

# FHP series

Maximum working pressure up to 42 MPa (420 bar) - Flow rate up to 630 l/min



Description

High Pressure filters

In-line

Maximum working pressure up to 42 MPa (420 bar)

Flow rate up to 630 l/min

FHP is a range of versatile high pressure filter for protection of sensitive components in high pressure hydraulic systems in the industrial equipment.  
They are directly connected to the lines of the system through the hydraulic fittings.

Available features:

- Female threaded connections up to 1 1/2" and flanged connections up to 2", for a maximum return flow rate of 750 l/min

- Fine filtration rating, to get a good cleanliness level into the system

- Bypass valve, to relieve excessive pressure drop across the filter media

- Check valve, to protect the system against reverse flow

- Reverse flow valve, to allow bidirectional flow through the filter housing. The back flow is not filtered. The filter requires the use of internal check valves to direct the flow through the element in one direction and around the element in the other

- Low collapse filter element "N", for use with filters provided with bypass valve

- High collapse filter element "H", for use with filters not provided with bypass valve

- Low collapse filter element with external support "R", for filter element protection against the back pressure caused by the check valve or the reverse flow in filters provided with the bypass valve

- High collapse filter element with external support "S", for filter element protection against the back pressure caused by the check valve or the reverse flow in filters not provided with the bypass valve

- Visual, electrical and electronic differential clogging indicators

Common applications:

Delivery lines, in any high pressure industrial equipment or mobile machines

Technical data

Filter housing materials

- Head: Phosphatized cast iron

- Housing: Phosphatized steel

- Bypass valve  
AISI 316L: FHP 010 - 011  
Brass: FHP 065 - 135  
Brass / AISI 304: FHP 350  
Steel: FHP 500

- Reverse Flow  
Steel: FHP 350 - FHP 500

- Check valve: Steel

Pressure

- Test pressure: 63 MPa (630 bar)

- Burst pressure: 126 MPa (1260 bar)

- Pulse pressure fatigue test: 1 000 000 cycles with pressure from 0 to 42 MPa (420 bar)

Bypass valve

- Opening pressure 600 kPa (6 bar) ±10%

- Other opening pressures on request.

Δp element type

- Microfibre filter elements - series N: 20 bar

- Microfibre filter elements - series R: 20 bar (not available for FHP 010-011 and FHP 500)

- Microfibre filter elements - series H: 210 bar

- Microfibre filter elements - series S: 210 bar (only for FHP 500)

- Wire mesh filter elements - series N: 20 bar

- Fluid flow through the filter element from OUT to IN

Seals

- Standard NBR series A

- Optional FPM series V

Temperature

From -25 °C to +110 °C

Connections

FHP 010 - 065 - 135 - 350 - 500:  
In-line Inlet/Outlet

FHP 011:  
90° Inlet/Outlet

Note

FHP filters are provided for vertical mounting



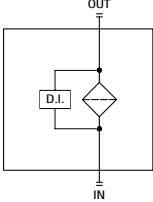
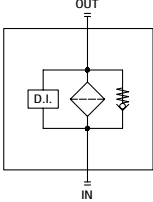
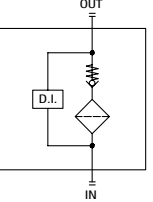
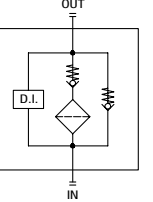
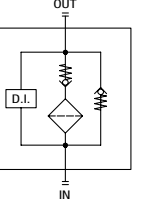
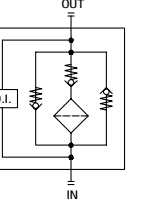
Weights [kg] and volumes [dm³]

| Filter series | Weights [kg] |       |       |       |       |      | Volumes [dm³] |      |      |      |      |      |
|---------------|--------------|-------|-------|-------|-------|------|---------------|------|------|------|------|------|
|               | Length       | 1     | 2     | 3     | 4     | 5    | Length        | 1    | 2    | 3    | 4    | 5    |
| FHP 010 - 011 |              | 2.05  | 2.18  | 2.64  | 3.13  | -    |               | 0.10 | 0.12 | 0.15 | 0.20 | -    |
| FHP 065       |              | 4.26  | 4.62  | 5.83  | -     | -    |               | 0.25 | 0.30 | 0.50 | -    | -    |
| FHP 135       |              | 7.11  | 8.71  | 9.76  | -     | -    |               | 0.43 | 0.76 | 0.97 | -    | -    |
| FHP 350       |              | 13.95 | 16.08 | 18.37 | 20.85 | -    |               | 1.00 | 1.72 | 2.49 | 3.32 | -    |
| FHP 500       |              | 27.00 | 31.17 | 34.69 | 46.70 | 52.5 |               | 1.71 | 2.43 | 3.04 | 5.18 | 6.51 |

| Filter series | Length | Filter element design - H Series |     |     |     |     | Filter element design - N Series |     |     |     |     |     |
|---------------|--------|----------------------------------|-----|-----|-----|-----|----------------------------------|-----|-----|-----|-----|-----|
|               |        | A03                              | A06 | A10 | A16 | A25 | A03                              | A06 | A10 | A16 | A25 | M25 |
| FHP 010       | 1      | 3                                | 5   | 6   | 7   | 8   | 4                                | 6   | 8   | 9   | 10  | 37  |
|               | 2      | 5                                | 7   | 13  | 16  | 22  | 6                                | 8   | 16  | 19  | 24  | 40  |
|               | 3      | 10                               | 13  | 22  | 25  | 30  | 11                               | 14  | 23  | 26  | 31  | 41  |
|               | 4      | 12                               | 15  | 25  | 27  | 32  | 16                               | 19  | 27  | 30  | 33  | 41  |
| FHP 011       | 1      | 3                                | 5   | 6   | 7   | 9   | 4                                | 6   | 8   | 9   | 11  | 47  |
|               | 2      | 5                                | 7   | 14  | 17  | 24  | 7                                | 9   | 17  | 21  | 28  | 52  |
|               | 3      | 11                               | 14  | 25  | 29  | 36  | 11                               | 14  | 26  | 30  | 37  | 53  |
|               | 4      | 12                               | 16  | 28  | 32  | 38  | 17                               | 21  | 32  | 36  | 40  | 54  |
| FHP 065       | 1      | 24                               | 25  | 50  | 59  | 84  | 25                               | 33  | 56  | 63  | 90  | 142 |
|               | 2      | 33                               | 38  | 68  | 77  | 98  | 34                               | 52  | 72  | 79  | 106 | 143 |
|               | 3      | 61                               | 70  | 100 | 107 | 123 | 61                               | 73  | 101 | 108 | 125 | 147 |
| FHP 135       | 1      | 49                               | 55  | 95  | 98  | 147 | 67                               | 72  | 115 | 122 | 159 | 184 |
|               | 2      | 89                               | 106 | 129 | 131 | 163 | 105                              | 111 | 140 | 142 | 192 | 209 |
|               | 3      | 120                              | 132 | 158 | 166 | 180 | 141                              | 143 | 176 | 179 | 193 | 211 |
| FHP 350       | 1      | 108                              | 115 | 188 | 197 | 301 | 127                              | 140 | 234 | 282 | 343 | 451 |
|               | 2      | 196                              | 225 | 317 | 323 | 396 | 256                              | 278 | 394 | 415 | 465 | 480 |
|               | 3      | 266                              | 310 | 384 | 392 | 440 | 331                              | 370 | 450 | 466 | 475 | 490 |
|               | 4      | 308                              | 333 | 391 | 398 | 445 | 369                              | 393 | 456 | 474 | 495 | 503 |
| FHP 500       | 1      | 144                              | 157 | 265 | 268 | 355 | 269                              | 305 | 390 | 406 | 444 | 612 |
|               | 2      | 232                              | 262 | 350 | 363 | 398 | 321                              | 357 | 433 | 441 | 484 | 619 |
|               | 3      | 293                              | 301 | 398 | 408 | 455 | 396                              | 416 | 497 | 499 | 537 | 622 |
|               | 4      | 336                              | 377 | 452 | 455 | 507 | 430                              | 475 | 516 | 524 | 545 | 626 |
|               | 5      | 420                              | 428 | 494 | 500 | 544 | 475                              | 493 | 535 | 545 | 569 | 627 |

