



THE X CONCEPT FOR OUR FILTERS

Protect the performance of your system with MYclean.

Quality and efficiency are fundamental for MP Filtri:

this exclusive new filter element possesses polygon shape geometry and specific seal that ensures only original spare parts can be used - ensuring correct operation and higher system reliability.

MPFX series

with  MFX Filter Element



- ◆ **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 MP Filtri filter elements can be used, ensuring the best cleaning level of the oil due to the use of originals filter elements.



The products identified as MPFX are protected by:

- ◆ Italian Patent n° 102014902261205
- ◆ Canadian Patent n° 2,937,258
- ◆ European Patent n° 3 124 092 B1
- ◆ US Patent n° 20170030384 A1

TOGETHER WITH  , AS OPTION, MPFX SERIES CAN BE PROVIDED WITH

zerospark®
THE ANTI-STATIC FILTERS

THE Z CONCEPT FOR OUR FILTERS

Zerospark® is a specialist solution designed to solve the problem of electrostatic discharge inside hydraulic filters. Caused by the electrical charge build-up due to the passage of oil through the filters, this can result in damage to filter elements, oils and circuit components. It can even cause fire hazards in environments where flammable materials are present.



MPFX series

Maximum working pressure up to 0.8 MPa (8 bar) - Flow rate up to 900 l/min



Description

Return filter

Maximum working pressure up to 0.8 MPa (8 bar)

Flow rate up to 900 l/min

MPFX is a range of return filters for protection of the reservoir against the system contamination.

They are directly fixed to the reservoir, in immersed or semi-immersed position.

The filter output must be always immersed into the fluid to avoid aeration or foam generation into the reservoir.

Available features:

- Female threaded connections up to 2" and flanged connections up to 2", for a maximum flow rate of 900 l/min
- Multiple connections, to connect several return lines or drains
- Fine filtration rating, to get a good cleanliness level into the reservoir
- Bypass valve integrated into the filter element, to relieve excessive pressure drop across the filter media
- 2, 3 or 4 fixing holes for installation, to suit a variety of reservoir surfaces
- O-ring or Flat Seal to suit a variety of reservoir surfaces
- Oil dipstick, to easily check the level of the fluid into the reservoir (sold as separate item)
- Extension tube, to be used in deep reservoirs (sold as separate item)
- Diffuser, to reduce the risk of aeration, foaming and noise (sold as separate item)
- Filler plug, to fill cleaned fluid into the tank without an additional connection
- Visual, electrical and electronic clogging indicators
- MYclean interface connection, to protect the product against non-original spare parts
- External protective wrap, to optimize the flow through the element and to save the element efficiency against non-proper handling

Common applications:

- Light Industrial equipment
- Mobile application

Technical data

Filter housing materials

- Head: Aluminium
- Cover: Polyamide: MPFX 030-100-104-110
Aluminium: MPFX 181-182-184-191-192-194
400-410-450-750
- Bowl: Polyamide

Pressure

- Test pressure: 1.2 MPa (12 bar)
- Min. Burst pressure: 2.4 MPa (24 bar)
- Pulse pressure fatigue test: 1 000 000 cycles with pressure from 0 to 0.8 MPa (8 bar)

Bypass valve

- Opening pressure 0.175 MPa (1.75 bar) $\pm 10\%$
- Opening pressure 0.3 MPa (3 bar) $\pm 10\%$

Filter element features

Filter MPFX	Filter element MFX		
Δp Element type			
Element media	Construction	Δp Series	Δp
A - Microfiber	Standard	D	10 bar
M - Wire mesh	Standard	D	10 bar
P - Paper	Standard	D	10 bar
Please see ordering code tables to check element Δp series availability based on filter features.			
Flow direction through the filter element:			
From OUT to IN			

Seals

- Standard NBR series A or W
- Optional FPM series V or Z

Temperature

From -25 °C to +110 °C

Note

MPFX filters are provided for vertical mounting

Weights [kg] and volumes [dm³]

Filter series	Weights [kg]					Volumes [dm³]				
	Length	10	20	30	40	Length	10	20	30	40
MPFX 030		0.40	-	-	-		0.29	-	-	-
MPFX 100		0.61	0.64	0.67	0.74		0.64	0.85	1.20	1.65
MPFX 104		0.82	0.96	1.02	1.25		0.64	0.85	1.20	1.65
MPFX 110		0.64	0.68	0.71	0.78		-	-	-	-
MPFX 181		2.20	3.00	-	-		2.50	4.00	-	-
MPFX 182		2.30	3.10	-	-		2.50	4.00	-	-
MPFX 184		2.55	3.45	-	-		2.65	4.45	-	-
MPFX 191		-	3.00	-	-		-	4.25	-	-
MPFX 192		-	3.10	-	-		-	4.25	-	-
MPFX 194		-	3.45	-	-		-	4.45	-	-
MPFX 400		3.35	3.65	3.90	-		3.70	4.60	5.40	-
MPFX 410		3.55	3.85	4.10	-		3.70	4.60	5.40	-
MPFX 450		3.95	4.25	4.50	-		3.70	4.60	5.40	-
MPFX 750		6.30	-	-	-		8.45	-	-	-

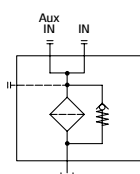
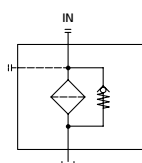
Flow rates [l/min]

Filter series	Length	Filter element design - D series					Filter element design - D series		
		A0003	A0006	A0010	A0016	A0025	M0025 M0060 M0090	P0010	P0025
MPFX 030	10	7	10	24	29	47	84	60	66
MPFX 100-104-110	10	18	20	53	56	65	153	87	96
	20	28	38	65	75	95	158	111	123
	300	48	55	125	135	169	289	224	251
	4	79	89	180	185	198	306	264	289
MPFX 181-182-184	10	127	148	235	243	278	441	285	299
	20	231	262	358	382	388	472	404	412
MPFX 191-192-194	20	261	305	489	528	546	696	583	598
MPFX 400	10	150	171	294	304	350	585	370	390
	20	237	252	454	462	589	868	619	645
	30	248	288	553	609	621	885	680	703
MPFX 410	10	146	167	277	285	325	512	341	357
	20	226	239	396	402	485	644	503	519
	30	236	269	462	497	505	653	539	553
MPFX 450	10	150	171	294	304	350	585	370	390
	20	237	252	454	462	589	868	619	645
	30	248	288	553	609	621	885	680	703
MPFX 750	10	392	465	623	700	769	929	804	819

Maximum flow rate for a complete return filter with a pressure drop $\Delta p = 0.5$ bar.The reference fluid has a kinematic viscosity of 30 mm²/s (cSt) and a density of 0.86 kg/dm³.For different pressure drop or fluid viscosity we recommend to use our selection software available on 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.

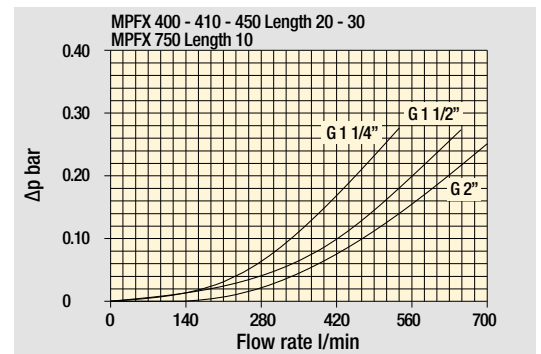
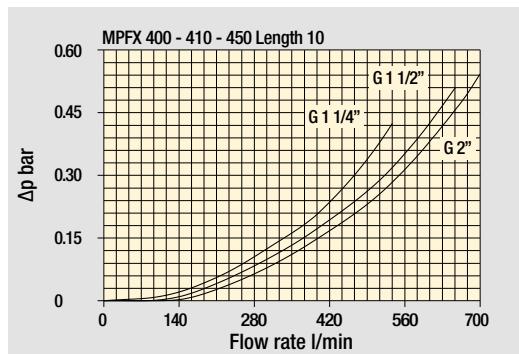
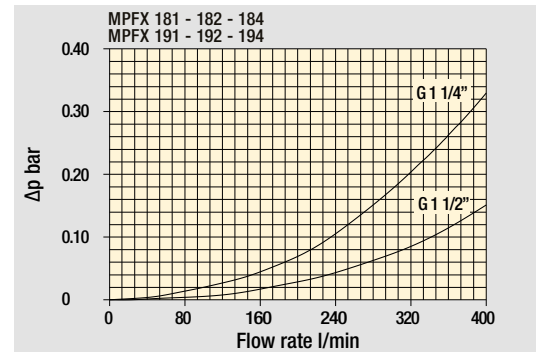
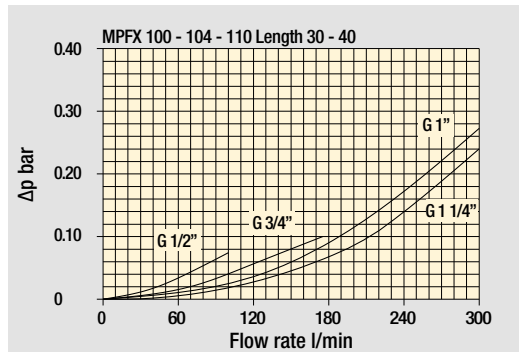
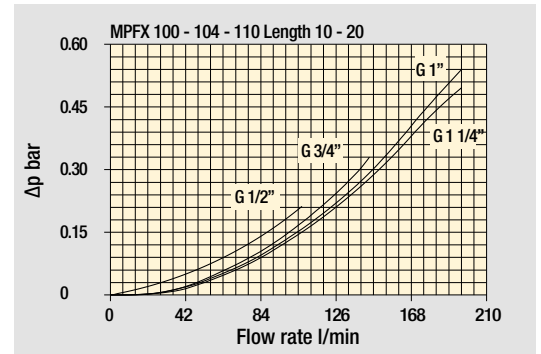
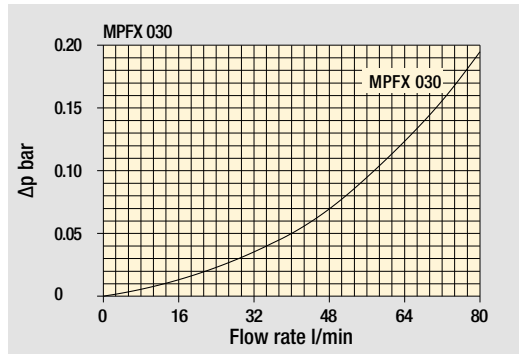
	17/30 - with bypass 1.75 bar/ 3 bar	
Filter series	Style 1 connection	Style 2 connections
MPFX 030	•	-
MPFX 100	•	-
MPFX 104	•	-
MPFX 110	-	•
MPFX 181	•	-
MPFX 182	-	•
MPFX 184	•	•
MPFX 191	•	-
MPFX 192	•	-
MPFX 194	•	•
MPFX 400	•	-
MPFX 410	-	•
MPFX 450	•	-
MPFX 750	•	-



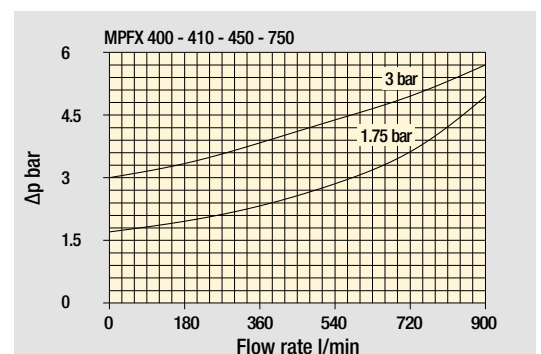
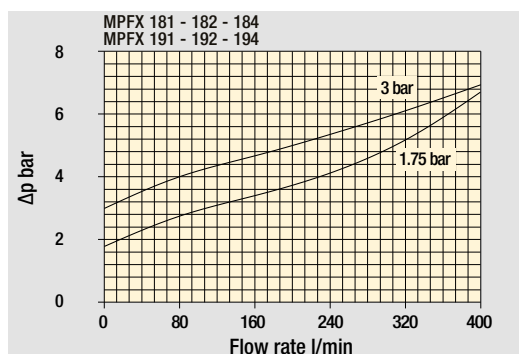
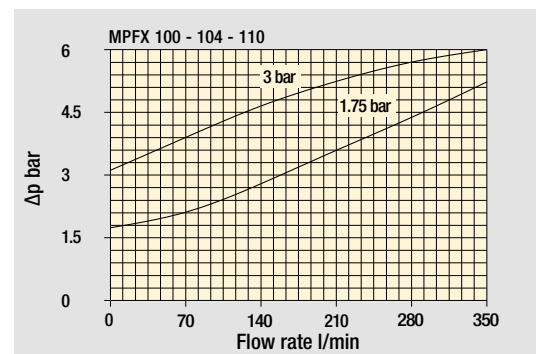
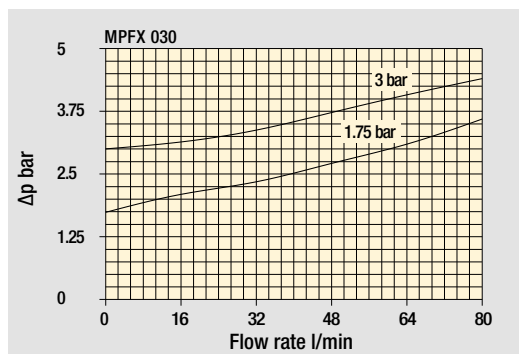
Hydraulic diagram

Pressure drop

Filter housings Δp pressure drop

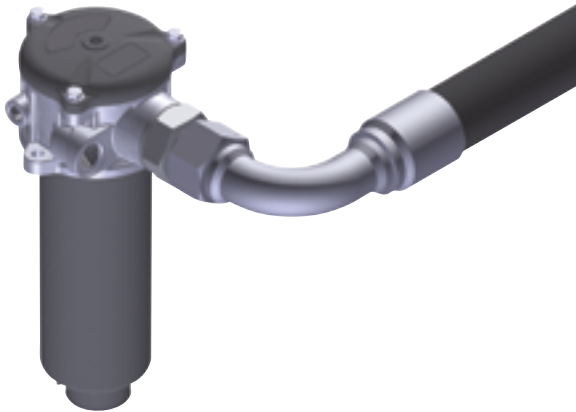


Bypass valve pressure drop

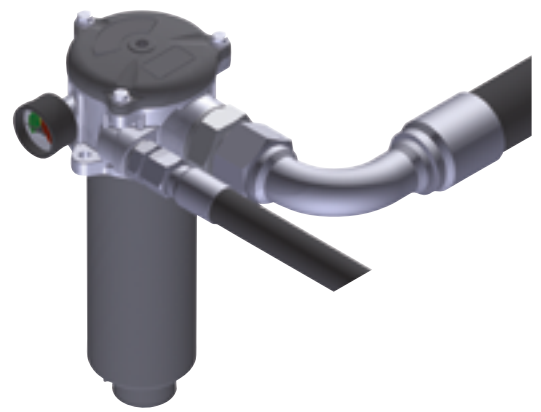


The curves are plotted using mineral oil with density of 0.86 kg/dm³ in compliance with ISO 3968. Δp varies proportionally with density.

