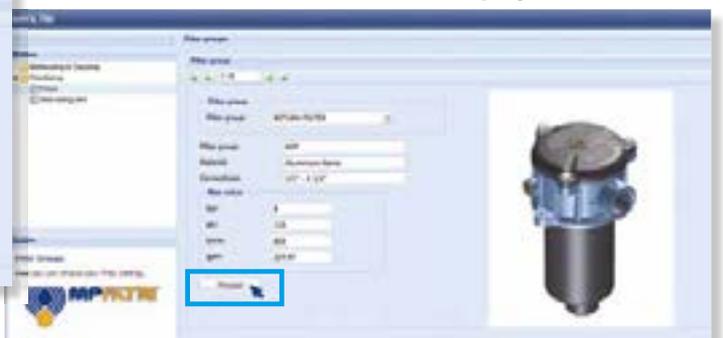
Step 2 Choose filter group (Return Filter, Pressure Filter, etc.)



Step 3 Choose filter type (MPF, MPT, etc.) in function of the max working pressure and the max flow rate



Step 4 Push "PROCEED"



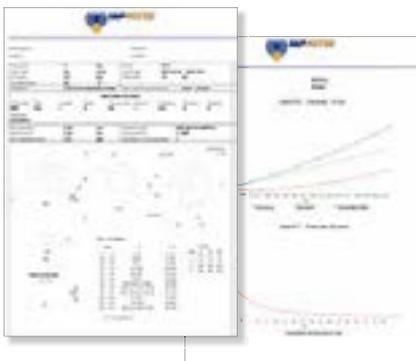
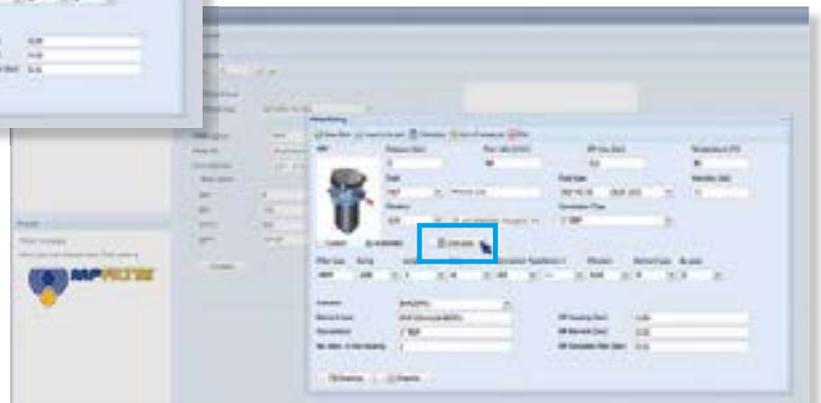
Step 5

Insert all application data to calculate the filter size following the sequence:

- working pressure
- working flow rate
- working pressure drop
- working temperature
- fluid material and fluid type
- filtration media
- connection type

Step 6

Push "CALCULATE" to have result; in case of any mistake, the system will advice which parameter is out of range to allow to modify/adjust the selection



Step 7

Download PDF Datasheet "Report.aspx" pushing the button "Drawing"



THE NEW FILTER CONCEPT

MPFX
MPTX
MFBX
MFX
series

NEW FILTER ELEMENT WITH EXCLUSIVE INTERFACE CONNECTION

- ◆ **Protects the machine from improper use of non-original products.**
- ◆ **Safety of constant quality protection & reliability**

With exclusive filter element you are sure that only filter elements MP Filtri can be used, ensuring the best cleaning level of the oil due to the use of originals filter elements.



Filter element featuring our UNIQUE end cap with polygonal design.



UNIQUE polygonal spigot fitting within the filter bowl.