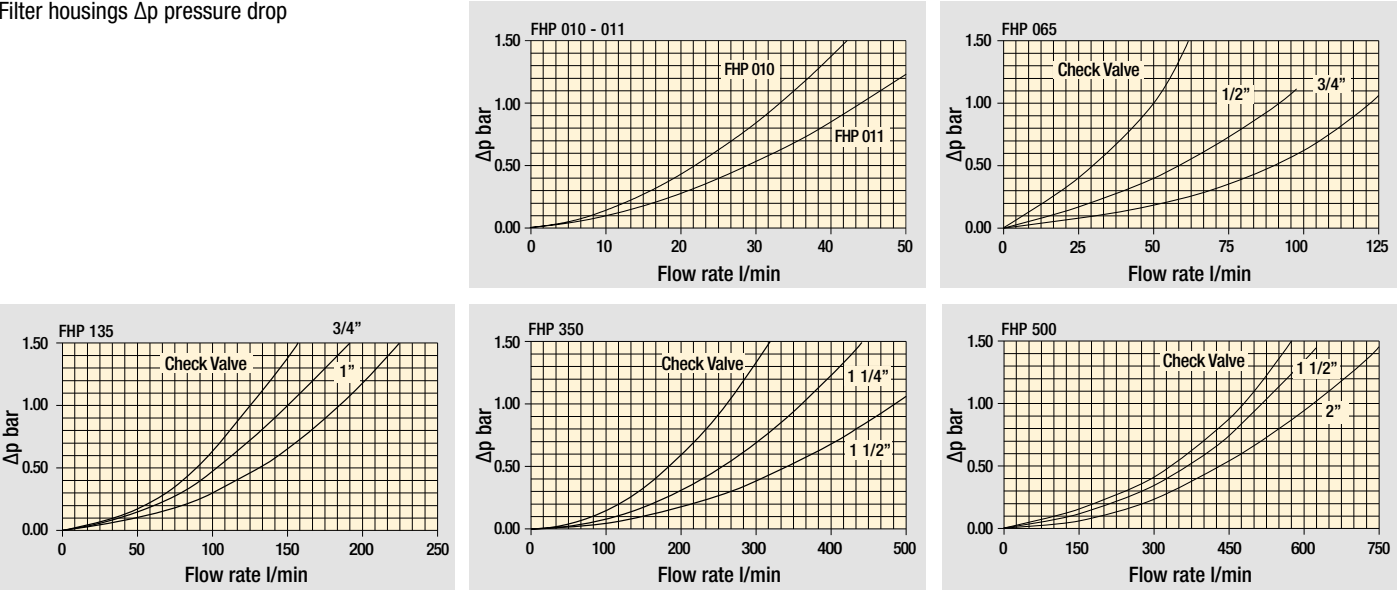
**Maximum flow rate for a complete pressure filter with a pressure drop  $\Delta p = 1.5$  bar.**  
The reference fluid has a kinematic viscosity of 30 mm<sup>2</sup>/s (cSt) and a density of 0.86 kg/dm<sup>3</sup>.  
For different pressure drop or fluid viscosity we recommend to use our selection software available on [www.mpfiltri.com](http://www.mpfiltri.com).  
You can also calculate the right size using the formulas present on the FILTER SIZING paragraph at the beginning of the full catalogue or at the beginning of the filter family brochure.  
Please, contact our Sales Department for further additional information.

Hydraulic symbols

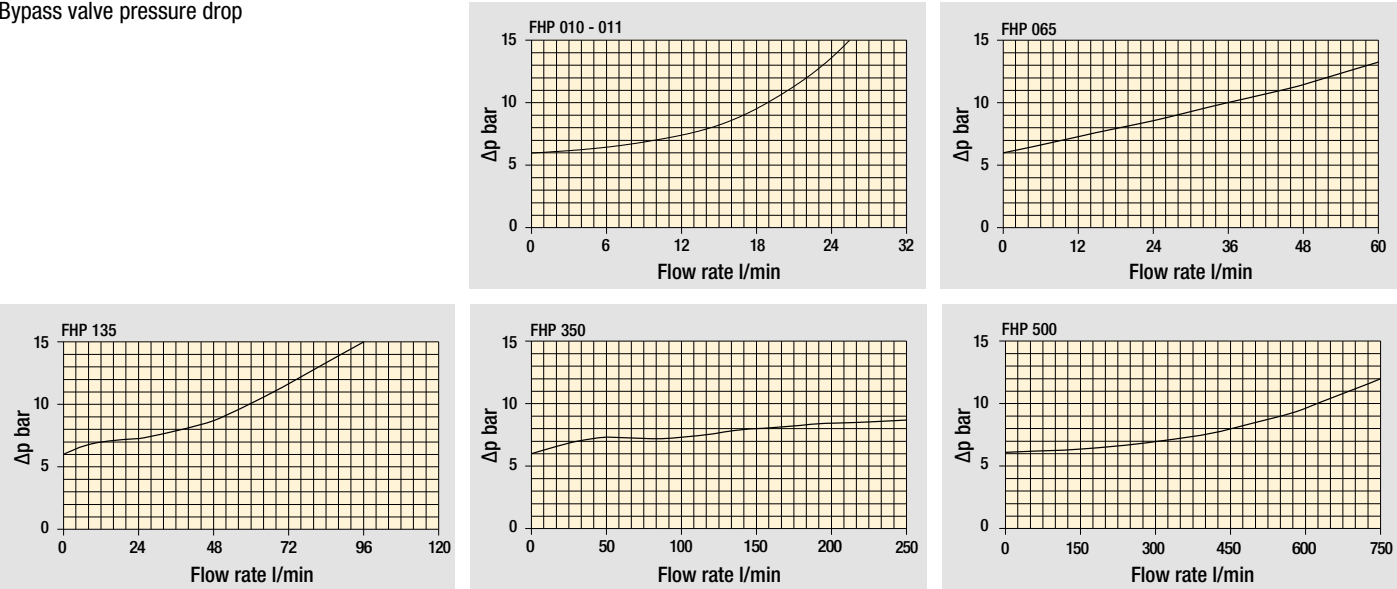
| Filter series | Style S                                                                             | Style B                                                                             | Style T                                                                             | Style D                                                                              | Style V                                                                               | Style Z                                                                               |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| FHP 010 - 011 | •                                                                                   | •                                                                                   |                                                                                     |                                                                                      | •                                                                                     | •                                                                                     |
| FHP 065       | •                                                                                   | •                                                                                   | •                                                                                   |                                                                                      |                                                                                       |                                                                                       |
| FHP 135       | •                                                                                   | •                                                                                   | •                                                                                   |                                                                                      |                                                                                       |                                                                                       |
| FHP 350       | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                    | •                                                                                     | •                                                                                     |
| FHP 500       | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                    | •                                                                                     | •                                                                                     |
|               |  |  |  |  |  |  |