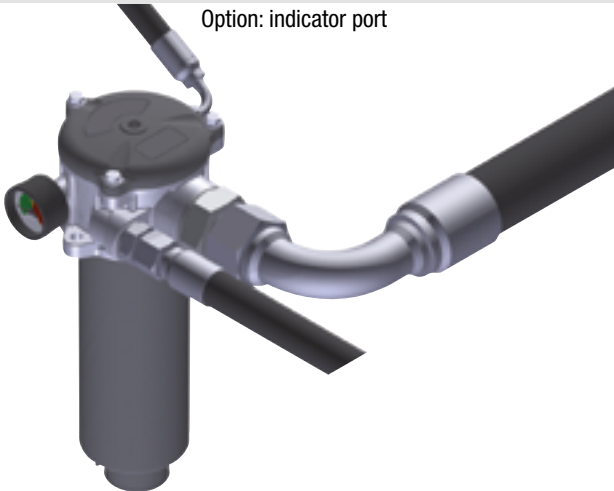
Standard - Single IN port



Double IN port
Option: double indicator port



Double IN port - Drain port
Option: indicator port



Double IN port - Double drain port



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPFX	030	10	Z0010	D	A	30	FS008	0	1T	NN	P01	NN
MPFX	Filter featuring MYCLEAN Filter Element												
Size	030												
Length	10												
Filtration rating (filter media)													
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm						
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm						
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm						
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm						
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm						
	M0025	Wire mesh	25 µm										
	M0060	Wire mesh	60 µm										
	M0090	Wire mesh	90 µm										
	P0010	Resin impregnated paper	10 µm										
	P0025	Resin impregnated paper	25 µm										
				Element Δp									
				D		10 bar							
Seals and treatments				A0xxx	M0xxx	P0xxx	Z0xxx						
A	NBR												
V	FPM												
W	NBR with filter and components surface treatment												
Z	FPM with filter and components surface treatment												
Bypass													
17	With bypass 1.75 bar												
30	With bypass 3.0 bar												
Connections													
FG012	G 1/2"	FN012	1/2" NPT	FS008	SAE 8 - 3/4" - 16 UNF								
Additional connections													
0	Without additional connections												
Connections for clogging indicators													
1T	With top indicator connection, with metal plug												
Additional features													
NN	Without additional features												
Execution													
P01	Standard catalogue item												
Certificates													
NN	None												

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

See page 270

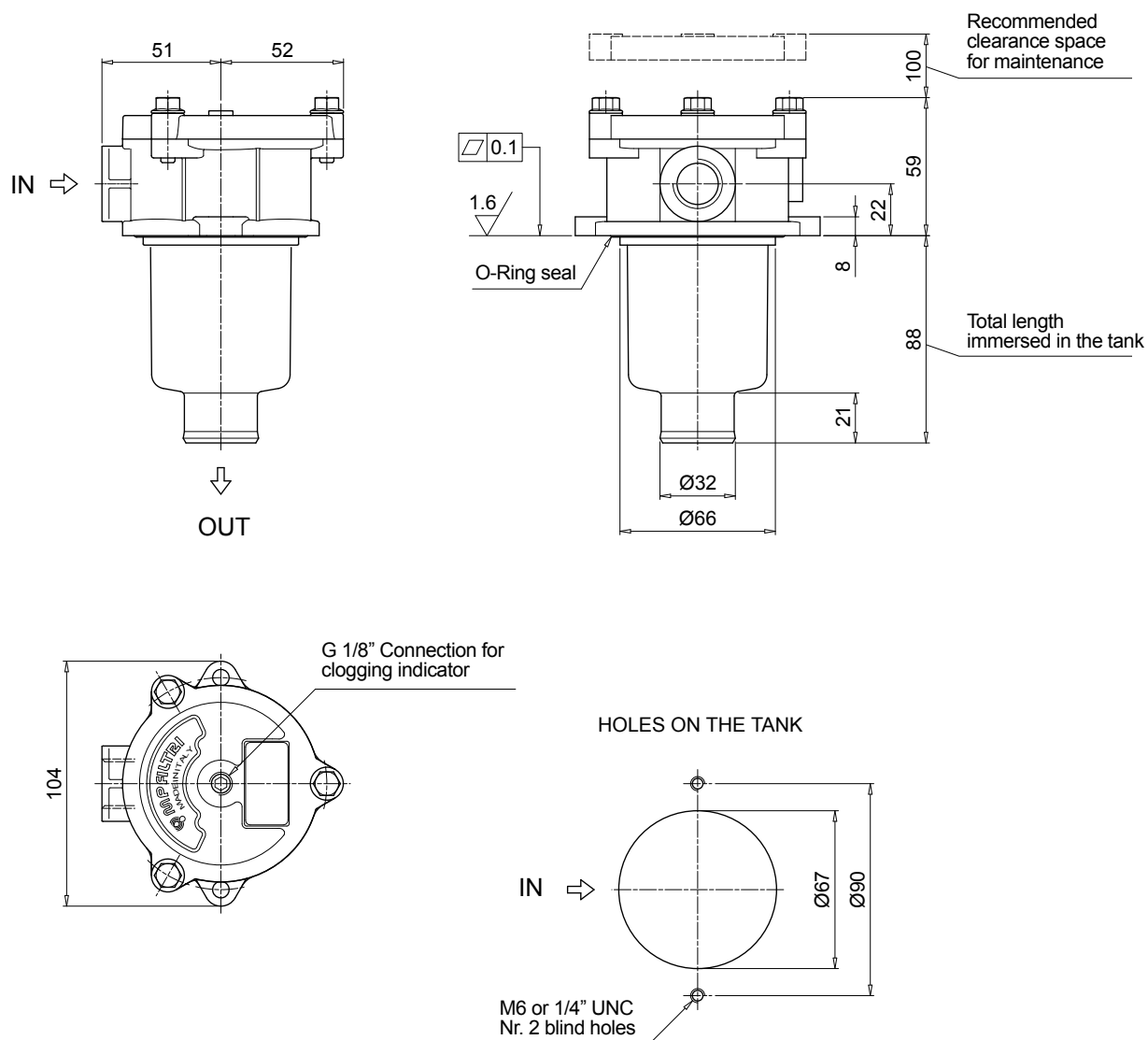
TE	Polyamide extension tube
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FILTER ELEMENT

Series	Example: MFX 030 10 Z0010 D A 30 NN P01 NN										
MFX Filter element with MYCLEAN feature											
Size											
030											
Length											
10											
Filtration rating (filter media)											
MYCLEAN	A0003 Inorganic microfiber 3 µm	zerospark	Z0003 Antistatic in. microf. 3 µm								
	A0006 Inorganic microfiber 6 µm		Z0006 Antistatic in. microf. 6 µm								
	A0010 Inorganic microfiber 10 µm		Z0010 Antistatic in. microf. 10 µm								
	A0016 Inorganic microfiber 16 µm		Z0016 Antistatic in. microf. 16 µm								
	A0025 Inorganic microfiber 25 µm		Z0025 Antistatic in. microf. 25 µm								
	M0025 Wire mesh 25 µm										
	M0060 Wire mesh 60 µm										
	M0090 Wire mesh 90 µm										
	P0010 Resin impregnated paper 10 µm										
	P0025 Resin impregnated paper 25 µm										
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

Dimensions

MPFX030



MPFX

MPFX100 - MPFX104

Designation & Ordering code

COMPLETE FILTER

Series		Example 1:	MPFX	100	20	A0006	D	W	17	FG100	0	1T	NN	P01	NN
MPFX	Filter featuring  Filter Element	Example 2:	MPFX	104	40	P0010	D	A	30	FS012	0	1T	NN	P01	NN

Size	
100	104

Length	
10	30
20	40

Filtration rating (filter media)			
A0003	Inorganic microfiber	3 µm	Z0003 Antistatic in. microf. 3 µm
A0006	Inorganic microfiber	6 µm	Z0006 Antistatic in. microf. 6 µm
A0010	Inorganic microfiber	10 µm	Z0010 Antistatic in. microf. 10 µm
A0016	Inorganic microfiber	16 µm	Z0016 Antistatic in. microf. 16 µm
A0025	Inorganic microfiber	25 µm	Z0025 Antistatic in. microf. 25 µm
M0025	Wire mesh	25 µm	
M0060	Wire mesh	60 µm	
M0090	Wire mesh	90 µm	
P0010	Resin impregnated paper	10 µm	
P0025	Resin impregnated paper	25 µm	

Element Δp

D 10 bar

Seals and treatments	A0xxx	M0xxx	P0xxx	Z0xxx
A NBR	•	•	•	•
V FPM	•	•	•	•
W NBR with filter and components surface treatment	•	•	-	•
Z FPM with filter and components surface treatment	•	•	-	•

Bypass	
17 With bypass 1.75 bar	
30 With bypass 3.0 bar	

Connections		
FG012 G 1/2"	FN012 1/2" NPT	FS008 SAE 8 - 3/4" - 16 UNF
FG034 G 3/4"	FN034 3/4" NPT	FS012 SAE 12 - 1 1/16" - 12 UN
FG100 G 1"	FN100 1" NPT	FS016 SAE 16 - 1 5/16" - 12 UN

Additional connections	
0 Without additional connections	

Connections for clogging indicators	
1T With top indicator connection, with metal plug	

Additional features	
NN Without additional features	

Execution	
P01 Standard catalogue item	

Certificates	
NN None	

CLOGGING INDICATORS

See pages 776-777

BVA Axial pressure gauge	
BVR Radial pressure gauge	
BVP Visual pressure indicator with automatic reset	
BVQ Visual pressure indicator with manual reset	

BEA Electrical pressure indicator	
BEM Electrical pressure indicator	
BLA Electrical / visual pressure indicator	

ACCESSORIES

See page 270

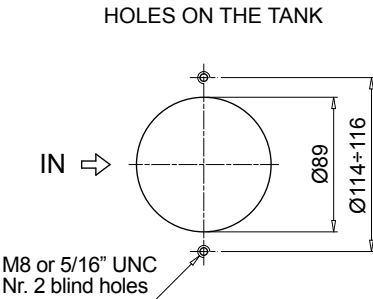
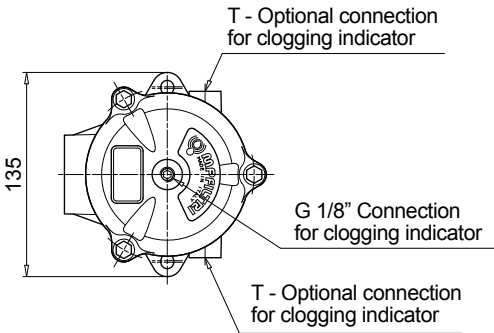
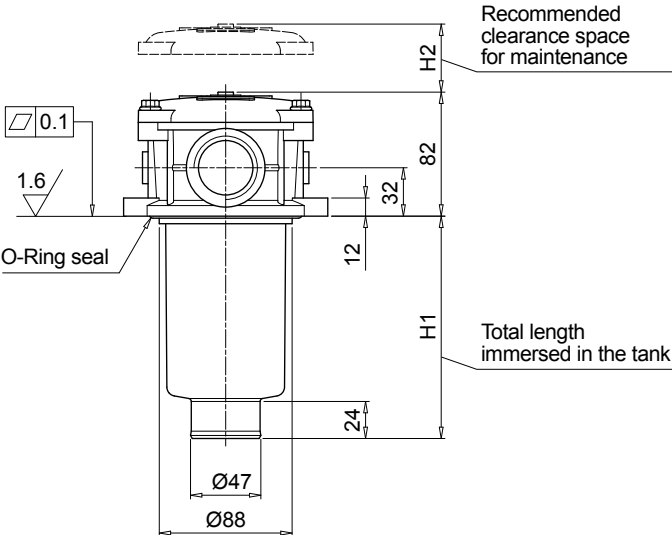
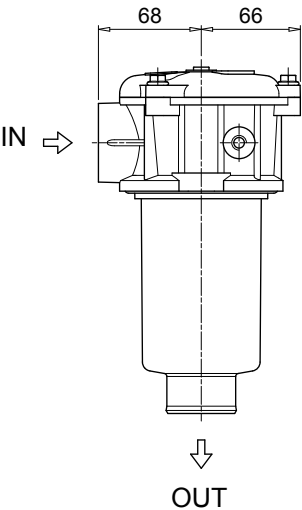
TE Polyamide extension tube	
T5 Filler plug M30x1.5	