The products identified as MPFX, MPTX, MFBX and MFX are protected by one or more of the following patent applications:

European Patent Pending: n° 16181725.9
Italian Patent Pending: n° 102015000040473
US Patent Pending: n° 15/224,337
Canadian Patent Pending: n° 2,937,258



RF2 series

Maximum pressure up to 20 bar - Flow rate up to 350 l/min



Technical data

Return filter Maximum pressure up to 20 bar - Flow rate up to 350 l/min

Filter housing materials

- Filter body: Aluminium
- Cover: Polyamide, GF reinforced
- Valve: Polyamide, GF reinforced - Steel
- Anti-Emptying valve: Steel

Seals

- Standard NBR series A
- Optional FPM series V

Pressure

Working pressure: 2 MPa (20 bar)

Temperature

From -25 °C to +110 °C

Bypass valve

Opening pressure 175 kPa (1.75 bar)

Note

RF2 250-350 filters mounting, see the drawings on page 211 and following.

Δp element type

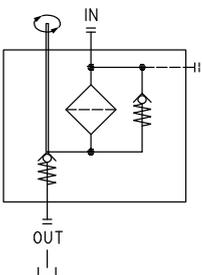
- Microfibre filter elements - series CU: 10 bar
- Fluid flow through the filter element from OUT to IN.

Weights [kg] and volumes [dm³]

| | Weights [kg] | | Volumes [dm ³] | |
|----------------|--------------|-----|----------------------------|-----|
| | Lenght | 1 | Lenght | 1 |
| RF2 250 | | 2.6 | | 2.0 |
| RF2 350 | | 2.8 | | 2.0 |

Hydraulic symbols

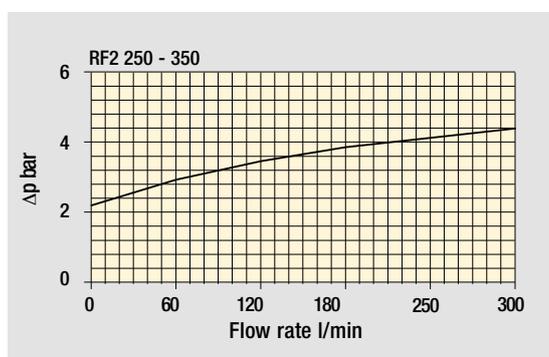
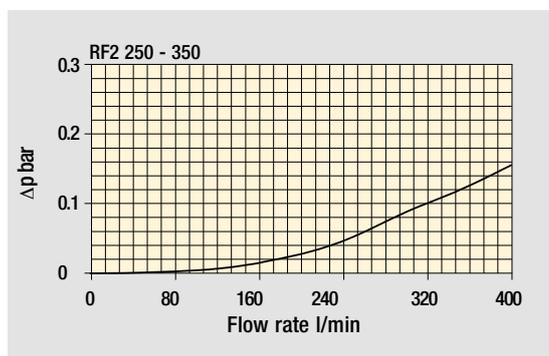
Style
RF2 250-350



The curves are plotted using mineral oil with density of 0.86 kg/dm³ in compliance with ISO 3968.

Δp varies proportionally with density.