## Pressure drop

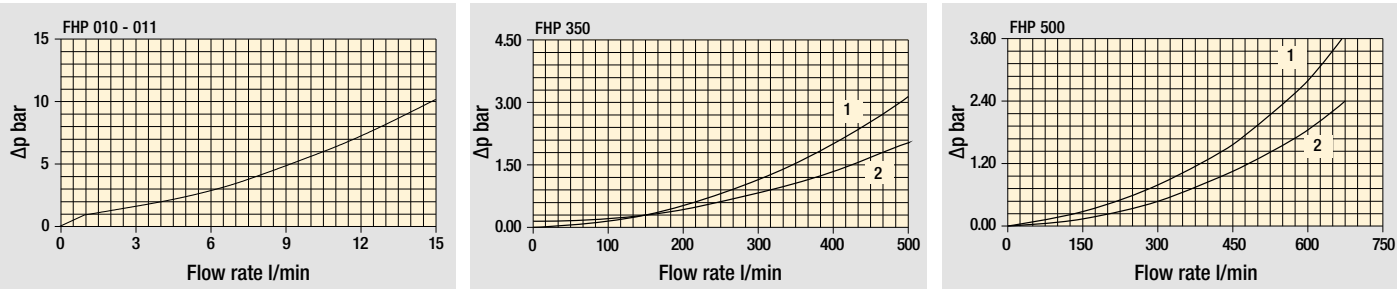
### Filter housings $\Delta p$ pressure drop



### Bypass valve pressure drop



### Valves



Filter housing with check valve

Pressure drop with reverse flow valve in  
1 - Filtering direction  
2 - Opposite direction

Pressure drop with reverse flow valve in  
1 - Opposite direction  
2 - Filtering direction

The curves are plotted using mineral oil with density of 0.86 kg/dm<sup>3</sup> in compliance with ISO 3968.  $\Delta p$  varies proportionally with density.

# FHP FHP010 - FHP011

## Designation & Ordering code

COMPLETE FILTER

Series and size

FHP010 | FHP011

Configuration example:

FHP010

2

B

A

B

2

A03

N

P01

Length

1 | 2 | 3 | 4

Valves

S Without bypass

B With bypass 6 bar

V With reverse flow, without bypass

Z With reverse flow, with bypass 6 bar

Seals

A NBR

V FPM

Connections

A G 1/4"

B 1/4" NPT

C SAE 5 - 1/2" - 20 UNF

D G 3/8"

E 3/8" NPT

F SAE 6 - 9/16" - 18 UNF

Connection for differential indicator

1 Without

2 With connection

Filtration rating (filter media)

A03 Inorganic microfiber 3 μm

A06 Inorganic microfiber 6 μm

A10 Inorganic microfiber 10 μm

A16 Inorganic microfiber 16 μm

A25 Inorganic microfiber 25 μm

M25 Wire mesh 25 μm

Valves

S B V Z

N 20 bar

H 210 bar

Execution

P01 MP Filtri standard

Pxx Customized

FILTER ELEMENT

Element series and size

HP011

Configuration example:

HP011

2

A03

A

N

P01

Element length

1 | 2 | 3 | 4

Filtration rating (filter media)

A03 Inorganic microfiber 3 μm

A06 Inorganic microfiber 6 μm

A10 Inorganic microfiber 10 μm

A16 Inorganic microfiber 16 μm

A25 Inorganic microfiber 25 μm

M25 Wire mesh 25 μm

Seals

A NBR

V FPM

Element Δp

N 20 bar

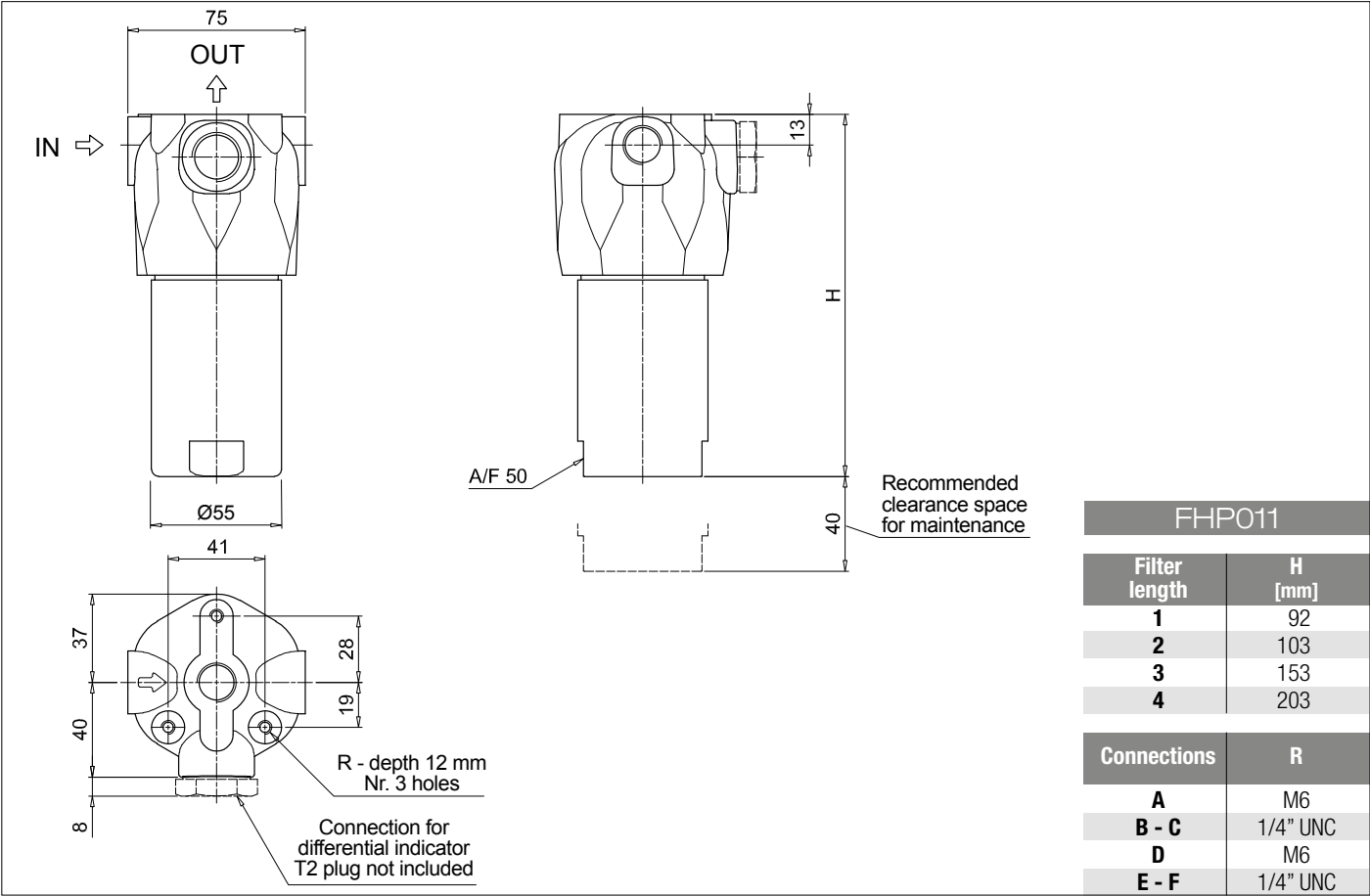
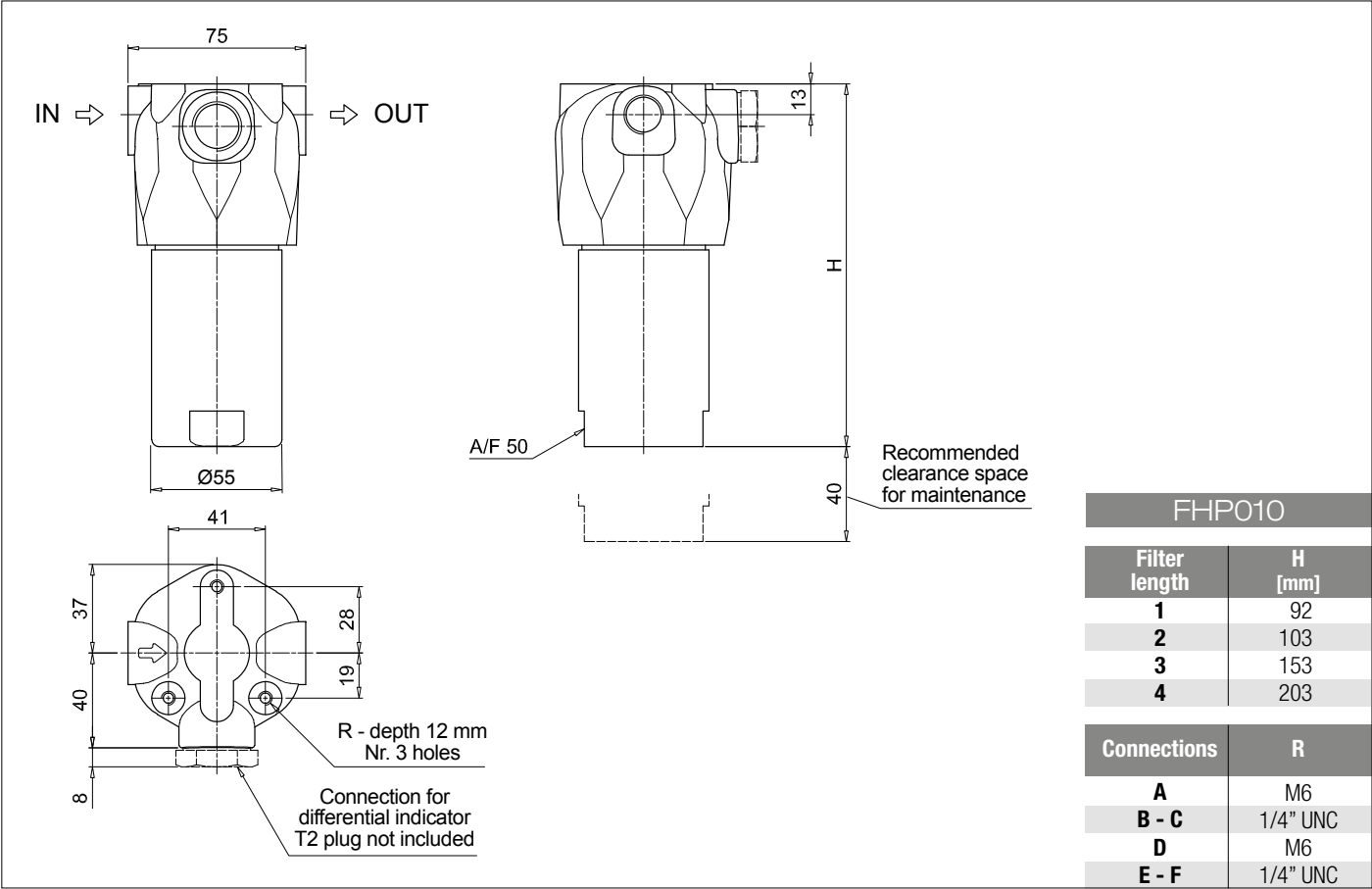
H 210 bar