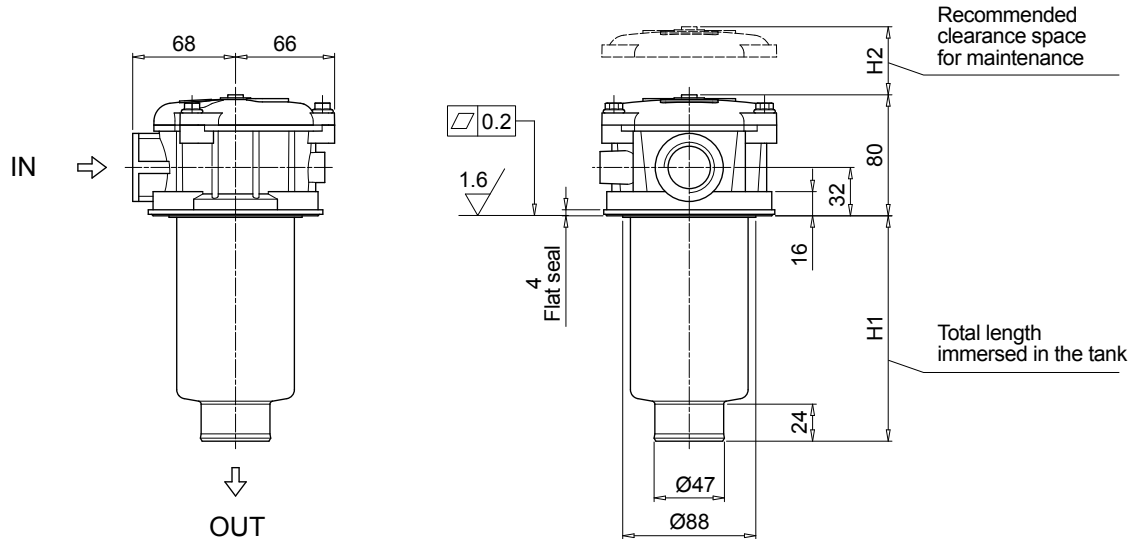
DFS Diffuser with fast lock connection	
DPT Dipstick	

FILTER ELEMENT											
Series		Example 1: MFX 100 20 A0006 D A 17 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 100 40 P0010 D A 30 NN P01 NN									
Size											
100											
Length											
10 30											
20 40											
Filtration rating (filter media)											
MYCLEAN	A0003 Inorganic microfiber 3 µm	zerospark	Z0003 Antistatic in. microf. 3 µm								
	A0006 Inorganic microfiber 6 µm		Z0006 Antistatic in. microf. 6 µm								
	A0010 Inorganic microfiber 10 µm		Z0010 Antistatic in. microf. 10 µm								
	A0016 Inorganic microfiber 16 µm		Z0016 Antistatic in. microf. 16 µm								
	A0025 Inorganic microfiber 25 µm		Z0025 Antistatic in. microf. 25 µm								
	M0025 Wire mesh 25 µm										
	M0060 Wire mesh 60 µm										
	M0090 Wire mesh 90 µm										
	P0010 Resin impregnated paper 10 µm										
	P0025 Resin impregnated paper 25 µm										
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

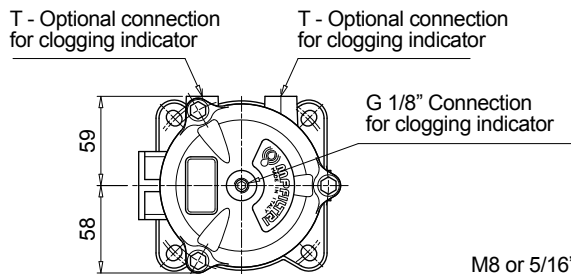
Dimensions

MPFX100		
Filter length	H1 [mm]	H2 [mm]
10	102	120
20	147	170
30	225	250
40	327	350



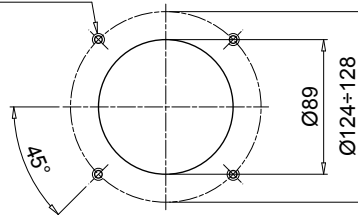


MPFX104		
Filter length	H1 [mm]	H2 [mm]
10	100	120
20	145	170
30	223	250
40	325	350



HOLES ON THE TANK

M8 or 5/16" UNC
Nr. 4 blind holes



Designation & Ordering code

COMPLETE FILTER

Series **MPFX** Example: **MPFX 110 20 Z0025 D Z 30 FN114 2 9T NN P01 NN**

Filter featuring
MY CLEAN Filter Element

Size
110

Length
10 30
20 40

Filtration rating (filter media)

A0003	Inorganic microfiber	3 µm	Z0003	Antistatic in. microf.	3 µm
A0006	Inorganic microfiber	6 µm	Z0006	Antistatic in. microf.	6 µm
A0010	Inorganic microfiber	10 µm	Z0010	Antistatic in. microf.	10 µm
A0016	Inorganic microfiber	16 µm	Z0016	Antistatic in. microf.	16 µm
A0025	Inorganic microfiber	25 µm	Z0025	Antistatic in. microf.	25 µm
M0025	Wire mesh	25 µm			
M0060	Wire mesh	60 µm			
M0090	Wire mesh	90 µm			
P0010	Resin impregnated paper	10 µm			
P0025	Resin impregnated paper	25 µm			

Element Δp
D 10 bar

Seals and treatments

	A0xxx	M0xxx	P0xxx	Z0xxx
A NBR	•	•	•	•
V FPM	•	•	•	•
W NBR with filter and components surface treatment	•	•	-	•
Z FPM with filter and components surface treatment	•	•	-	•

Bypass

17 With bypass 1.75 bar
30 With bypass 3.0 bar

Connections

FG012 G 1/2"	FN012 1/2" NPT	FS008 SAE 8 - 3/4" - 16 UNF
FG034 G 3/4"	FN034 3/4" NPT	FS012 SAE 12 - 1 1/16" - 12 UN
FG100 G 1"	FN100 1" NPT	FS016 SAE 16 - 1 5/16" - 12 UN
FG114 G 1 1/4"	FN114 1 1/4" NPT	FS020 SAE 20 - 1 5/8" - 12 UN

Additional connections

1	Main connection	FG012 FG034 FG100 FG114	G 3/8"	Main connection	FN012 FN034 FN100 FN114	3/8" NPT	Main connection	FS008 FS012 FS016 FS020	SAE 6 - 9/16" 18 UNF
2	Main connection	FG012 FG034 FG100 FG114	G 1/2"	Main connection	FN012 FN034 FN100 FN114	1/2" NPT	Main connection	FS008 FS012 FS016 FS020	SAE 8 - 3/4" 16 UNF

Connections for clogging indicators

9T With multiple indicator connections, with metal plugs

Additional features

NN Without additional features

Execution

P01 Standard catalogue item

Certificates

NN None

CLOGGING INDICATORS

See pages 776-777

BVA Axial pressure gauge
BVR Radial pressure gauge
BVP Visual pressure indicator with automatic reset
BVQ Visual pressure indicator with manual reset

BEA Electrical pressure indicator
BEM Electrical pressure indicator
BLA Electrical / visual pressure indicator

ACCESSORIES

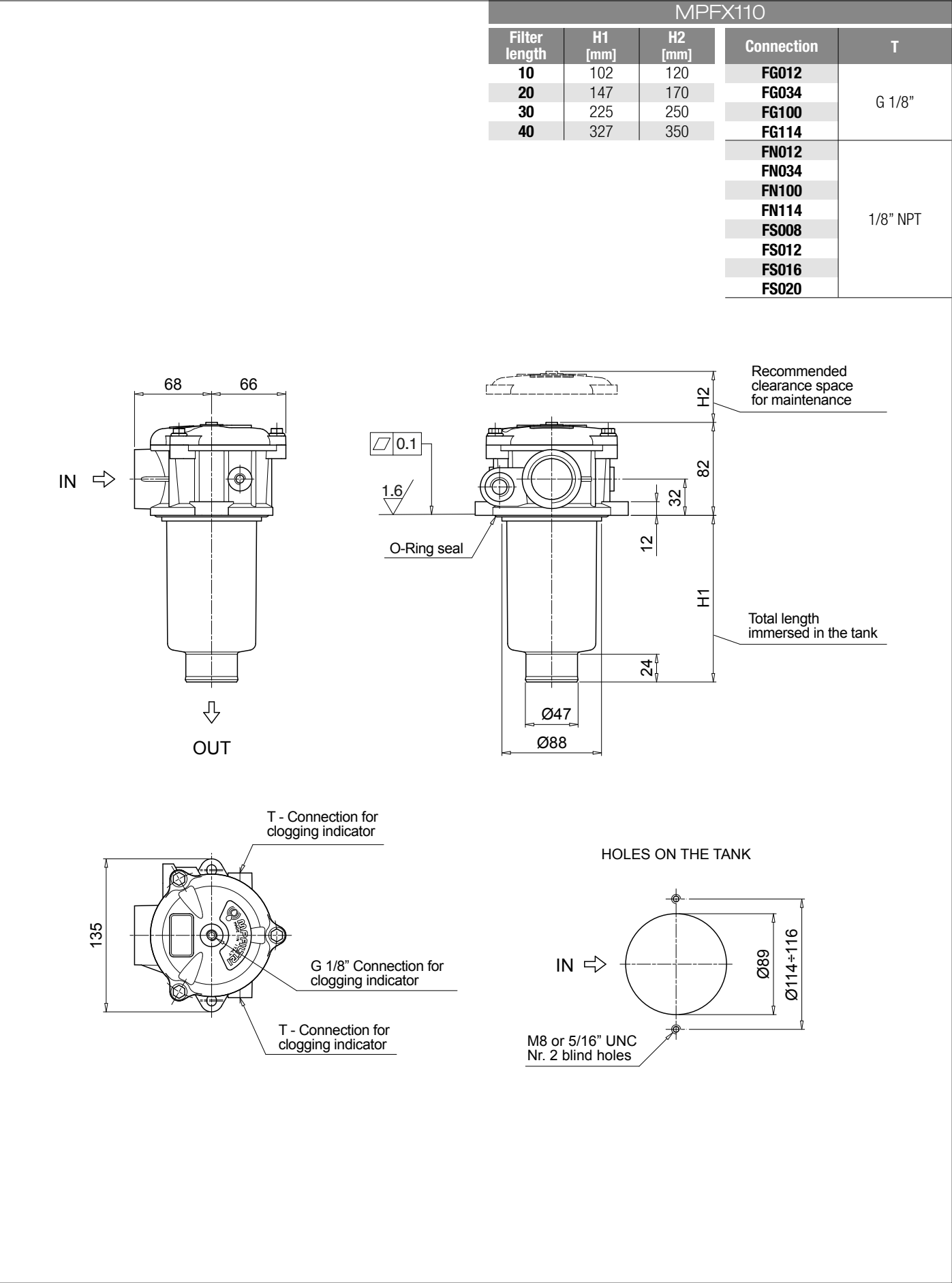
See page 270

TE Polyamide extension tube
T5 Filler plug M30x1.5

DFS Diffuser with fast lock connection
DPT Dipstick

FILTER ELEMENT											
Series		Example: MFX 100 20 Z0025 D V 30 NN P01 NN									
MFX Filter element with MYCLEAN feature											
Size											
100											
Length											
10 30											
20 40											
Filtration rating (filter media)											
MYCLEAN	A0003 Inorganic microfiber 3 µm										
	A0006 Inorganic microfiber 6 µm										
	A0010 Inorganic microfiber 10 µm										
	A0016 Inorganic microfiber 16 µm										
	A0025 Inorganic microfiber 25 µm										
	M0025 Wire mesh 25 µm										
	M0060 Wire mesh 60 µm										
	M0090 Wire mesh 90 µm										
	P0010 Resin impregnated paper 10 µm										
	P0025 Resin impregnated paper 25 µm										
zerospark	Z0003 Antistatic in. microf. 3 µm										
	Z0006 Antistatic in. microf. 6 µm										
	Z0010 Antistatic in. microf. 10 µm										
	Z0016 Antistatic in. microf. 16 µm										
	Z0025 Antistatic in. microf. 25 µm										
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

Dimensions



MPFX

MPFX181 - MPFX191

Designation & Ordering code

COMPLETE FILTER

Series	Example 1: MPFX	181	10	A0025	D	A	30	FG112	0	1T	NN	P01	NN	
MPFX	Filter featuring MY CLEAN Filter Element	Example 2: MPFX	191	20	P0010	D	V	17	FS024	0	1T	SN	P01	NN

Size	181	191
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Length	Size 181	Size 191
10	•	-
20	•	•

Filtration rating (filter media)		
A0003	Inorganic microfiber	3 µm
A0006	Inorganic microfiber	6 µm
A0010	Inorganic microfiber	10 µm
A0016	Inorganic microfiber	16 µm
A0025	Inorganic microfiber	25 µm
M0025	Wire mesh	25 µm
M0060	Wire mesh	60 µm
M0090	Wire mesh	90 µm
P0010	Resin impregnated paper	10 µm
P0025	Resin impregnated paper	25 µm

zero spark	Z0003	Antistatic in. microf.	3 µm
	Z0006	Antistatic in. microf.	6 µm
	Z0010	Antistatic in. microf.	10 µm
	Z0016	Antistatic in. microf.	16 µm
	Z0025	Antistatic in. microf.	25 µm

Element Δp	D	10 bar
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Seals and treatments	A0xxx	M0xxx	P0xxx	Z0xxx
A NBR	•	•	•	•
V FPM	•	•	•	•
W NBR with filter and components surface treatment	•	•	-	•
Z FPM with filter and components surface treatment	•	•	-	•

Bypass
17 With bypass 1.75 bar
30 With bypass 3.0 bar

Connections		
FG114 G 1 1/4"	FN114 1 1/4" NPT	FS020 SAE 20 - 1 5/8" - 12 UN
FG112 G 1 1/2"	FN112 1 1/2" NPT	FS024 SAE 24 - 1 7/8" - 12 UN

Additional connections
0 Without additional connections

Connections for clogging indicators
1T With top indicator connection, with metal plug