Filter housings Δp pressure drop



Bypass valve pressure drop

RF2 RF2250 - RF2350

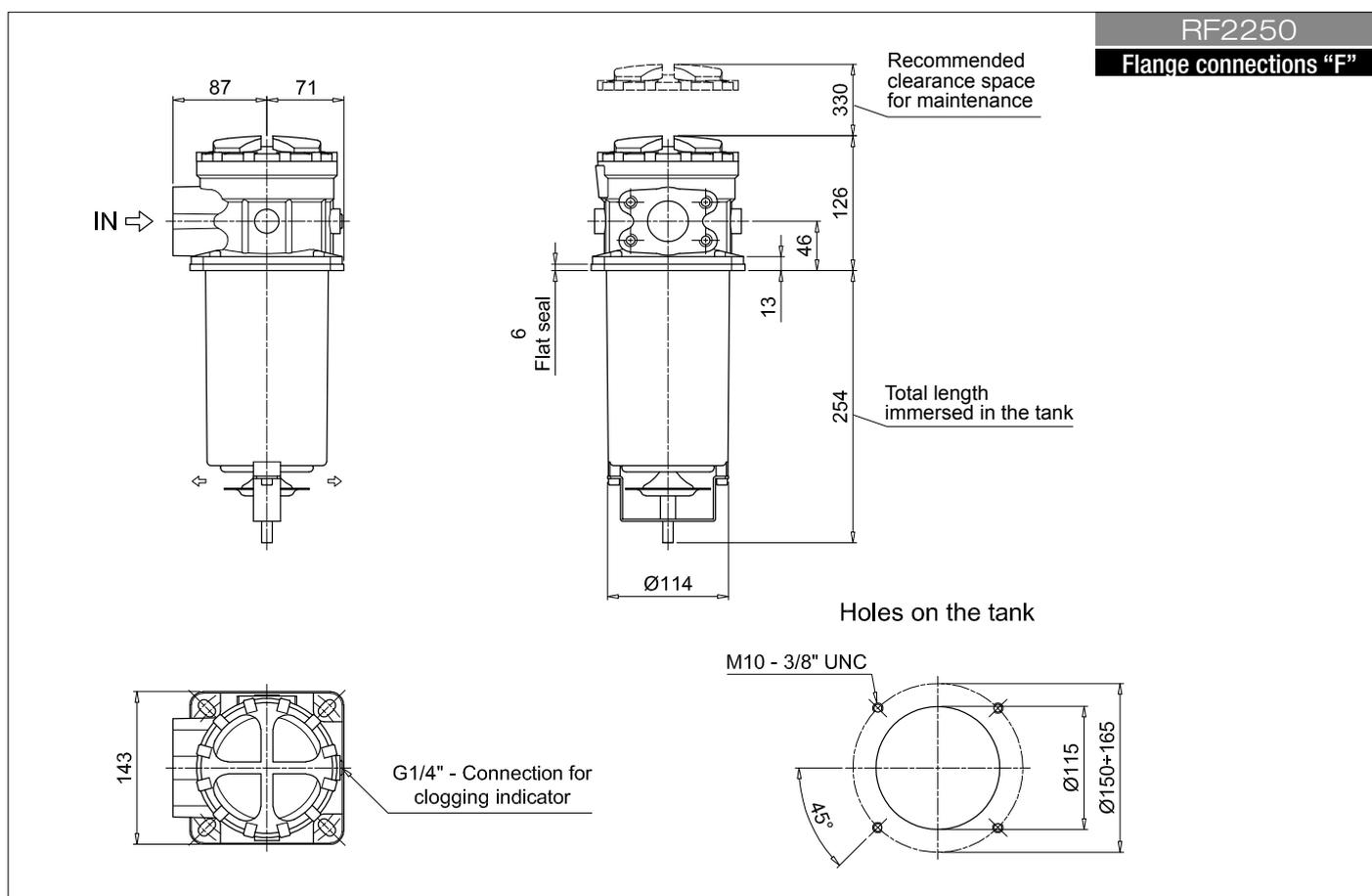
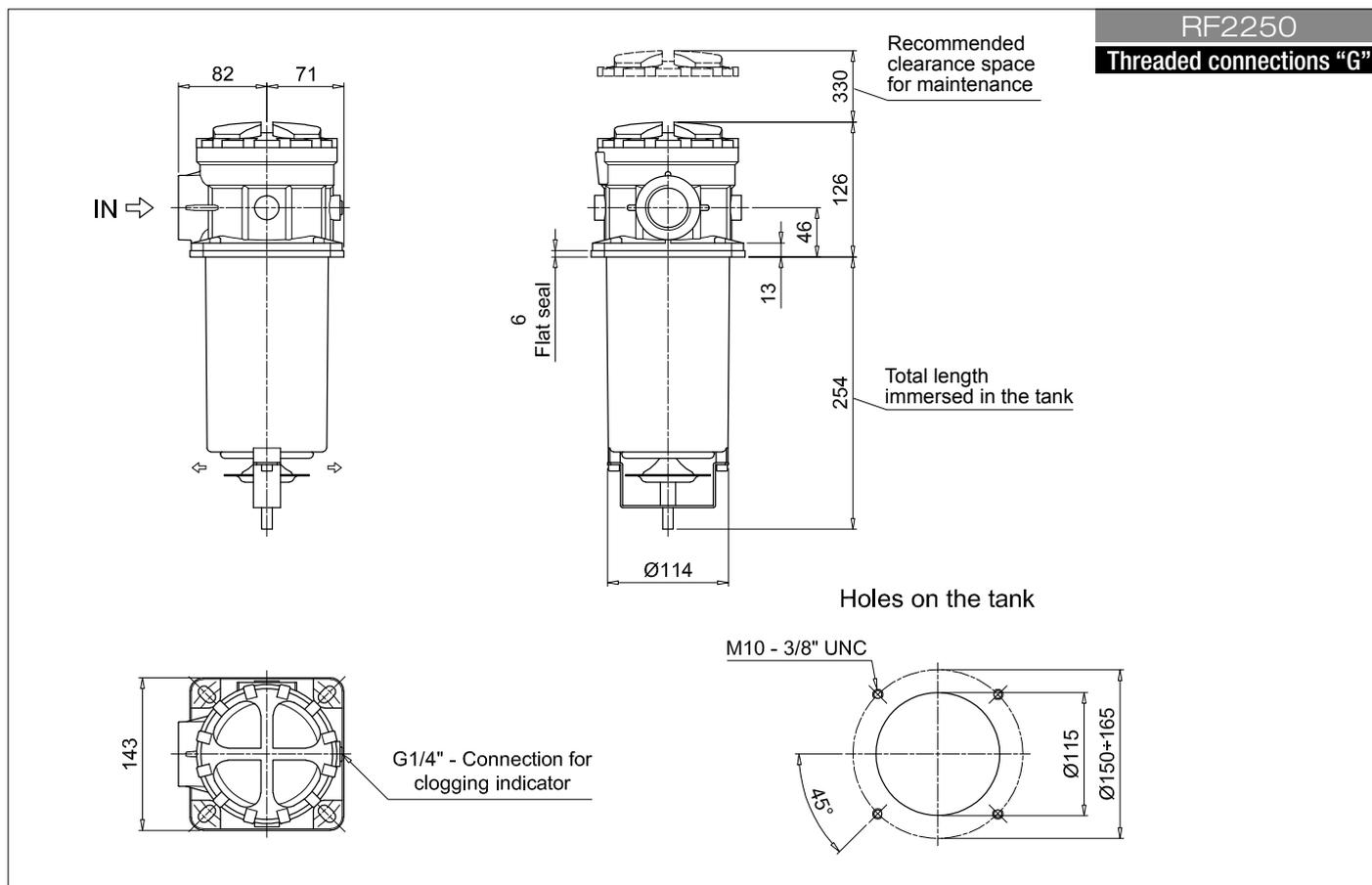
Designation & Ordering code