Execution

P01 MP Filtri standard

Pxx Customized

| ACCESSORIES             |                                                  |         |  |
|-------------------------|--------------------------------------------------|---------|--|
| Differential indicators |                                                  | page    |  |
| DEA                     | Electrical differential indicator                | 577     |  |
| DEH                     | Hazardous area electronic differential indicator | 577-578 |  |
| DEM                     | Electrical differential indicator                | 578-579 |  |
| DLA                     | Electrical / visual differential indicator       | 579-580 |  |
| Additional features     |                                                  | page    |  |
| T2                      | Plug                                             | 582     |  |
| DLE                     | Electrical / visual differential indicator       | 580     |  |
| DTA                     | Electronic differential indicator                | 581     |  |
| DVA                     | Visual differential indicator                    | 581     |  |
| DVM                     | Visual differential indicator                    | 581     |  |



# FHP FHP065 - FHP135

## Designation & Ordering code

COMPLETE FILTER

Series and size

FHP065 | FHP135

Configuration example:

FHP135

2

B

A

G3

A06

S

P01

Length

1

2

3

Valves

S Without bypass

B With bypass 6 bar

T With check valve, without bypass

Seals

A NBR

V FPM

Connections

|    | FHP065                   | FHP135                   |
|----|--------------------------|--------------------------|
| G1 | G 1/2"                   | G 3/4"                   |
| G2 | G 3/4"                   | G 1"                     |
| G3 | 1/2" NPT                 | 3/4" NPT                 |
| G4 | 3/4" NPT                 | 1" NPT                   |
| G5 | SAE 8 - 3/4" - 16 UNF    | SAE 12 - 1 1/16" - 12 UN |
| G6 | SAE 12 - 1 1/16" - 12 UN | SAE 16 - 1 5/16" - 12 UN |
| F1 | -                        | 3/4" SAE 3000 psi/M      |
| F2 | -                        | 1" SAE 3000 psi/M        |
| F3 | -                        | 3/4" SAE 3000 psi/UNC    |
| F4 | -                        | 1" SAE 3000 psi/UNC      |
| F5 | -                        | 3/4" SAE 6000 psi/M      |
| F6 | -                        | 3/4" SAE 6000 psi/UNC    |

Filtration rating (filter media)

|     |                      |       |
|-----|----------------------|-------|
| A03 | Inorganic microfiber | 3 µm  |
| A06 | Inorganic microfiber | 6 µm  |
| A10 | Inorganic microfiber | 10 µm |
| A16 | Inorganic microfiber | 16 µm |
| A25 | Inorganic microfiber | 25 µm |
| M25 | Wire mesh            | 25 µm |

Valves

| Element Δp | S | B | T | D | V | Z |
|------------|---|---|---|---|---|---|
| N 20 bar   |   | • |   |   |   |   |
| R 20 bar   |   |   |   | • |   | • |
| H 210 bar  | • |   |   |   |   |   |
| S 210 bar  |   |   | • |   | • |   |

Execution

|     |                    |
|-----|--------------------|
| P01 | MP Filtri standard |
| Pxx | Customized         |

FILTER ELEMENT

Element series and size

HP065 | HP135

Configuration example:

HP135

2

A06

A

S

P01

Element length

1

2

3

Filtration rating (filter media)

|     |                      |       |     |                      |       |
|-----|----------------------|-------|-----|----------------------|-------|
| A03 | Inorganic microfiber | 3 µm  | A16 | Inorganic microfiber | 16 µm |
| A06 | Inorganic microfiber | 6 µm  | A25 | Inorganic microfiber | 25 µm |
| A10 | Inorganic microfiber | 10 µm | M25 | Wire mesh            | 25 µm |