Additional features
NN Without additional features
SN With flat seal on head

Execution
P01 Standard catalogue item

Certificates
NN None

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

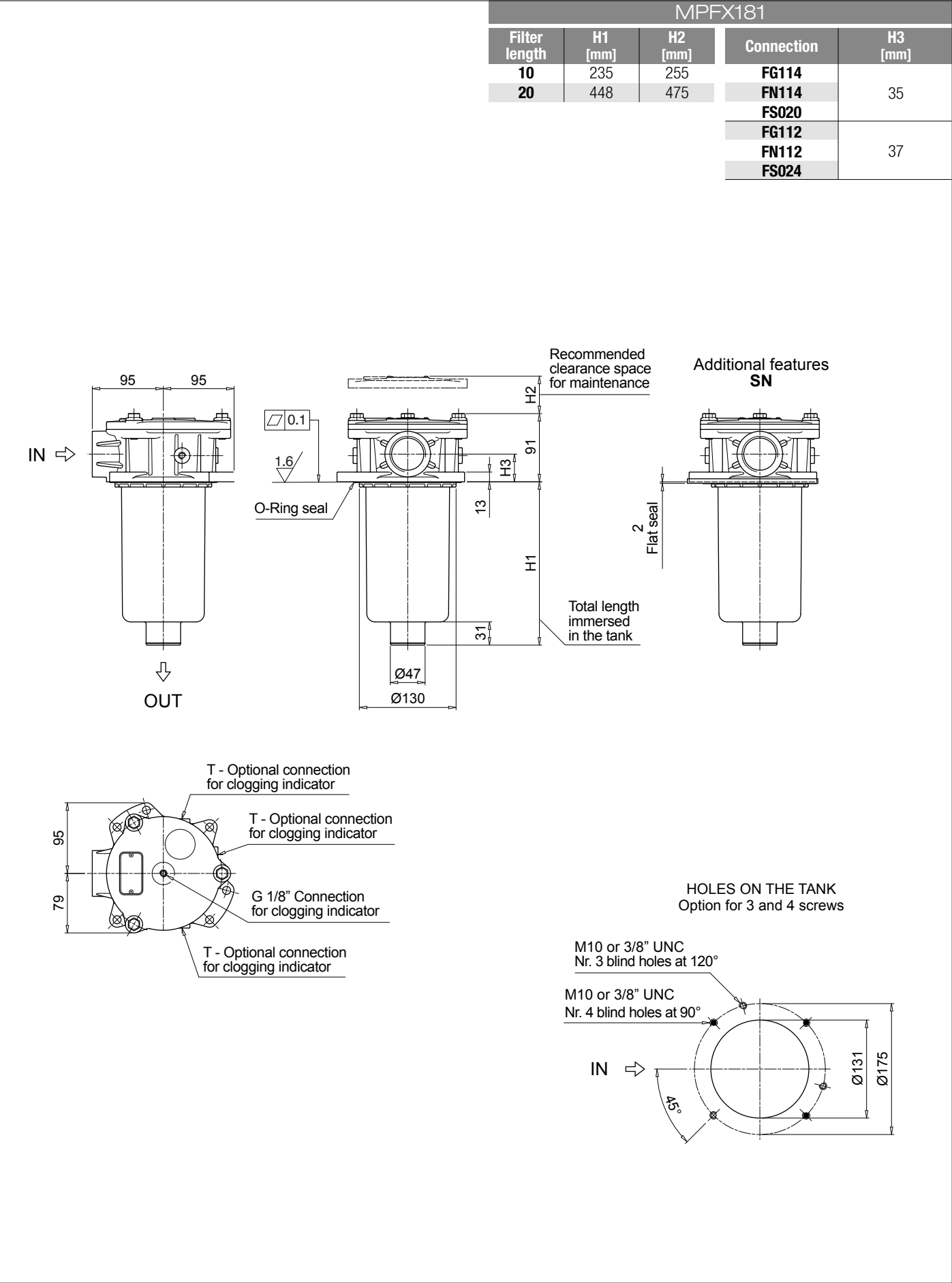
See page 270

TE	Polyamide extension tube
T5	Filler plug M30x1.5

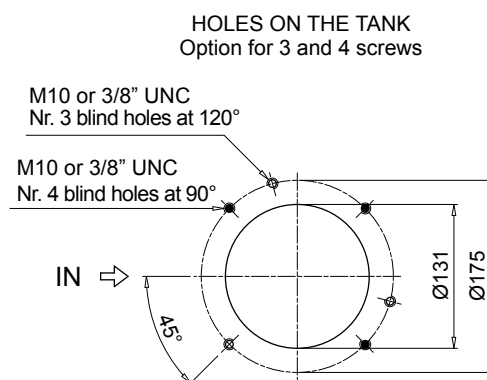
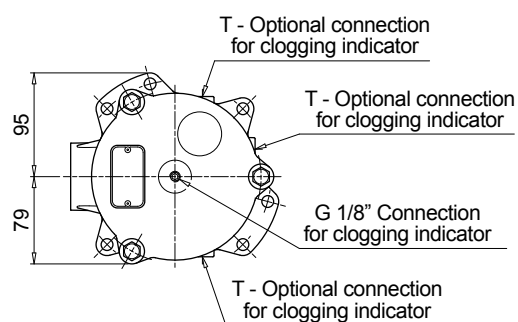
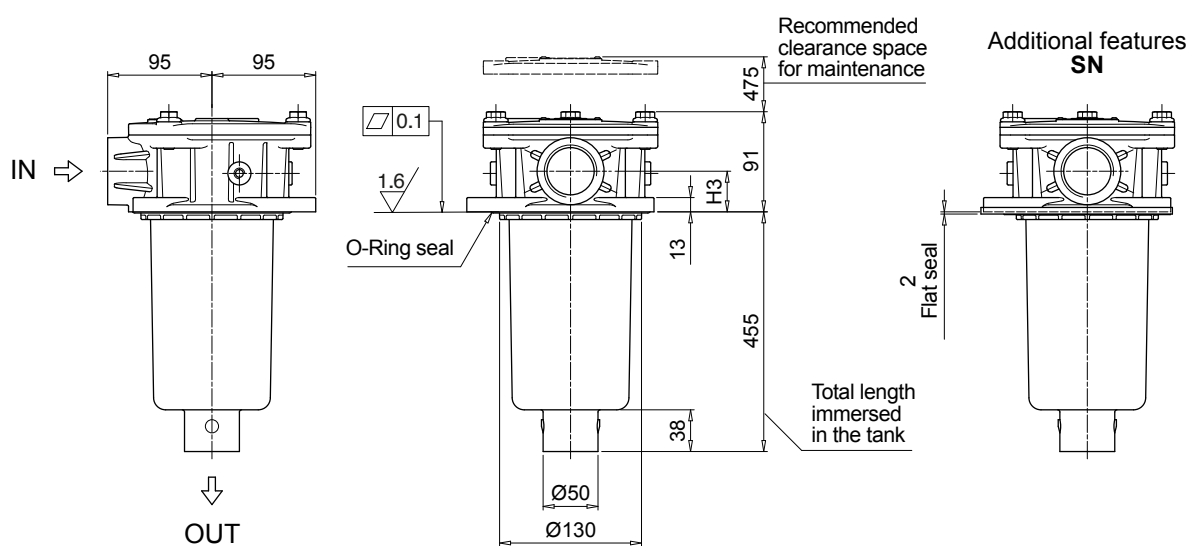
DPT	Dipstick
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FILTER ELEMENT											
Series		Example 1: MFX 180 10 A0025 D A 30 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 180 20 P0010 D V 17 NN P01 NN									
Size											
180											
Length											
10											
20											
Filtration rating (filter media)											
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm				
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm				
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm				
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm				
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm				
	M0025	Wire mesh	25 µm								
	M0060	Wire mesh	60 µm								
	M0090	Wire mesh	90 µm								
	P0010	Resin impregnated paper	10 µm								
	P0025	Resin impregnated paper	25 µm								
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

Dimensions



MPFX191	
Connection	H3 [mm]
FG114	35
FN114	
FS020	
FG112	37
FN112	
FS024	



MPFX MPFX182 - MPFX192

Designation & Ordering code

COMPLETE FILTER

Series	Example 1:	MPFX	182	10	A0025	D	A	30	FN114	2	1T	NN	P01	NN
MPFX	Example 2:	MPFX	192	20	P0010	D	V	17	FS020	1	1T	SN	P01	NN

Size	
182	192

Length	Size 182	Size 192
10	•	-
20	•	•

Filtration rating (filter media)			
MY CLEAN	A0003	Inorganic microfiber	3 µm
	A0006	Inorganic microfiber	6 µm
	A0010	Inorganic microfiber	10 µm
	A0016	Inorganic microfiber	16 µm
	A0025	Inorganic microfiber	25 µm
	M0025	Wire mesh	25 µm
	M0060	Wire mesh	60 µm
	M0090	Wire mesh	90 µm
	P0010	Resin impregnated paper	10 µm
	P0025	Resin impregnated paper	25 µm

zerospark®

Z0003	Antistatic in. microf.	3 µm
Z0006	Antistatic in. microf.	6 µm
Z0010	Antistatic in. microf.	10 µm
Z0016	Antistatic in. microf.	16 µm
Z0025	Antistatic in. microf.	25 µm

Element Δp
D 10 bar

Seals and treatments	A0xxx	M0xxx	P0xxx	Z0xxx
A NBR	•	•	•	•
V FPM	•	•	•	•
W NBR with filter and components surface treatment	•	•	-	•
Z FPM with filter and components surface treatment	•	•	-	•

Bypass
17 With bypass 1.75 bar
30 With bypass 3.0 bar

Connections
FG114 G 1 1/4" FN114 1 1/4" NPT FS020 SAE 20 - 1 5/8" - 12 UN

Additional connections
1 Front thread
FG114 G 1/2"
FN114 1/2" NPT
FS020 SAE 8 - 3/4" - 16 UNF
2 Front thread
FG114 G 3/4"
FN114 3/4" NPT
FS020 SAE 12 - 1 1/16" - 12 UN

Connections for clogging indicators
1T With top indicator connection, with metal plug

Additional features
NN Without additional features
SN With flat seal on head

Execution
P01 Standard catalogue item

Certificates
NN None

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

See page 270

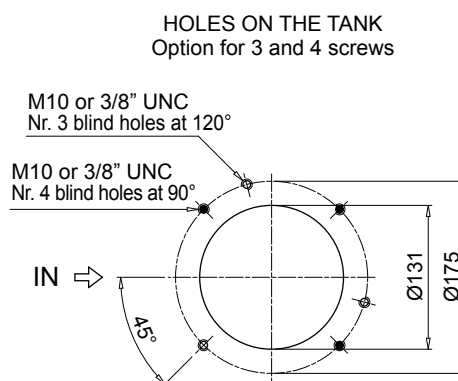
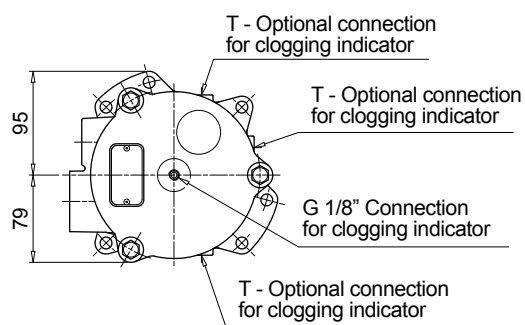
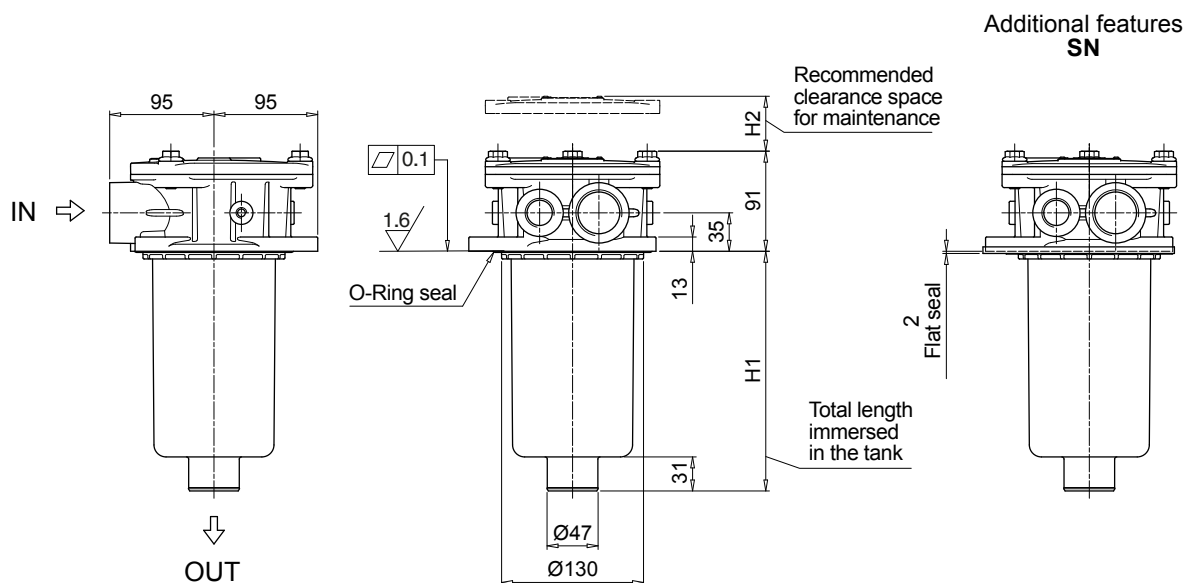
TE	Polyamide extension tube
T5	Filler plug M30x1.5