COMPLETE FILTER

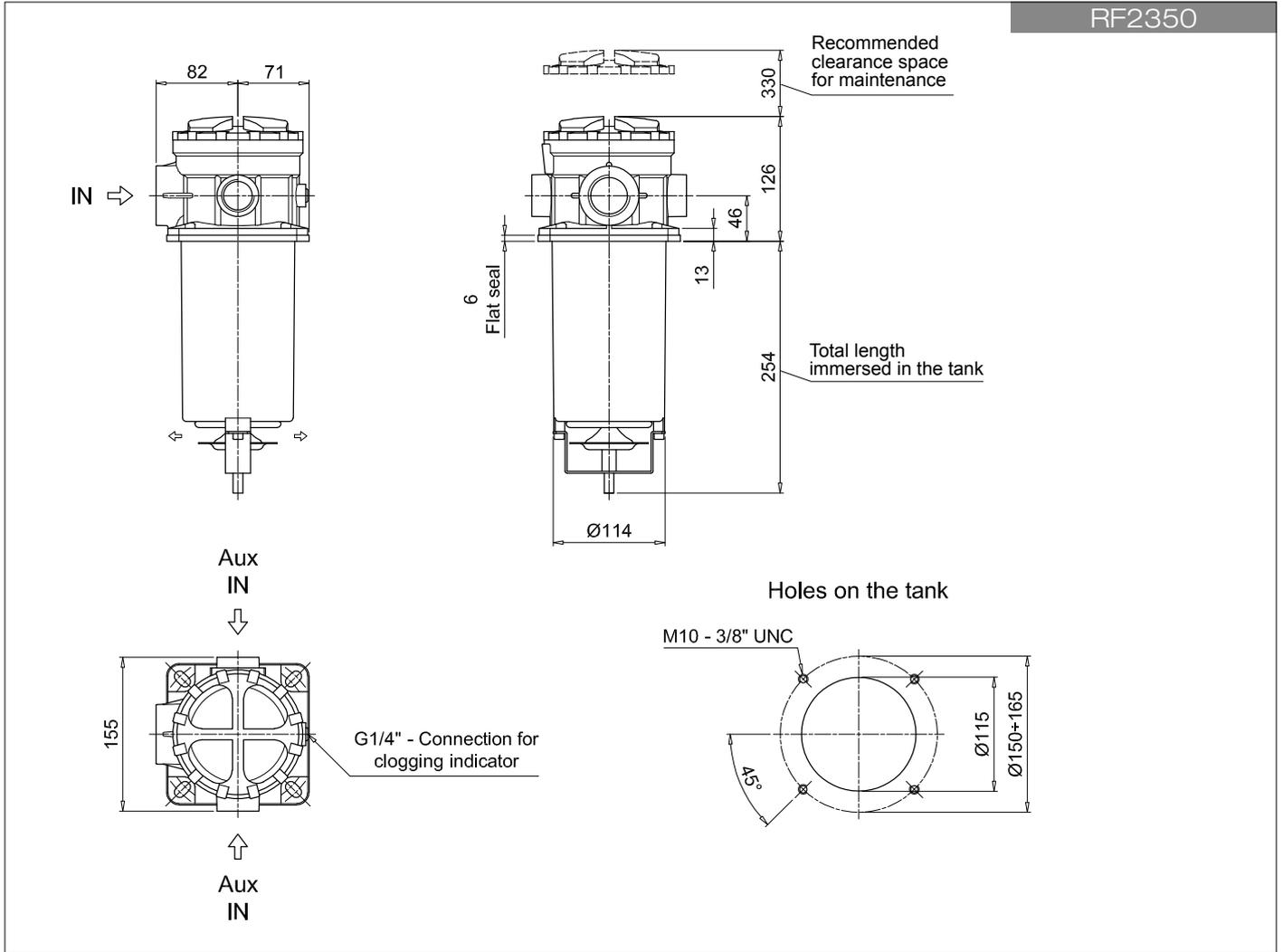
| | | | | | | | | | |
|---|--|-------|--------------------------|--|------------|------------|------------|--|--|
| Series and size | | | | Configuration example 1: RF2250 W F2 E M25 P01 | | | | | |
| RF2250 | | | | Configuration example 2: RF2350 A G1 B A25 P01 | | | | | |
| RF2350 | | | | | | | | | |
| | | | | Filtration rating | | | | | |
| Seals and treatments | | | | Axx | Mxx | Pxx | | | |
| A | NBR | | | • | • | • | | | |
| V | FPM | | | • | • | • | | | |
| W | NBR compatible with fluids HFA-HFB-HFC | | | • | • | | | | |
| Z | FPM compatible with fluids HFA-HFB-HFC | | | • | • | | | | |
| Connections | | | | Aux (only RF2350) | | Mxx | Pxx | | |
| G1 | G1 1/2" | | G1" | • | • | | | | |
| G2 | 1 1/2" NPT | | - | • | | | | | |
| G3 | SAE 24 - 1 7/8" - 12 UN | | SAE 16 - 1 5/16" - 12 UN | • | • | | | | |
| G4 | G1 1/4" | | - | • | | | | | |
| G5 | 1 1/4" NPT | | - | • | | | | | |
| G6 | SAE 20 - 1 5/8" - 12 UN | | - | • | | | | | |
| G7 | G1" | | - | • | | | | | |
| G8 | 1" NPT | | - | • | | | | | |
| G9 | SAE 16 - 1 5/16" - 12 UN | | - | • | | | | | |
| F1 | 1 1/2" SAE 3000 psi/M | | - | • | | | | | |
| F2 | 1 1/2" SAE 3000 psi/UNC | | - | • | | | | | |
| Bypass valve | | | | | | | | | |
| B | 1.75 bar | | | | | | | | |
| E | 3 bar | | | | | | | | |
| Filtration rating (filter media) | | | | | | | | | |
| A03 | Inorganic microfiber | 3 µm | M25 | Wire mesh | 25 µm | | | | |
| A06 | Inorganic microfiber | 6 µm | M60 | Wire mesh | 60 µm | | | | |
| A10 | Inorganic microfiber | 10 µm | M90 | Wire mesh | 90 µm | | | | |
| A16 | Inorganic microfiber | 16 µm | P10 | Resin impregnated paper | 10 µm | | | | |
| A25 | Inorganic microfiber | 25 µm | P25 | Resin impregnated paper | 25 µm | | | | |
| | | | | Execution | | | | | |
| | | | | P01 MP Filtri standard | | | | | |
| | | | | Pxx Customized | | | | | |

