



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.

MPTX 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 MPTX 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, MPTX 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.



MPTX series

Maximum working pressure up to 0.8 MPa (8 bar) - Flow rate up to 300 l/min



Description

Return filter

Maximum working pressure up to 0.8 MPa (8 bar)
Flow rate up to 300 l/min

MPTX is a range of return filters with integrated breather filter, 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 1 1/4", for a maximum flow rate of 300 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 6 fixing holes for installation, to suit a variety of reservoir surfaces
- O-ring or Flat Seal to suit a variety of reservoir surfaces
- Screw-in cover with a special shape, to allow the filter element replacement without the use of specific tools
- 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)
- Integrated breather filter, to clean the air that moves into the reservoir as result of the oil level fluctuation
- Integrated breather filter with pressurization valve, to clean the air that moves into the reservoir as result of the oil level fluctuation and to guarantee the pressurization into the reservoir
- 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
- 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 MPTX	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

MPTX filters are provided for vertical mounting

Weights [kg] and volumes [dm³]

Filter series	Weights [kg]					Volumes [dm ³]				
	Length	10	20	30	40	Length	10	20	30	40
MPTX 025		0.41	0.45	0.50	-		0.24	0.35	0.42	-
MPTX 027		0.44	0.48	0.55	-		0.24	0.35	0.42	-
MPTX 110		1.00	1.05	1.15	1.40		0.72	0.93	1.28	1.74
MPTX 114		1.10	1.15	1.25	1.50		0.72	0.93	1.28	1.74
MPTX 116		1.10	1.15	1.25	1.50		0.72	0.93	1.28	1.74
MPTX 120		1.00	1.05	1.15	1.40		0.72	0.93	1.28	1.74

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
MPTX 025-027	10	7	10	23	28	42	59	51	54
	20	17	20	45	48	56	72	64	67
	30	21	24	50	55	59	76	74	75
MPTX 110-120 114-116	10	18	20	53	56	65	153	87	96
	20	28	38	65	75	95	158	111	123
	30	48	55	125	135	169	289	224	251
	40	79	89	180	185	198	306	264	289

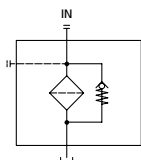
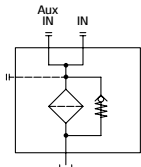
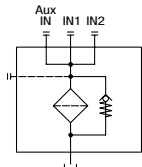
Maximum flow rate for a complete return filter with a pressure drop $\Delta p = 0.5$ bar.

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.

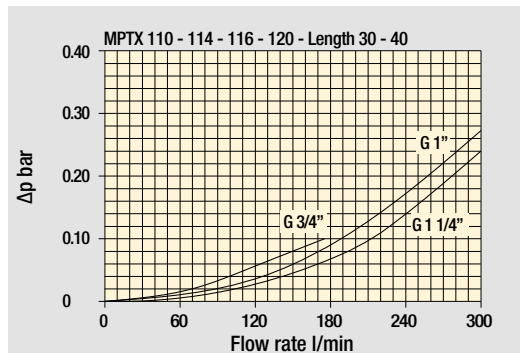
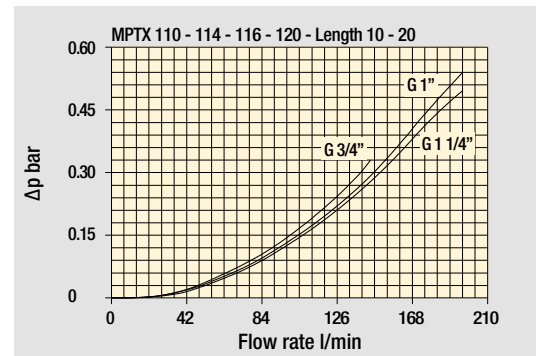
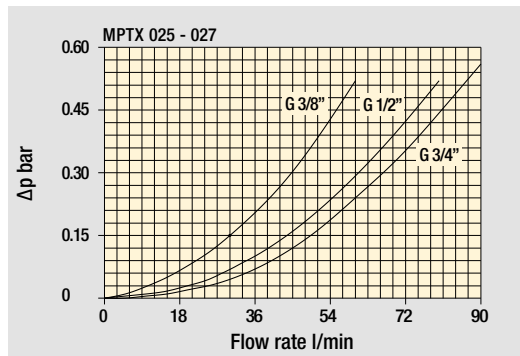
17 / 30 - with bypass 1.75 / 3.0 bar			
Filter series	Single IN Port	Double IN Port	Triple IN port
MPTX 025	•	-	-
MPTX 027	•	-	-
MPTX 110	•	•	-
MPTX 114	•	-	-
MPTX 116	•	-	-
MPTX 120	-	-	•