DPT	Dipstick
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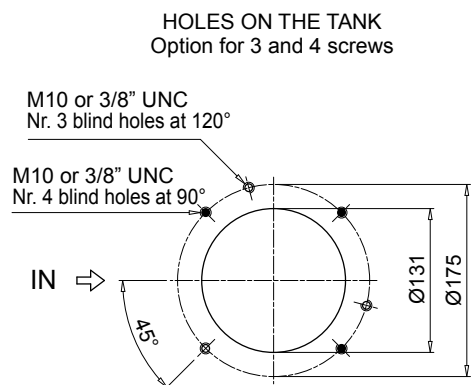
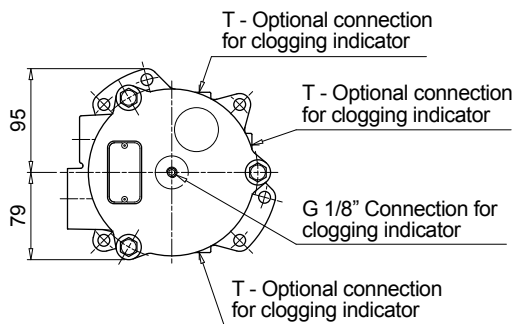
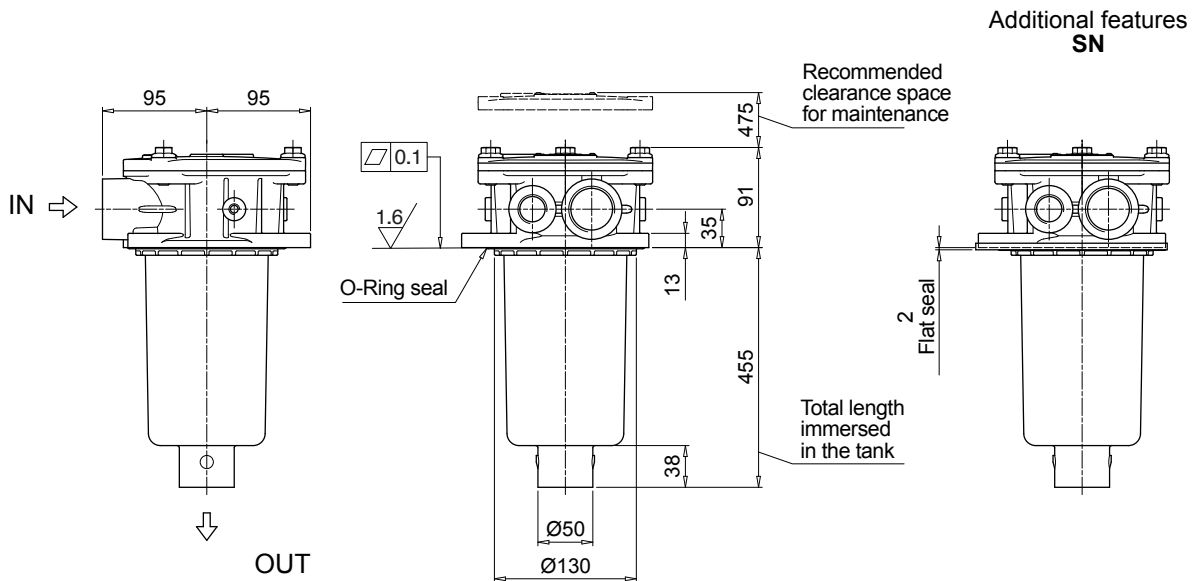
FILTER ELEMENT											
Series		Example 1: MFX 180 10 A0025 D A 30 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 180 20 P0010 D V 17 NN P01 NN									
Size											
180											
Length											
10											
20											
Filtration rating (filter media)											
MYCLEAN	A0003 Inorganic microfiber 3 µm	zerospark	Z0003 Antistatic in. microf. 3 µm								
	A0006 Inorganic microfiber 6 µm		Z0006 Antistatic in. microf. 6 µm								
	A0010 Inorganic microfiber 10 µm		Z0010 Antistatic in. microf. 10 µm								
	A0016 Inorganic microfiber 16 µm		Z0016 Antistatic in. microf. 16 µm								
	A0025 Inorganic microfiber 25 µm		Z0025 Antistatic in. microf. 25 µm								
	M0025 Wire mesh 25 µm										
	M0060 Wire mesh 60 µm										
	M0090 Wire mesh 90 µm										
	P0010 Resin impregnated paper 10 µm										
	P0025 Resin impregnated paper 25 µm										
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

Dimensions

MPFX182		
Filter length	H1 [mm]	H2 [mm]
10	235	255
20	448	475



MPFX192



MPFX MPFX184 - MPFX194

Designation & Ordering code

COMPLETE FILTER

Series	Example 1:	MPFX	184	10	A0025	D	A	30	FN114	0	9T	NN	P01	NN
MPFX	Example 2:	MPFX	194	20	P0010	D	V	17	FS020	1	9T	NN	P01	NN

Size	
184	194

Length	Size 184	Size 194
10	•	-
20	•	•

Filtration rating (filter media)			
MY CLEAN	A0003	Inorganic microfiber	3 µm
	A0006	Inorganic microfiber	6 µm
	A0010	Inorganic microfiber	10 µm
	A0016	Inorganic microfiber	16 µm
	A0025	Inorganic microfiber	25 µm
	M0025	Wire mesh	25 µm
	M0060	Wire mesh	60 µm
	M0090	Wire mesh	90 µm
	P0010	Resin impregnated paper	10 µm
	P0025	Resin impregnated paper	25 µm
Element Δp			
D 10 bar			

Seals and treatments	A0xxx	M0xxx	P0xxx	Z0xxx
A NBR	•	•	•	•
V FPM	•	•	•	•
W NBR with filter and components surface treatment	•	•	-	•
Z FPM with filter and components surface treatment	•	•	-	•

Bypass	
17	With bypass 1.75 bar
30	With bypass 3.0 bar

Connections							
FG114	G 1 1/4"	FN114	1 1/4" NPT	FS020	SAE 20 - 1 5/8" - 12 UN	FE112	1 1/2" SAE 3000 psi/M
FG112	G 1 1/2"	FN112	1 1/2" NPT	FS024	SAE 24 - 1 7/8" - 12 UN	FF112	1 1/2" SAE 3000 psi/UNC

Additional connections						
0	Without additional connection					
1	Main connection	FG114	G 1 1/4"	Main connection	FS020	SAE 20 - 1 5/8" - 12 UN
		FG112			FS024	
		FN114			FE112	
		FN112			FF112	
		1 1/4" NPT			1 1/2" SAE 3000 psi/M	

Connections for clogging indicators	
9T	With multiple indicator connections, with metal plugs

Additional features	
NN	Without additional features

Execution	
P01	Standard catalogue item

Certificates	
NN	None

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

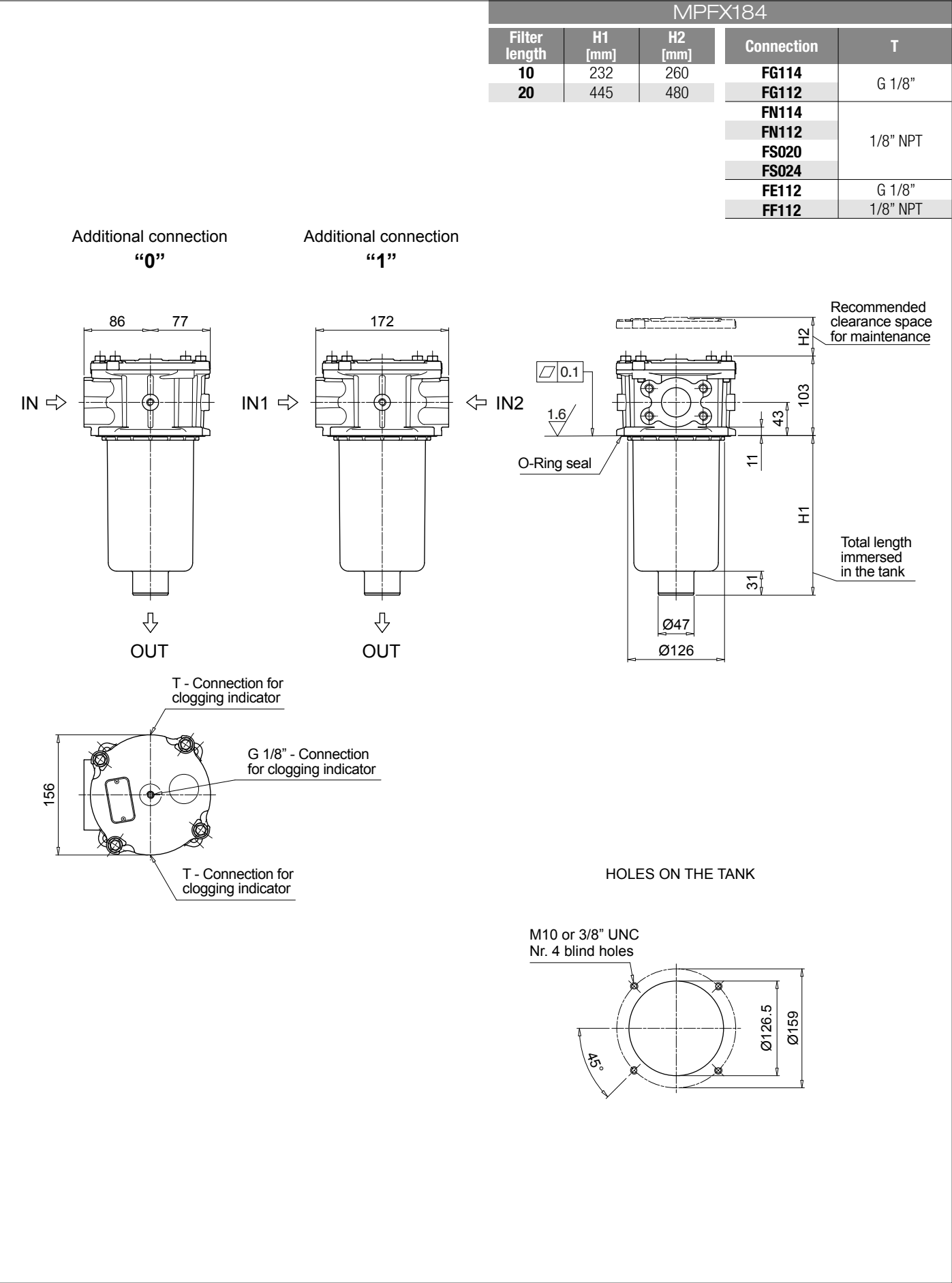
See page 270

TE	Polyamide extension tube
T5	Filler plug M30x1.5

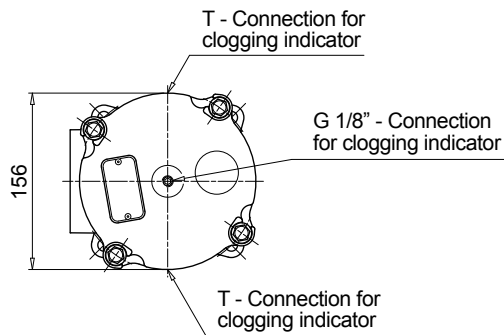
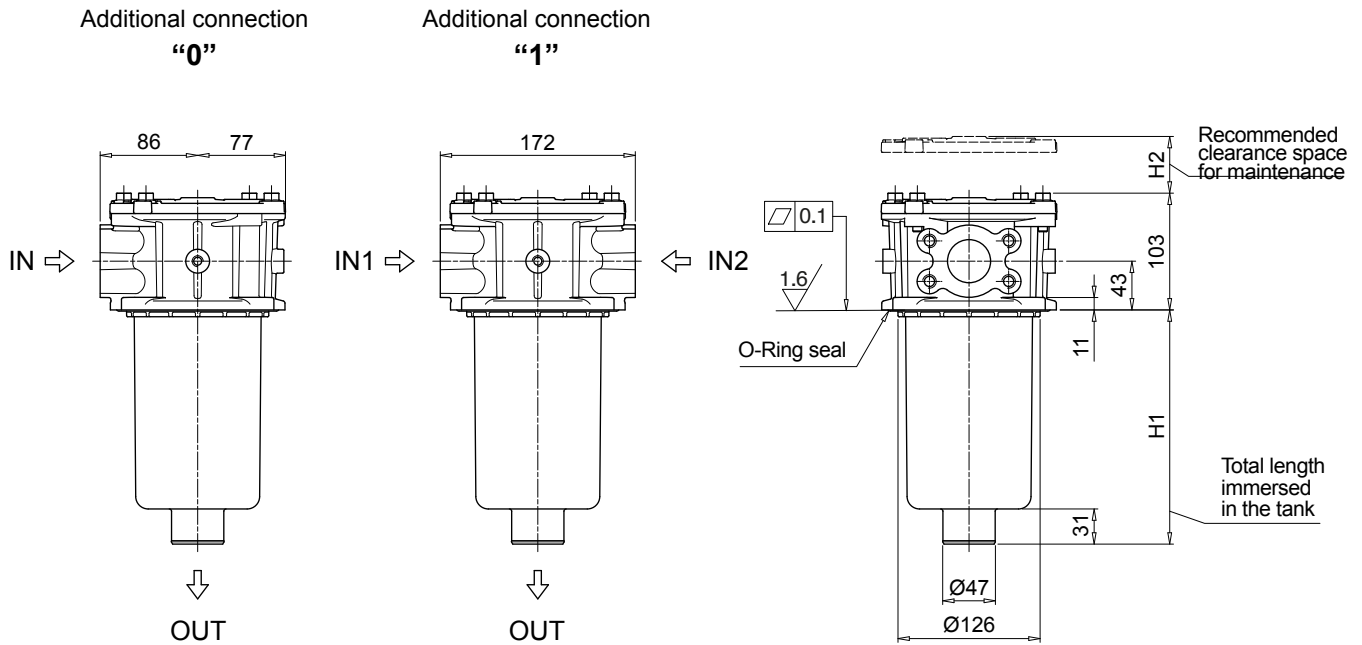
DPT	Dipstick
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FILTER ELEMENT											
Series		Example 1: MFX 180 10 A0025 D A 30 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 180 20 P0010 D V 17 NN P01 NN									
Size											
180											
Length											
10											
20											
Filtration rating (filter media)											
MYCLEAN	A0003 Inorganic microfiber 3 µm	zerospark	Z0003 Antistatic in. microf. 3 µm								
	A0006 Inorganic microfiber 6 µm		Z0006 Antistatic in. microf. 6 µm								
	A0010 Inorganic microfiber 10 µm		Z0010 Antistatic in. microf. 10 µm								
	A0016 Inorganic microfiber 16 µm		Z0016 Antistatic in. microf. 16 µm								
	A0025 Inorganic microfiber 25 µm		Z0025 Antistatic in. microf. 25 µm								
	M0025 Wire mesh 25 µm										
	M0060 Wire mesh 60 µm										
	M0090 Wire mesh 90 µm										
	P0010 Resin impregnated paper 10 µm										
	P0025 Resin impregnated paper 25 µm										
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