Seals

|   |     |
|---|-----|
| A | NBR |
| V | FPM |

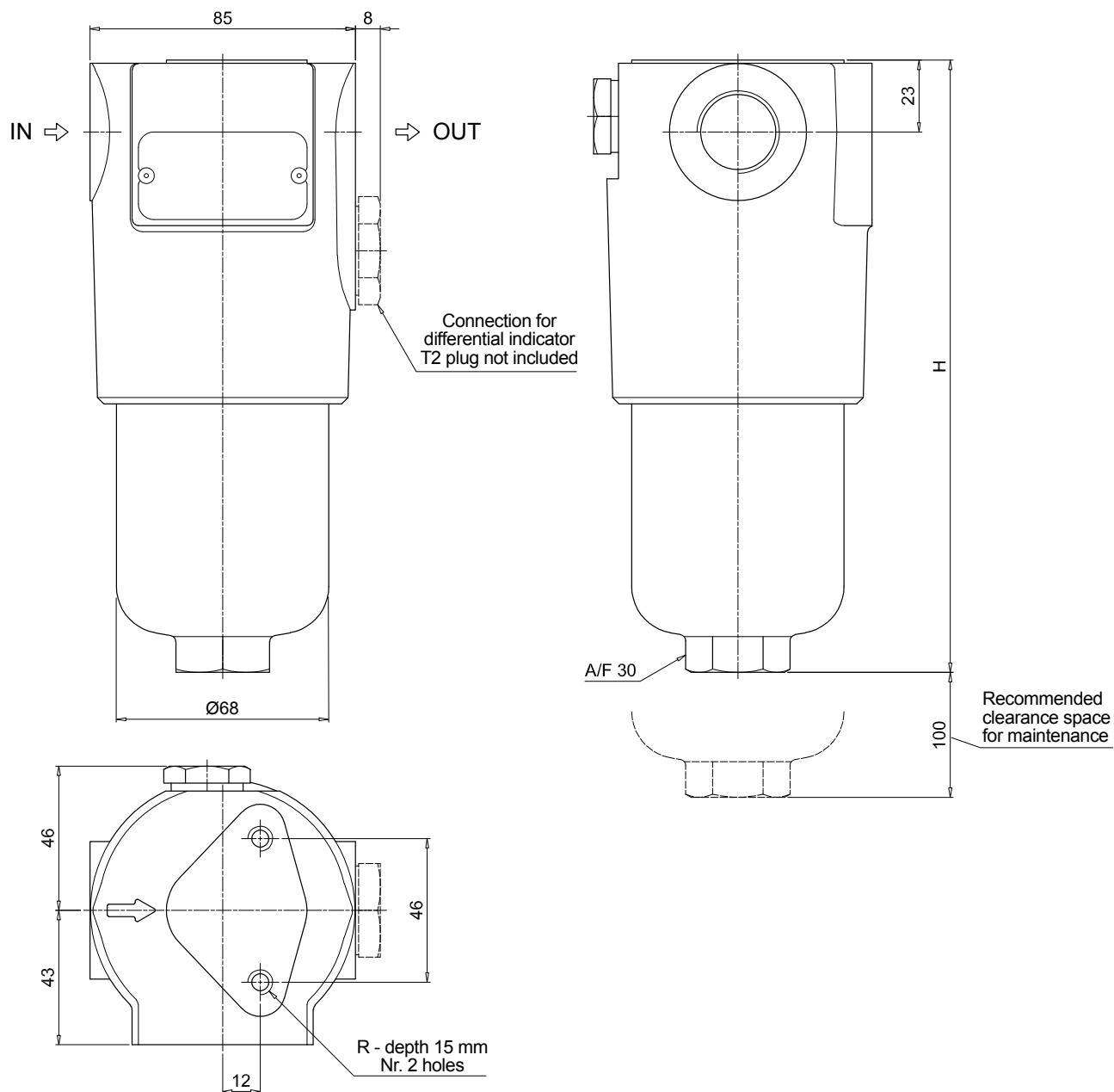
Element Δp

|   |         |
|---|---------|
| N | 20 bar  |
| R | 20 bar  |
| H | 210 bar |
| S | 210 bar |

Execution

|     |                    |
|-----|--------------------|
| P01 | MP Filtri standard |
| Pxx | Customized         |

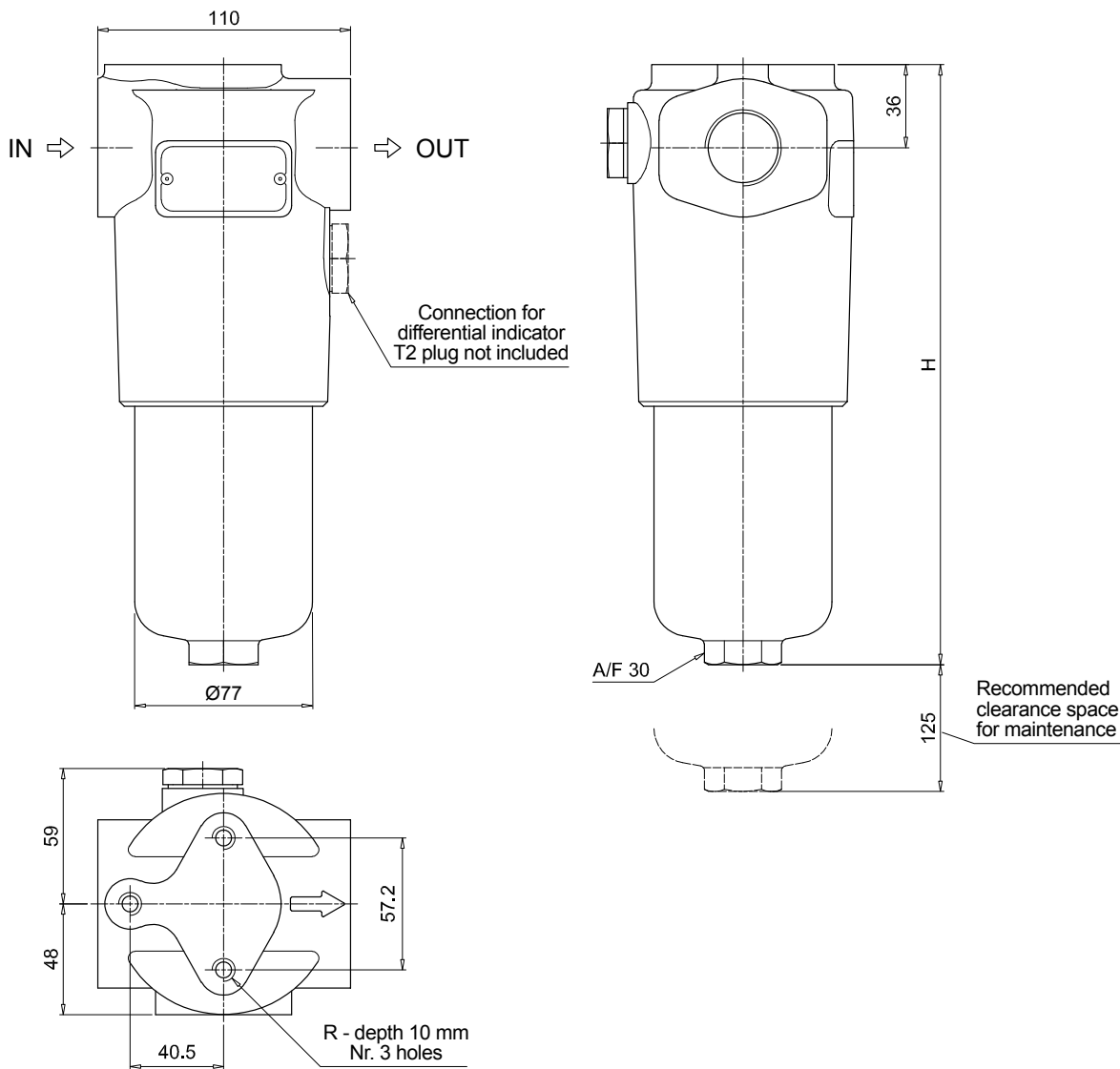
| ACCESSORIES             |                                                  |         |                                                    |
|-------------------------|--------------------------------------------------|---------|----------------------------------------------------|
| Differential indicators |                                                  | page    |                                                    |
| DEA                     | Electrical differential indicator                | 577     | DLE Electrical / visual differential indicator 580 |
| DEH                     | Hazardous area electronic differential indicator | 577-578 | DTA Electronic differential indicator 581          |
| DEM                     | Electrical differential indicator                | 578-579 | DVA Visual differential indicator 581              |
| DLA                     | Electrical / visual differential indicator       | 579-580 | DVM Visual differential indicator 581              |
| Additional features     |                                                  | page    |                                                    |
| T2                      | Plug                                             | 582     |                                                    |



| FHP065        |           |
|---------------|-----------|
| Filter length | H [mm]    |
| 1             | 196       |
| 2             | 227       |
| 3             | 329       |
| Connections   | R         |
| G1-G2         | M8        |
| G3-G4-G5-G6   | 5/16" UNC |