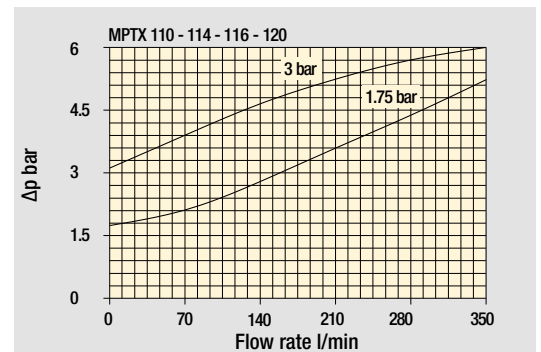
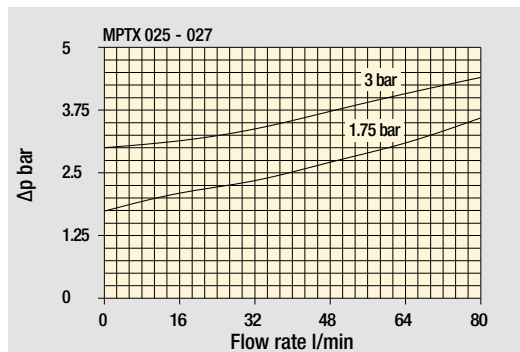
Hydraulic diagram

Pressure drop

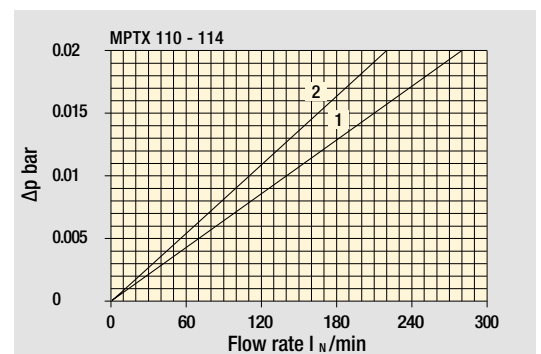
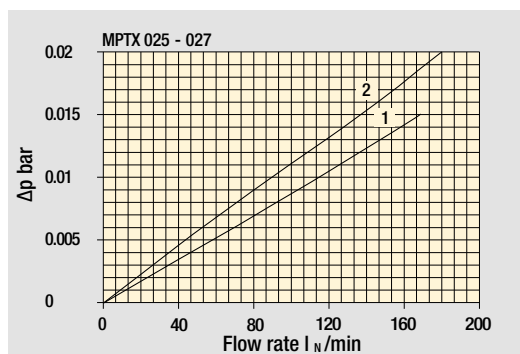
Filter housings Δp pressure drop



Bypass valve pressure drop



Air breather pressure drop



- 1 AS With air breather 10 μ m
- 2 AR With anti-splash and SAP50 10 μ m

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

MPTX 025 -027		
Air breather port plugged Indicator port	Air breather standard Indicator port	Anti-splash air breather & pressurized Double indicator port
		

Multiport - Multifunction

MPTX 110	
Standard - Single IN Port	Double IN Port - Double indicator port
	
Double IN Port Option: double drain port	Double IN Port - Indicator port Option: drain port
	