Dimensions

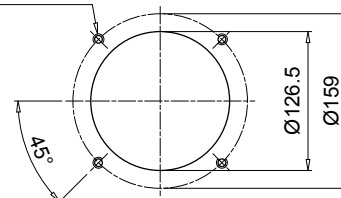


MPFX194	
Connection	T
FG114	G 1/8"
FG112	
FN114	1/8" NPT
FN112	
FS020	
FS024	G 1/8"
FE112	
FF112	1/8" NPT



HOLES ON THE TANK

M10 or 3/8" UNC
Nr. 4 blind holes



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPFX	400	10	A0025	D	A	30	FG112	0	1T	NN	P01	NN
MPFX	Filter featuring MY CLEAN Filter Element												
Size	400												
Length	10												
20													
30													
Filtration rating (filter media)													
MY CLEAN	A0003	Inorganic microfiber	3 µm	zero spark	Z0003	Antistatic in. microf.	3 µm						
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm						
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm						
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm						
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm						
	M0025	Wire mesh	25 µm										
	M0060	Wire mesh	60 µm										
	M0090	Wire mesh	90 µm										
	P0010	Resin impregnated paper	10 µm										
	P0025	Resin impregnated paper	25 µm										
				Element Δp		D 10 bar							
Seals and treatments				A0xxx	M0xxx	P0xxx	Z0xxx						
A	NBR			•	•	•	•						
V	FPM			•	•	•	•						
W	NBR with filter and components surface treatment			•	•	-	•						
Z	FPM with filter and components surface treatment			•	•	-	•						
Bypass													
17	With bypass 1.75 bar												
30	With bypass 3.0 bar												
Connections													
FG114	G 1 1/4"	FN114	1 1/4" NPT	FS020	SAE 20 - 1 5/8" - 12 UN								
FG112	G 1 1/2"	FN112	1 1/2" NPT	FS024	SAE 24 - 1 7/8" - 12 UN								
FG200	G 2"	FN200	2" NPT	FS032	SAE 32 - 2 1/2" - 12 UN								
Additional connections													
0	Without additional connections												
Connections for clogging indicators													
1T	With top indicator connection, with metal plug												
Additional features													
NN	Without additional features												
Execution													
P01	Standard catalogue item												
Certificates													
NN	None												

CLOGGING INDICATORS

See pages 776-777

BVA Axial pressure gauge
BVR Radial pressure gauge
BVP Visual pressure indicator with automatic reset
BVQ Visual pressure indicator with manual reset

BEA Electrical pressure indicator
BEM Electrical pressure indicator
BLA Electrical / visual pressure indicator

ACCESSORIES

See page 270

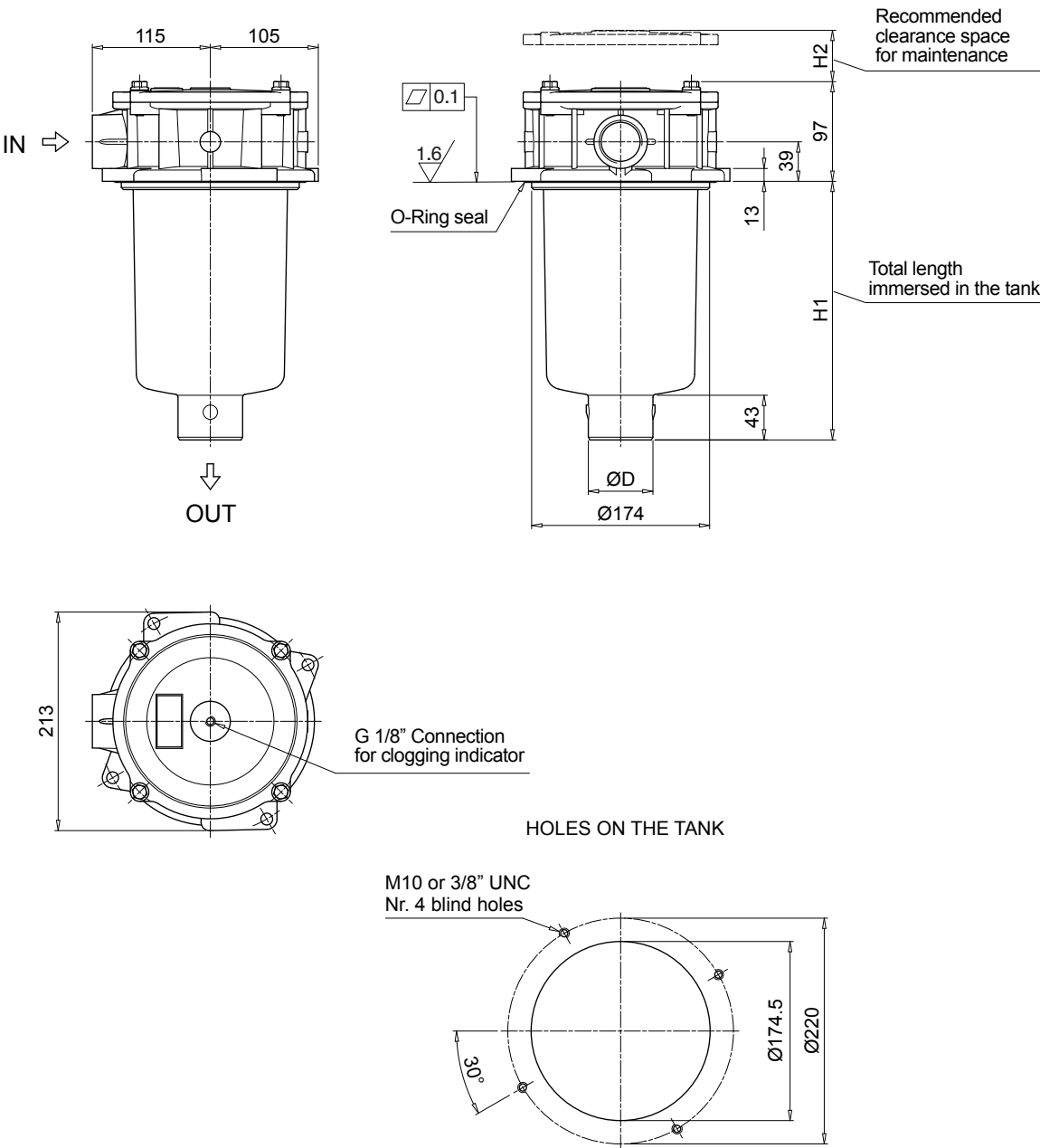
TE Polyamide extension tube
T5 Filler plug M30x1.5

DPT Dipstick

FILTER ELEMENT									
Series		Example: MFX 400 10 A0025 D A 30 NN P01 NN							
MFX Filter element with MYCLEAN feature									
Size									
400									
Length									
10									
20									
30									
Filtration rating (filter media)									
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm		
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm		
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm		
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm		
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm		
	M0025	Wire mesh	25 µm						
	M0060	Wire mesh	60 µm						
	M0090	Wire mesh	90 µm						
	P0010	Resin impregnated paper	10 µm						
	P0025	Resin impregnated paper	25 µm						
Element Δp									
D 10 bar									
Seals and treatments									
A NBR									
V FPM									
Bypass									
17 With bypass 1.75 bar									
30 With bypass 3.0 bar									
Additional features									
NN Without additional features									
Execution									
P01 Standard catalogue item									
Certificates									
NN None									

Dimensions

MPFX400			
Filter length	H1 [mm]	H2 [mm]	D [mm]
10	187	210	50
20	252	270	63
30	300	315	63



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPFX	410	10	A0025	D	A	30	FN114	1	1T	NN	P01	NN																																																														
MPFX	Filter featuring MY CLEAN Filter Element																																																																										
Size	410																																																																										
Length	10																																																																										
20																																																																											
30																																																																											
Filtration rating (filter media) <table border="1"> <tr> <td rowspan="10">MY CLEAN</td> <td>A0003</td> <td>Inorganic microfiber</td> <td>3 µm</td> <td rowspan="10">zerospark</td> <td>Z0003</td> <td>Antistatic in. microf.</td> <td>3 µm</td> </tr> <tr> <td>A0006</td> <td>Inorganic microfiber</td> <td>6 µm</td> <td>Z0006</td> <td>Antistatic in. microf.</td> <td>6 µm</td> </tr> <tr> <td>A0010</td> <td>Inorganic microfiber</td> <td>10 µm</td> <td>Z0010</td> <td>Antistatic in. microf.</td> <td>10 µm</td> </tr> <tr> <td>A0016</td> <td>Inorganic microfiber</td> <td>16 µm</td> <td>Z0016</td> <td>Antistatic in. microf.</td> <td>16 µm</td> </tr> <tr> <td>A0025</td> <td>Inorganic microfiber</td> <td>25 µm</td> <td>Z0025</td> <td>Antistatic in. microf.</td> <td>25 µm</td> </tr> <tr> <td>M0025</td> <td>Wire mesh</td> <td>25 µm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>M0060</td> <td>Wire mesh</td> <td>60 µm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>M0090</td> <td>Wire mesh</td> <td>90 µm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>P0010</td> <td>Resin impregnated paper</td> <td>10 µm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>P0025</td> <td>Resin impregnated paper</td> <td>25 µm</td> <td></td> <td></td> <td></td> </tr> </table>														MY CLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm	A0006	Inorganic microfiber	6 µm	Z0006	Antistatic in. microf.	6 µm	A0010	Inorganic microfiber	10 µm	Z0010	Antistatic in. microf.	10 µm	A0016	Inorganic microfiber	16 µm	Z0016	Antistatic in. microf.	16 µm	A0025	Inorganic microfiber	25 µm	Z0025	Antistatic in. microf.	25 µm	M0025	Wire mesh	25 µm				M0060	Wire mesh	60 µm				M0090	Wire mesh	90 µm				P0010	Resin impregnated paper	10 µm				P0025	Resin impregnated paper	25 µm			
MY CLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm																																																																				
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm																																																																				
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm																																																																				
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm																																																																				
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm																																																																				
	M0025	Wire mesh	25 µm																																																																								
	M0060	Wire mesh	60 µm																																																																								
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	P0010	Resin impregnated paper	10 µm																																																																								
	P0025	Resin impregnated paper	25 µm																																																																								
Element Δp D 10 bar																																																																											
Seals and treatments <table border="1"> <thead> <tr> <th></th> <th>A0xxx</th> <th>M0xxx</th> <th>P0xxx</th> <th>Z0xxx</th> </tr> </thead> <tbody> <tr> <td>A NBR</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>V FPM</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> </tr> <tr> <td>W NBR with filter and components surface treatment</td> <td>•</td> <td>•</td> <td>-</td> <td>•</td> </tr> <tr> <td>Z FPM with filter and components surface treatment</td> <td>•</td> <td>•</td> <td>-</td> <td>•</td> </tr> </tbody> </table>															A0xxx	M0xxx	P0xxx	Z0xxx	A NBR	•	•	•	•	V FPM	•	•	•	•	W NBR with filter and components surface treatment	•	•	-	•	Z FPM with filter and components surface treatment	•	•	-	•																																					
	A0xxx	M0xxx	P0xxx	Z0xxx																																																																							
A NBR	•	•	•	•																																																																							
V FPM	•	•	•	•																																																																							
W NBR with filter and components surface treatment	•	•	-	•																																																																							
Z FPM with filter and components surface treatment	•	•	-	•																																																																							
Bypass 17 With bypass 1.75 bar 30 With bypass 3.0 bar																																																																											
Connections FG114 G 1 1/4" FN114 1 1/4" NPT FS020 SAE 20 - 1 5/8" - 12 UN																																																																											
Additional connections 1 Front thread FG114 G 1" FN114 1" NPT FS020 SAE 16 - 1 5/16" - 12 UN																																																																											
Connections for clogging indicators 1T With top indicator connection, with metal plug																																																																											
Additional features NN Without additional features																																																																											
Execution P01 Standard catalogue item																																																																											
Certificates NN None																																																																											

CLOGGING INDICATORS

See pages 776-777

BVA Axial pressure gauge
BVR Radial pressure gauge
BVP Visual pressure indicator with automatic reset
BVQ Visual pressure indicator with manual reset

BEA Electrical pressure indicator
BEM Electrical pressure indicator
BLA Electrical / visual pressure indicator