# FHP FHP065 - FHP135

## Dimensions



| FHP135        |          |
|---------------|----------|
| Filter length | H [mm]   |
| 1             | 260      |
| 2             | 373      |
| 3             | 448      |
| Connections   | R        |
| G1-G2         | M10      |
| G3-G4-G5-G6   | 3/8" UNC |
| F1-F2         | M10      |
| F3-F4         | 3/8" UNC |
| F5            | M10      |
| F6            | 3/8" UNC |

COMPLETE FILTER

Series and size

FHP350

Configuration example: FHP350 4 B A D 2 A06 N P01

Length

1 2 3 4

Valves

S Without bypass  
B With bypass 6 bar  
T With check valve, without bypass  
D With check valve, with bypass 6 bar  
V With reverse flow, without bypass  
Z With reverse flow, with bypass 6 bar

Seals

A NBR  
V FPM

Connections

A G 1 1/2"  
B 1 1/2" NPT  
C SAE 24 - 1 7/8" - 12 UN  
D 1 1/2" SAE 3000 psi/M + G 1 1/4"  
E 1 1/2" SAE 3000 psi/UNC + 1 1/4" NPT  
F 1 1/2" SAE 3000 psi/UNC + SAE 20 - 1 5/8" - 12 UN  
G 1 1/4" SAE 3000 psi/M  
H 1 1/4" SAE 3000 psi/UNC  
I 1 1/4" SAE 6000 psi/M  
L 1 1/4" SAE 6000 psi/UNC

Connection for differential indicator

2 With connection

Filtration rating (filter media)

A03 Inorganic microfiber 3 µm  
A06 Inorganic microfiber 6 µm  
A10 Inorganic microfiber 10 µm  
A16 Inorganic microfiber 16 µm  
A25 Inorganic microfiber 25 µm  
M25 Wire mesh 25 µm

Valves

Element Δp S B T D V Z  
N 20 bar  
R 20 bar  
H 210 bar  
S 210 bar

Execution

Filter length 1 2 3 4  
P01 MP Filtri standard  
P02 Maintenance from the bottom of the housing  
Pxx Customized

FILTER ELEMENT

Element series and size

HP320

Configuration example: HP320 4 A06 A N P01

Element length

1 2 3 4

Filtration rating (filter media)

A03 Inorganic microfiber 3 µm  
A06 Inorganic microfiber 6 µm  
A10 Inorganic microfiber 10 µm  
A16 Inorganic microfiber 16 µm  
A25 Inorganic microfiber 25 µm  
M25 Wire mesh 25 µm

Seals

A NBR  
V FPM

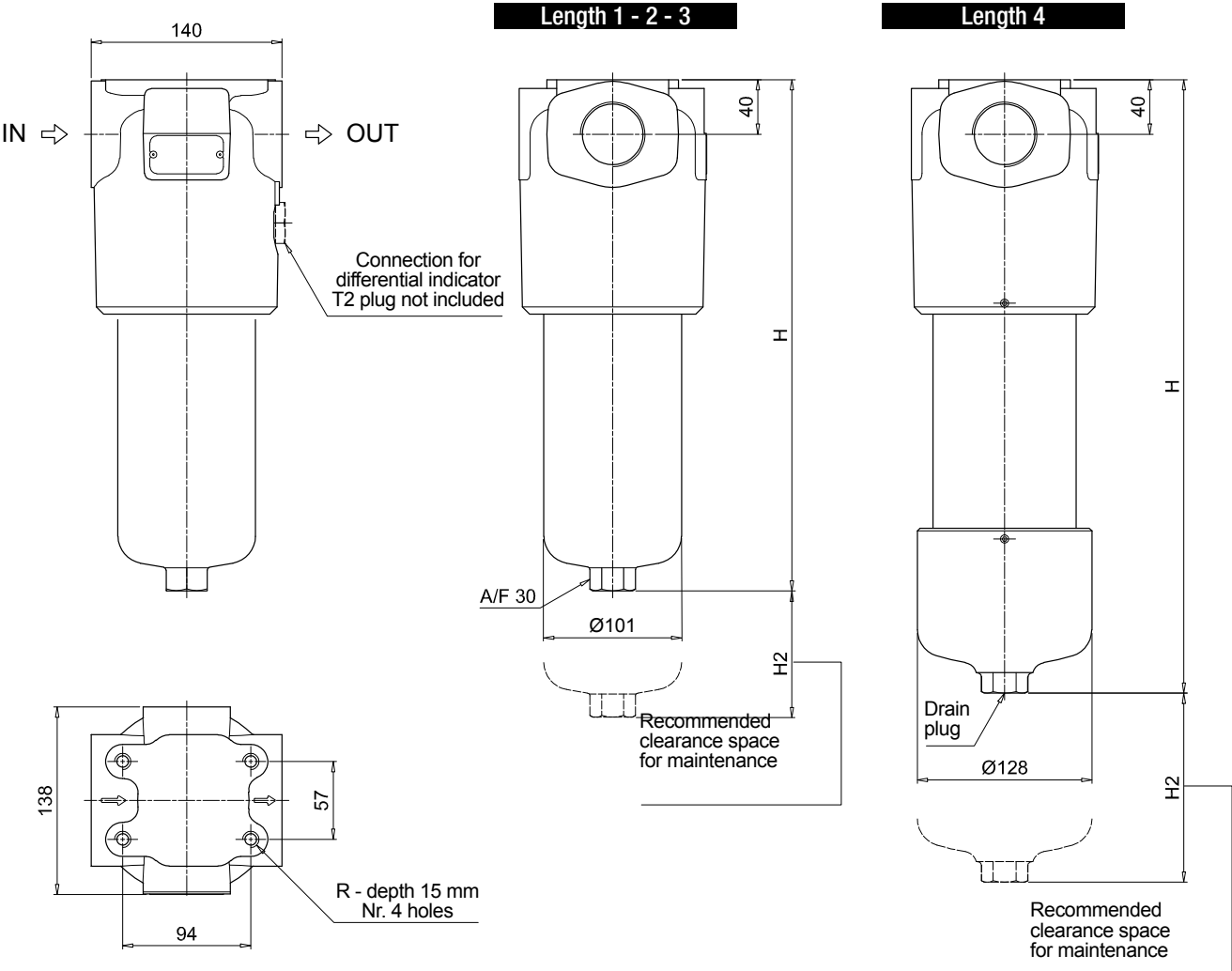
Element Δp

N 20 bar  
R 20 bar  
H 210 bar  
S 210 bar

Execution

P01 MP Filtri standard  
Pxx Customized

| ACCESSORIES             |                                                  |         |                                                    |
|-------------------------|--------------------------------------------------|---------|----------------------------------------------------|
| Differential indicators |                                                  | page    |                                                    |
| DEA                     | Electrical differential indicator                | 577     | DLE Electrical / visual differential indicator 580 |
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| DEM                     | Electrical differential indicator                | 578-579 | DVA Visual differential indicator 581              |
| DLA                     | Electrical / visual differential indicator       | 579-580 | DVM Visual differential indicator 581              |
| Additional features     |                                                  | page    |                                                    |
| T2                      | Plug                                             | 582     |                                                    |



| FHP350        |        |               |     |
|---------------|--------|---------------|-----|
| Filter length | H [mm] | H2 [mm]       |     |
|               |        | Execution P01 | P02 |
| 1             | 295    | 150           | -   |
| 2             | 418    | 150           | -   |
| 3             | 550    | 150           | -   |
| 4             | 703    | 150           | 550 |

| Connections | R        |
|-------------|----------|
| A           | M12      |
| B - C       | 1/2" UNC |
| D           | M12      |
| E - F       | 1/2" UNC |
| G           | M12      |
| H           | 1/2" UNC |
| I           | M12      |
| L           | 1/2" UNC |