MPTX 120
Triple IN port
Option: double drain port



MPTX MPTX025 - MPTX027

Designation & Ordering code

COMPLETE FILTER

Series		Example 1:	MPTX	025	10	A0006	D	Z	17	FG034	0	6T	NN	P01	NN
MPTX	Filter featuring  Filter Element	Example 2:	MPTX	027	30	P0010	D	A	30	FN034	0	3T	AS	P01	NN

Size
025 **027**

Length
10
20
30

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					
FG038	G 3/8"	FN038	3/8" NPT	FS006	SAE 6 - 9/16" - 18 UNF
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

Additional connections
0 Without additional connections

Connections for clogging indicators	Size
3T With left indicator connection, with metal plug	- •
6T With both side indicator connections, with metal plugs	• -

Additional features
NN Without additional features
AS With air breather 10 µm
AR With anti-splash and air breather SAP050 10 µm
AP With anti-splash and air breather SAP050 10 µm pressurization 0.5 bar

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
BET Electrical pressure indicator
BLA Electrical / visual pressure indicator

ACCESSORIES

See page 270

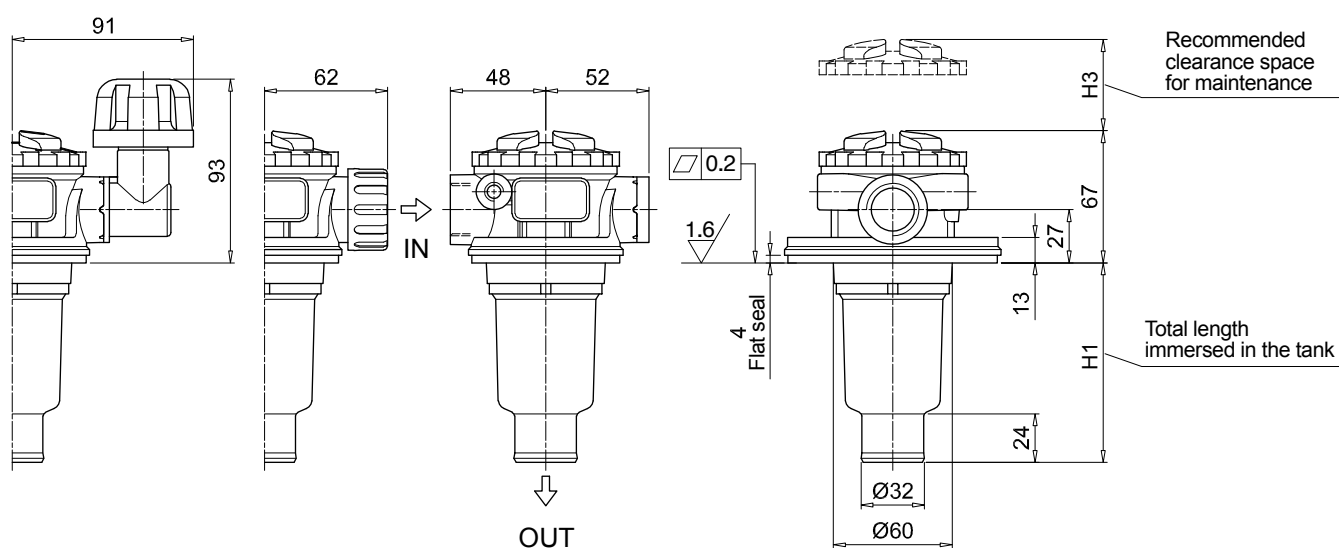
TE Polyamide extension tube

DPT Dipstick

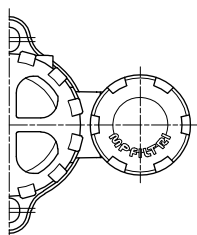
FILTER ELEMENT											
Series		Example 1: MFX 020 20 A0006 D V 17 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 020 30 P0010 D A 30 NN P01 NN									
Size											
020											
Length											
10											
20											
30											
Filtration rating (filter media)											
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