ACCESSORIES

See page 270

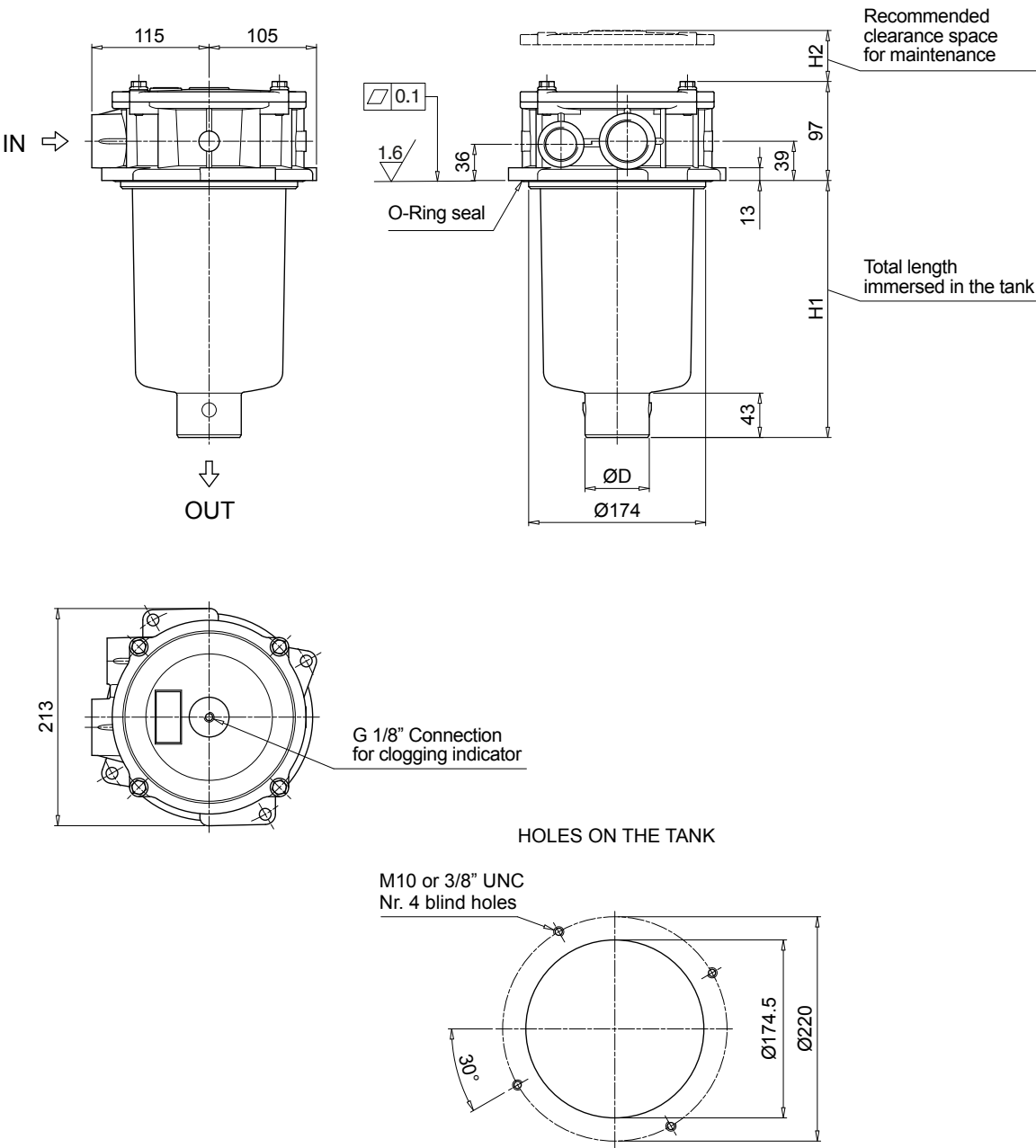
TE Polyamide extension tube
T5 Filler plug M30x1.5

DPT Dipstick

FILTER ELEMENT										
Series		Example: MFX 400 10 A0025 D A 30 NN P01 NN								
MFX Filter element with MYCLEAN feature										
Size										
400										
Length										
10										
20										
30										
Filtration rating (filter media)										
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm			
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm			
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm			
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm			
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm			
	M0025	Wire mesh	25 µm							
	M0060	Wire mesh	60 µm							
	M0090	Wire mesh	90 µm							
	P0010	Resin impregnated paper	10 µm							
	P0025	Resin impregnated paper	25 µm							
Element Δp										
D 10 bar										
Seals and treatments										
A NBR										
V FPM										
Bypass										
17 With bypass 1.75 bar										
30 With bypass 3.0 bar										
Additional features										
NN Without additional features										
Execution										
P01 Standard catalogue item										
Certificates										
NN None										

Dimensions

MPFX410			
Filter length	H1 [mm]	H2 [mm]	D [mm]
10	187	210	50
20	252	270	63
30	300	315	63



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPFX	450	10	A0025	D	A	30	FN114	1	9T	NN	P01	NN
MPFX	Filter featuring MY CLEAN Filter Element												
Size	450												
Length	10												
20													
30													
Filtration rating (filter media)													
MY CLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm						
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm						
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm						
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm						
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm						
	M0025	Wire mesh	25 µm										
	M0060	Wire mesh	60 µm										
	M0090	Wire mesh	90 µm										
P0010	Resin impregnated paper	10 µm											
P0025	Resin impregnated paper	25 µm											
Seals and treatments				A0xxx	M0xxx	P0xxx	Z0xxx						
A	NBR												
V	FPM												
W	NBR with filter and components surface treatment												
Z	FPM with filter and components surface treatment												
Bypass													
17	With bypass 1.75 bar												
30	With bypass 3.0 bar												
Connections													
FG200	G 2"	FN200	2" NPT	FS032	SAE 32 - 2 1/2" - 12 UN								
				FE200	2" SAE 3000 psi/M								
				FF200	2" SAE 3000 psi/UNC								
Additional connections													
0	Without additional connection												
1	Main connection	FG200	G 3/4"										
		FE200											
		FN200	3/4" NPT										
		FF200											
		FS032	SAE 12 - 1 1/16" - 12 UN										
Connections for clogging indicators													
9T	With multiple indicator connections, with metal plugs												
Additional features													
NN	Without additional features												
Execution													
P01	Standard catalogue item												
Certificates													
NN	None												

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

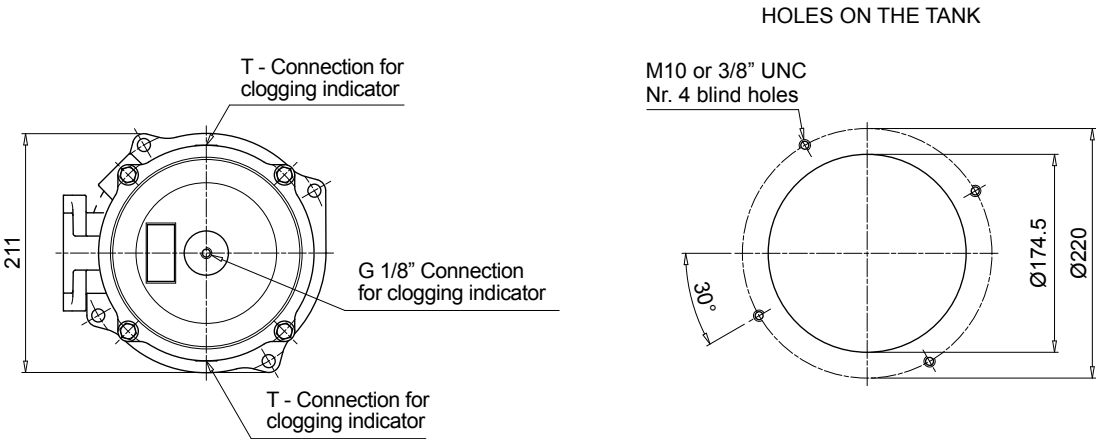
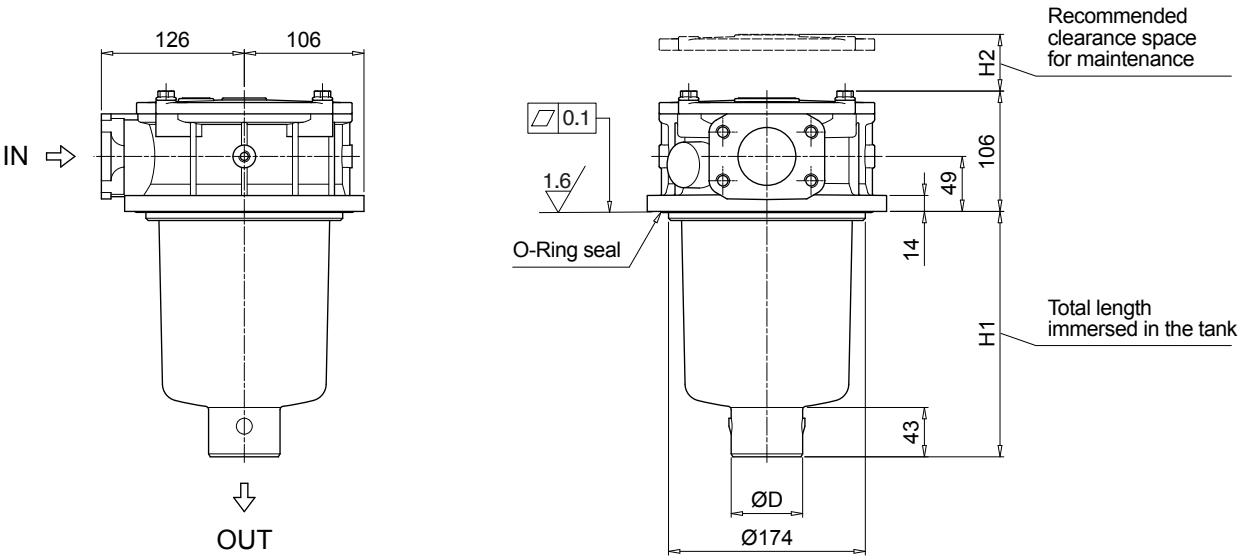
See page 270

TE	Polyamide extension tube
T5	Filler plug M30x1.5

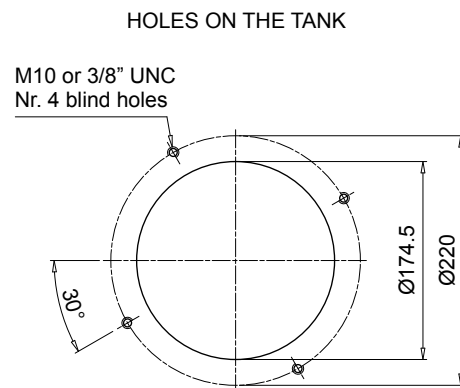
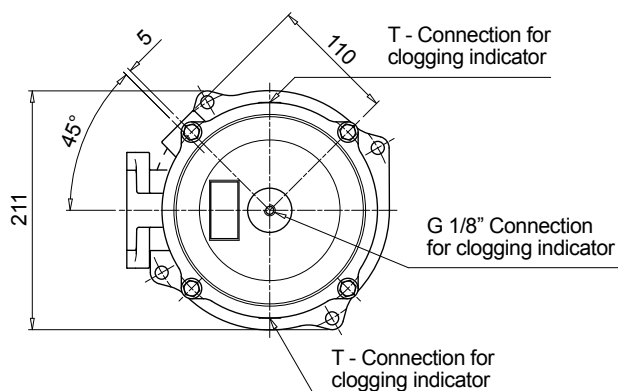
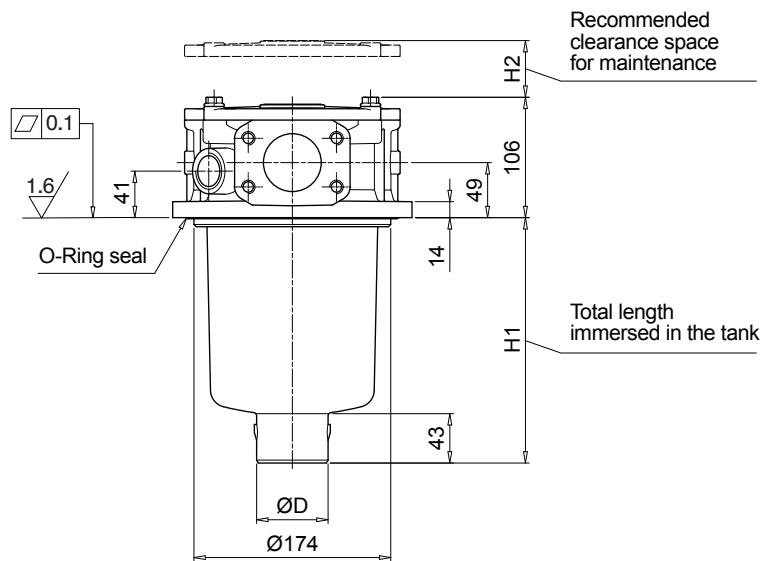
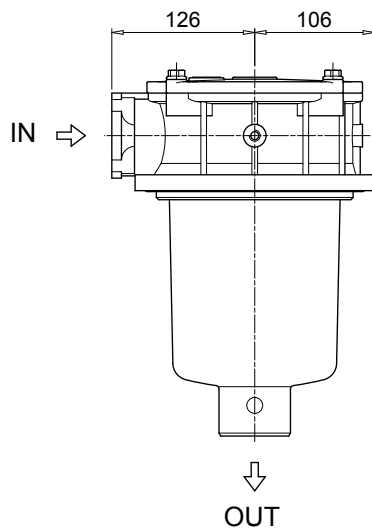
DPT	Dipstick
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FILTER ELEMENT									
Series		Example: MFX 400 10 A0025 D A 30 NN P01 NN							
MFX Filter element with MYCLEAN feature									
Size									
400									
Length									
10									
20									
30									
Filtration rating (filter media)									
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm		
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm		
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm		
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm		
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm		
	M0025	Wire mesh	25 µm						
	M0060	Wire mesh	60 µm						
	M0090	Wire mesh	90 µm						
	P0010	Resin impregnated paper	10 µm						
	P0025	Resin impregnated paper	25 µm						
Element Δp									
D 10 bar									
Seals and treatments									
A NBR									
V FPM									
Bypass									
17 With bypass 1.75 bar									
30 With bypass 3.0 bar									
Additional features									
NN Without additional features									
Execution									
P01 Standard catalogue item									
Certificates									
NN None									

MPFX450					
Additional connection "O"					
Filter length	H1 [mm]	H2 [mm]	D [mm]	Connections	T
10	187	210	50	FG200	G 1/8"
20	252	270	63	FN200	1/8" NPT
30	300	315	63	FS032	1/8" NPT
				FE200	G 1/8"
				FF200	1/8" NPT



MPFX450					
Additional connection "1"					
Filter length	H1 [mm]	H2 [mm]	D [mm]	Connections	T
10	187	210	50	FG200	G 1/8"
20	252	270	63	FN200	1/8" NPT
30	300	315	63	FS032	1/8" NPT
				FE200	G 1/8"
				FF200	1/8" NPT