COMPLETE FILTER

Series and size

FHP500

Configuration example:

FHP500

4

V

A

F1

A06

S

P01

Length

1

2

3

4

5

Valves

S

Without bypass

B

With bypass 6 bar

T

With check valve, without bypass

D

With check valve, with bypass 6 bar

V

With reverse flow, without bypass

Z

With reverse flow, with bypass 6 bar

Seals

A

NBR

V

FPM

Connections

F1

1 1/2" SAE 3000 psi/M

F2

1 1/2" SAE 3000 psi/UNC

F3

2" SAE 3000 psi/M

F4

2" SAE 3000 psi/UNC + 1 1/2" NPT

F5

1 1/2" SAE 6000 psi/M

F6

1 1/2" SAE 6000 psi/UNC

F7

2" SAE 6000 psi/M + G 1 1/2"

F8

2" SAE 6000 psi/UNC + SAE 24 - 1 7/8" - 12 UN

Filtration rating (filter media)

A03

Inorganic microfiber

3 μm

A06

Inorganic microfiber

6 μm

A10

Inorganic microfiber

10 μm

A16

Inorganic microfiber

16 μm

A25

Inorganic microfiber

25 μm

M25

Wire mesh

25 μm

Valves

Element Δp

S

B

T

D

V

Z

N

20 bar

R

20 bar

S

210 bar

Execution

Filter length

1

2

3

4

5

P01

MP Filtri standard

P02

Maintenance from the bottom of the housing

P03

Drain plug

Pxx

Customized

FILTER ELEMENT

Element series and size

HP500

Configuration example:

HP500

4

A06

A

S

P01

Element length

1

2

3

4

5

Filtration rating (filter media)

A03

Inorganic microfiber

3 μm

A06

Inorganic microfiber

6 μm

A10

Inorganic microfiber

10 μm

A16

Inorganic microfiber

16 μm

A25

Inorganic microfiber

25 μm

M25

Wire mesh

25 μm

Seals

A

NBR

V

FPM

Element Δp

N

20 bar

R

20 bar

S

210 bar

Execution

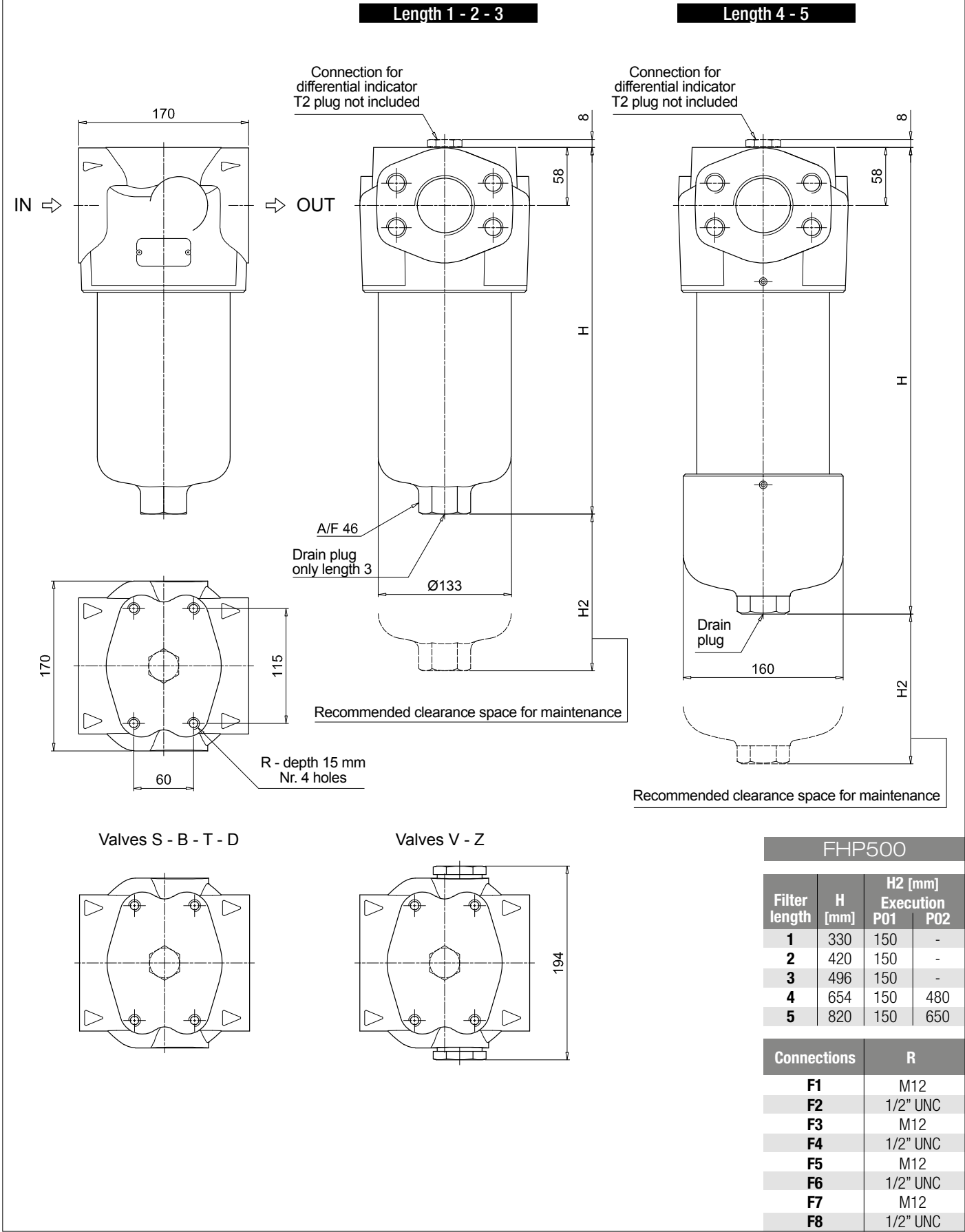
P01

MP Filtri standard

Pxx

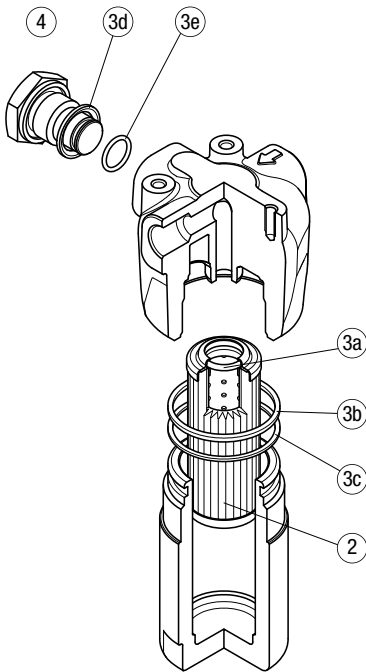
Customized

| ACCESSORIES             |                                                  |         |      |                                            |     |
|-------------------------|--------------------------------------------------|---------|------|--------------------------------------------|-----|
| Differential indicators |                                                  |         | page |                                            |     |
| DEA                     | Electrical differential indicator                | 577     | DLE  | Electrical / visual differential indicator | 580 |
| DEH                     | Hazardous area electronic differential indicator | 577-578 | DTA  | Electronic differential indicator          | 581 |
| DEM                     | Electrical differential indicator                | 578-579 | DVA  | Visual differential indicator              | 581 |
| DLA                     | Electrical / visual differential indicator       | 579-580 | DVM  | Visual differential indicator              | 581 |
| Additional features     |                                                  |         | page |                                            |     |
| T2                      | Plug                                             | 582     |      |                                            |     |