FILTER ELEMENT

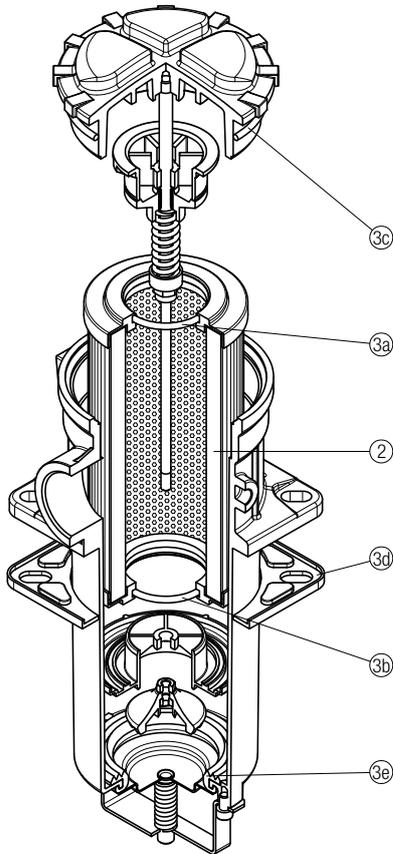
| | | | | | | | | | |
|---|----------------------|---|------------|--|------------|--|--|--|--|
| Element series and size | | | | Configuration example 1: CU250 M25 W P01 | | | | | |
| CU250 | | | | Configuration example 2: CU250 A25 N P01 | | | | | |
| Filtration rating (filter media) | | | | | | | | | |
| A03 | Inorganic microfiber | 3 µm | M25 | Wire mesh | 25 µm | | | | |
| A06 | Inorganic microfiber | 6 µm | M60 | Wire mesh | 60 µm | | | | |
| A10 | Inorganic microfiber | 10 µm | M90 | Wire mesh | 90 µm | | | | |
| A16 | Inorganic microfiber | 16 µm | P10 | Resin impregnated paper | 10 µm | | | | |
| A25 | Inorganic microfiber | 25 µm | P25 | Resin impregnated paper | 25 µm | | | | |
| Seals and treatments | | | | Filtration rating | | | | | |
| N | NBR | | Axx | Mxx | Pxx | | | | |
| V | FPM | | • | • | • | | | | |
| W | NBR head anodized | filter element compatible with fluids HFA-HFB-HFC | • | • | | | | | |
| Z | FPM head anodized | filter element compatible with fluids HFA-HFB-HFC | • | • | | | | | |
| | | | | Execution | | | | | |
| | | | | P01 MP Filtri standard | | | | | |
| | | | | Pxx Customized | | | | | |



Dimensions



RF2 250 - 350



| Item: | Q.ty: 1 pc. | Q.ty: 1 pc. | |
|---------------|-----------------|----------------------|----------|
| Filter series | Filter element | Seal Kit code number | |
| RF2 250 | See order table | NBR | FPM |
| RF2 350 | See order table | 02050586 | 02050587 |