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPFX	750	10	A0025	D	A	30	FG200	0	1T	NN	P01	NN
MPFX	Filter featuring MYCLEAN Filter Element												
Size	750												
Length	10												
Filtration rating (filter media)													
MYCLEAN	A0003	Inorganic microfiber	3 µm	zerospark	Z0003	Antistatic in. microf.	3 µm						
	A0006	Inorganic microfiber	6 µm		Z0006	Antistatic in. microf.	6 µm						
	A0010	Inorganic microfiber	10 µm		Z0010	Antistatic in. microf.	10 µm						
	A0016	Inorganic microfiber	16 µm		Z0016	Antistatic in. microf.	16 µm						
	A0025	Inorganic microfiber	25 µm		Z0025	Antistatic in. microf.	25 µm						
	M0025	Wire mesh	25 µm										
	M0060	Wire mesh	60 µm										
	M0090	Wire mesh	90 µm										
	P0010	Resin impregnated paper	10 µm										
	P0025	Resin impregnated paper	25 µm										
Seals and treatments				A0xxx	M0xxx	P0xxx	Z0xxx						
A	NBR												
V	FPM												
W	NBR with filter and components surface treatment			-									
Z	FPM with filter and components surface treatment			-									
Bypass													
17	With bypass 1.75 bar												
30	With bypass 3.0 bar												
Connections													
FG200	G 2"	FN200	2" NPT	FS032	SAE 32 - 2 1/2" - 12 UN								
				FE200	2" SAE 3000 psi/M								
				FF200	2" SAE 3000 psi/UNC								
Additional connections													
0	Without additional connections												
Connections for clogging indicators													
1T	With top indicator connection, with metal plug												
Additional features													
NN	Without additional features												
Execution													
P01	Standard catalogue item												
Certificates													
NN	None												

CLOGGING INDICATORS

See pages 776-777

BVA	Axial pressure gauge
BVR	Radial pressure gauge
BVP	Visual pressure indicator with automatic reset
BVQ	Visual pressure indicator with manual reset

BEA	Electrical pressure indicator
BEM	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

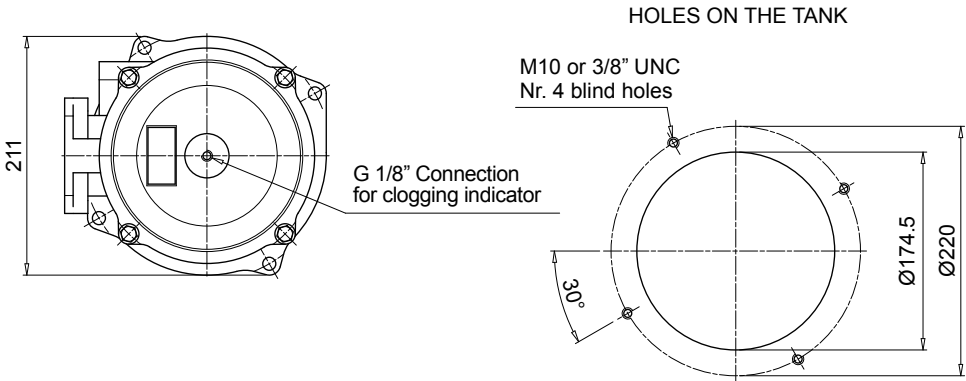
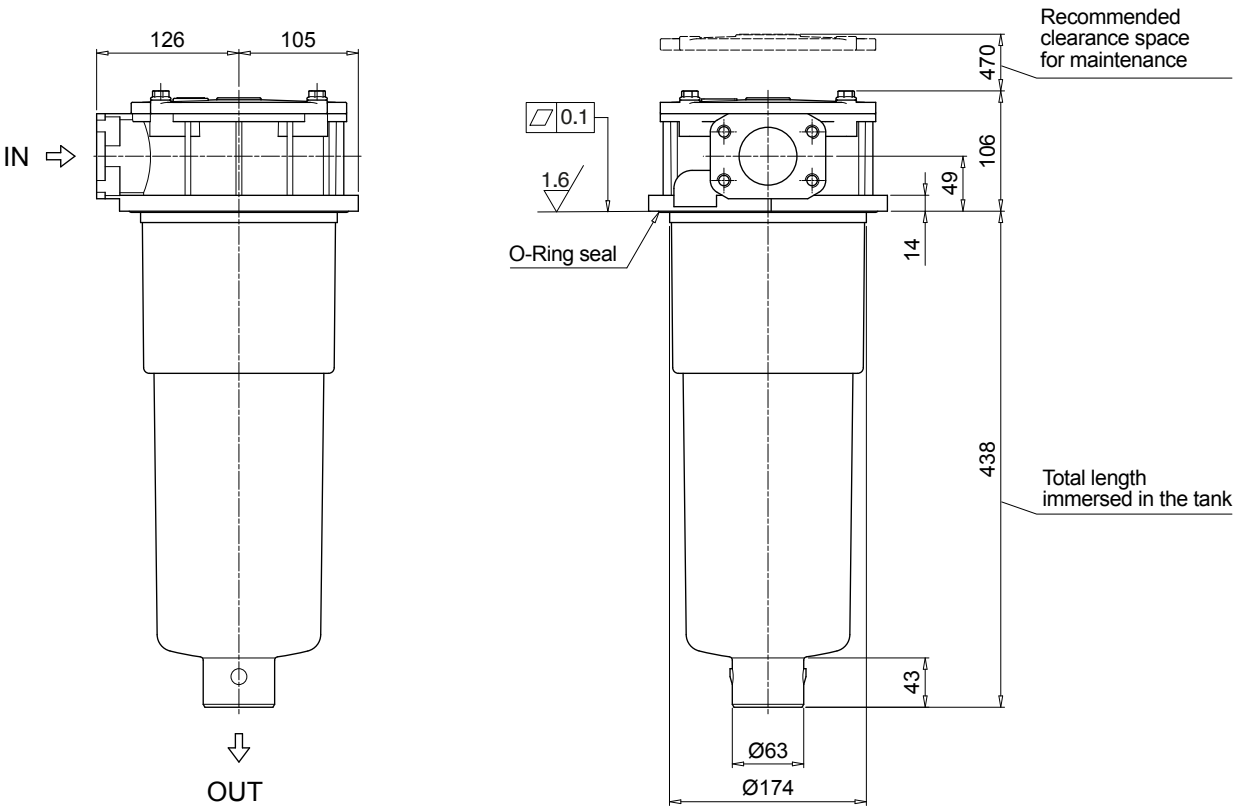
See page 270

TE	Polyamide extension tube
T5	Filler plug M30x1.5

DPT	Dipstick
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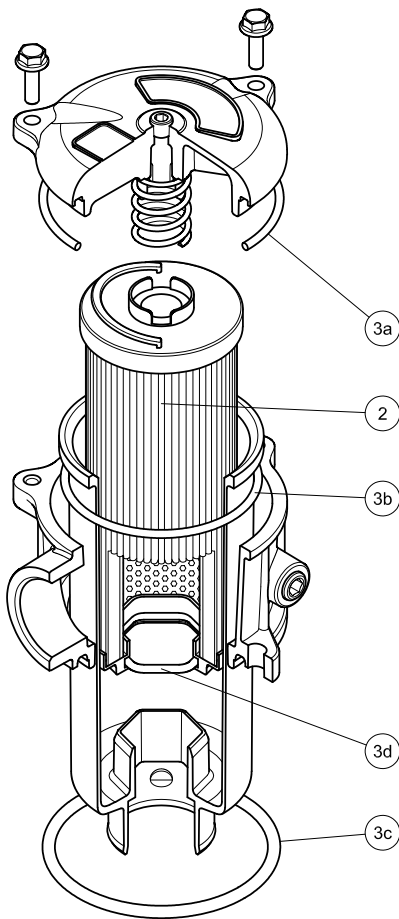
FILTER ELEMENT

Series	Example: MFX 750 10 A0025 D A 30 NN P01 NN										
MFX Filter element with MYCLEAN feature											
Size											
750											
Length											
10											
Filtration rating (filter media)											
MYCLEAN	A0003	Inorganic microfiber	3 µm	Z0003	Antistatic in. microf.	3 µm					
	A0006	Inorganic microfiber	6 µm	Z0006	Antistatic in. microf.	6 µm					
	A0010	Inorganic microfiber	10 µm	Z0010	Antistatic in. microf.	10 µm					
	A0016	Inorganic microfiber	16 µm	Z0016	Antistatic in. microf.	16 µm					
	A0025	Inorganic microfiber	25 µm	Z0025	Antistatic in. microf.	25 µm					
	M0025	Wire mesh	25 µm								
	M0060	Wire mesh	60 µm								
	M0090	Wire mesh	90 µm								
	P0010	Resin impregnated paper	10 µm								
	P0025	Resin impregnated paper	25 µm								
Element Δp											
D 10 bar											
Seals and treatments											
A NBR											
V FPM											
Bypass											
17 With bypass 1.75 bar											
30 With bypass 3.0 bar											
Additional features											
NN Without additional features											
Execution											
P01 Standard catalogue item											
Certificates											
NN None											

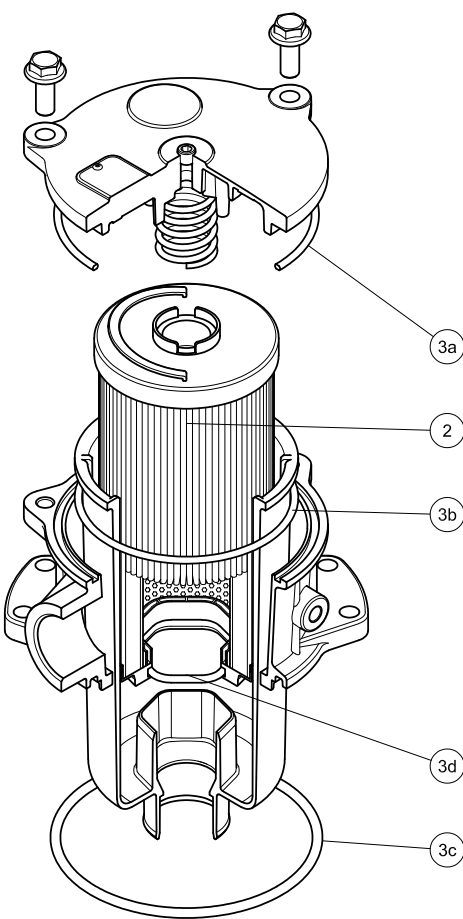


Order number for spare parts

MPFX 100



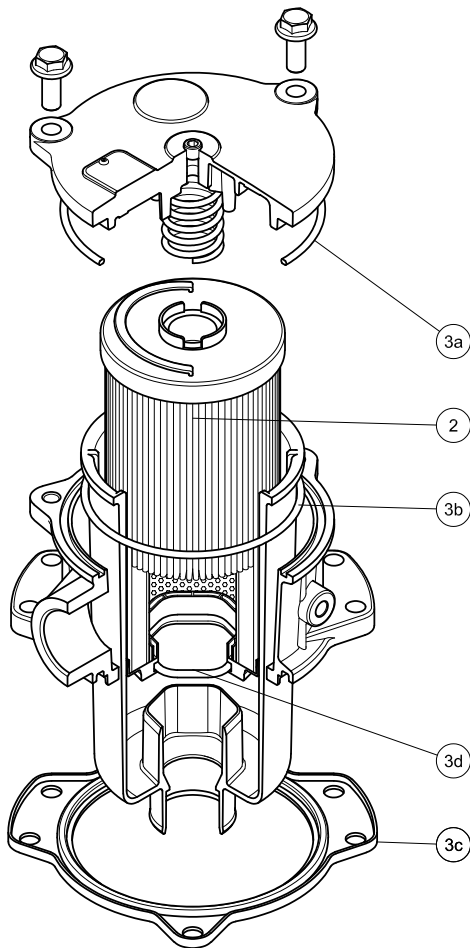
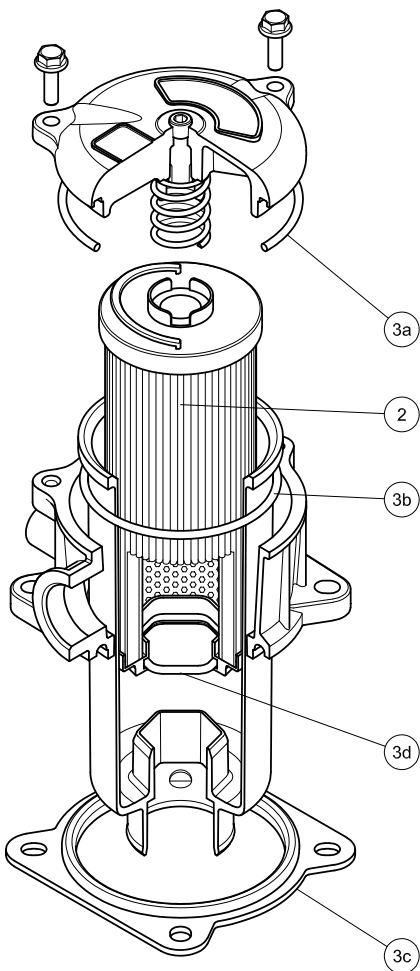
MPFX 181



O-RING SEAL			
Q.ty: 1 pc.		Q.ty: 1 pc.	
Item:	2	3	(3a ÷ 3d)
Filter series	Filter element	Seal Kit code number	
		NBR	FPM
MPFX 030	See order table	AK021000450	AK021000451
MPFX 100-110		AK021000452	AK021000453
MPFX 181-182		AK021000456	AK021000457
MPFX 184		AK021000460	AK021000461
MPFX 191-192		AK021000458	AK021000459
MPFX 194		AK021000462	AK021000463
MPFX 400-410		AK021000468	AK021000469
MPFX 450		AK021000470	AK021000471
MPFX 750		AK021000472	AK021000473

MPFX 104

MPFX 181



FLAT SEAL

Q.ty: 1 pc.		Q.ty: 1 pc.	
Item:	2	3	(3a ÷ 3d)
Filter series	Filter element	Seal Kit code number	
		NBR	FPM
MPFX 104	See order table	AK021000454	AK021000455
MPFX 181-182		AK021000466	AK021000467
MPFX 191-192		AK021000466	AK021000467