Order number for spare parts

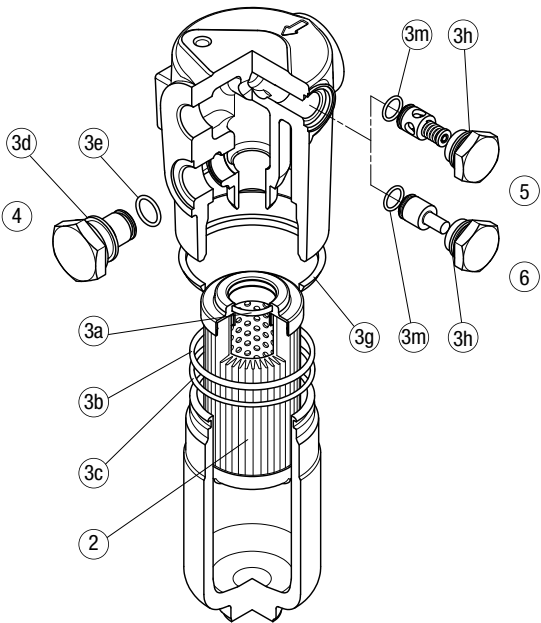
FHP 010 - 011



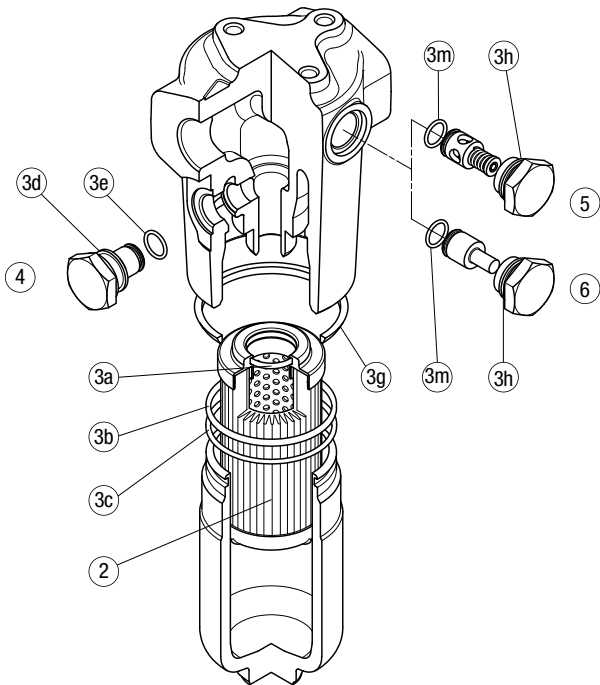
Q.ty:  
nr. 0 pcs. for version 1  
(without indicator port)  
  
nr. 1 pc. for version 2  
(with indicator port)

| Q.ty: 1 pc.   |                 | Q.ty: 1 pc.          |          | Q.ty: 1 pc.               |     |
|---------------|-----------------|----------------------|----------|---------------------------|-----|
| Item:         | 2               | 3 (3a ÷ 3e)          |          | 4                         |     |
| Filter series | Filter element  | Seal Kit code number |          | Indicator connection plug |     |
|               |                 | NBR                  | FPM      | NBR                       | FPM |
| FHP 010-011   | See order table | 02050501             | 02050492 | T2H                       | T2V |

FHP 065



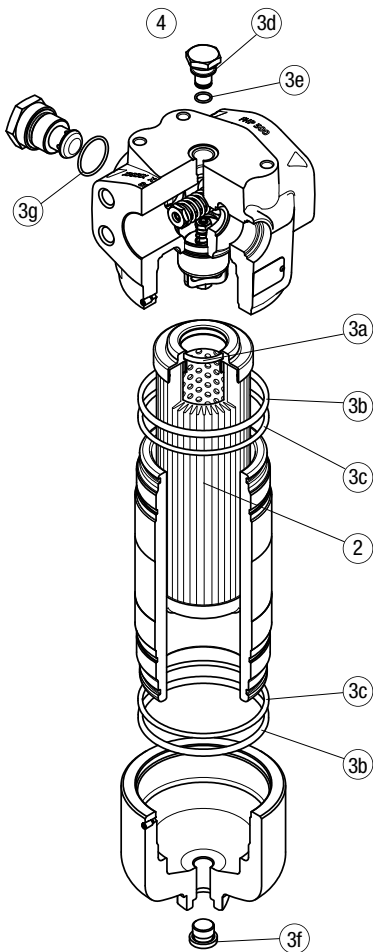
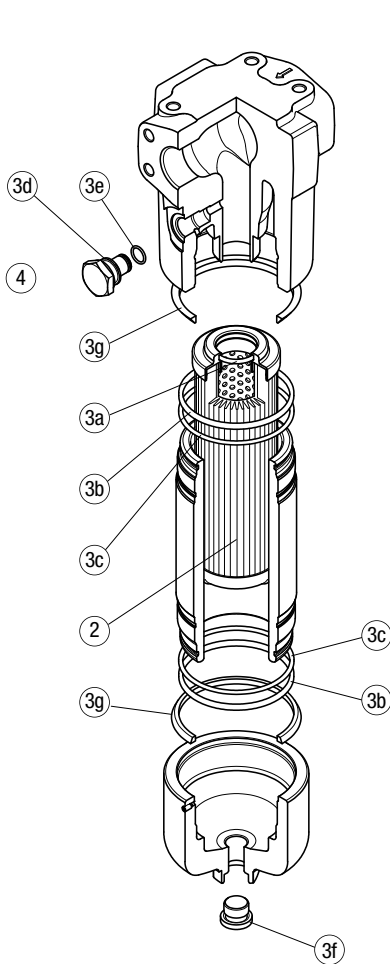
FHP 135



| Q.ty: 1 pc.   |                 | Q.ty: 1 pc.          |          | Q.ty: 1 pc.               |     | Q.ty: 1 pc.     |          | Q.ty: 1 pc.         |          |
|---------------|-----------------|----------------------|----------|---------------------------|-----|-----------------|----------|---------------------|----------|
| Item:         | 2               | 3 (3a ÷ 3m)          |          | 4                         |     | 5               |          | 6                   |          |
| Filter series | Filter element  | Seal Kit code number |          | Indicator connection plug |     | Bypass assembly |          | Non-bypass assembly |          |
|               |                 | NBR                  | FPM      | NBR                       | FPM | NBR             | FPM      | NBR                 | FPM      |
| FHP 065       | See order table | 02050265             | 02050276 | T2H                       | T2V | 02001116        | 02001136 | 02001142            | 02001139 |
| FHP 135       |                 | 02050269             | 02050280 |                           |     | 02001117        | 02001137 | 02001143            | 02001392 |

FHP 350

FHP 500



| Q.ty: 1 pc.   |                 | Q.ty: 1 pc. (3a ÷ 3g for FHP 350)<br>(3a ÷ 3f for FHP 500) |          | Q.ty: 1 pc.               |     |
|---------------|-----------------|------------------------------------------------------------|----------|---------------------------|-----|
| Item:         | 2               | 3                                                          |          | 4                         |     |
| Filter series | Filter element  | Seal Kit code number                                       |          | Indicator connection plug |     |
|               |                 | NBR                                                        | FPM      | NBR                       | FPM |
| FHP 350       | See order table | 02050272                                                   | 02050283 | T2H                       | T2V |
| FHP 500       |                 | 02050330                                                   | 02050331 |                           |     |