MPTX025				
Filter length	H1 [mm]	H2 [mm]	Connection	T
10	99	130	FG038	G 1/8"
20	163	195	FG012	
30	202	230	FG034	
			FN038	1/8" NPT
			FN012	
			FN034	
			FS006	1/8" NPT
			FS008	
			FS012	

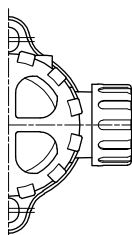


Additional features
AR / AP

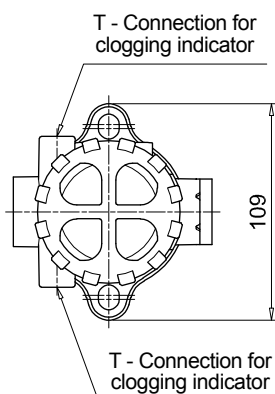


Additional features

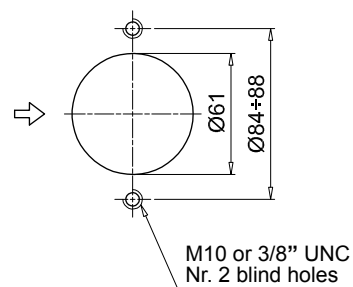
AS



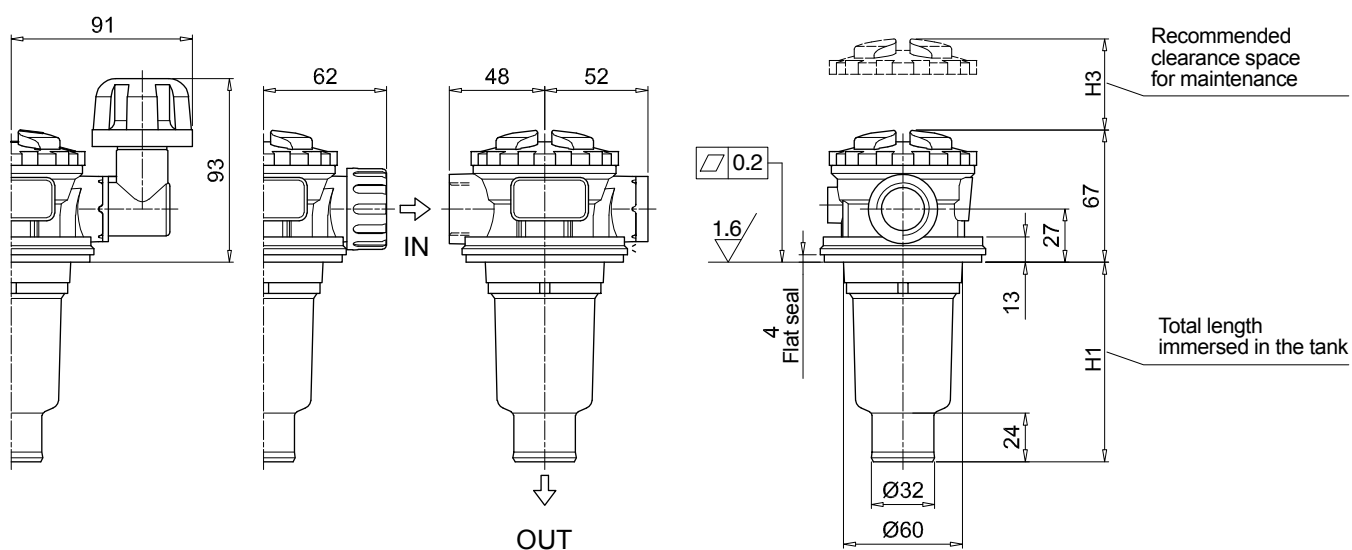
Additional features
NN



HOLES ON THE TANK



MPTX027				
Filter length	H1 [mm]	H2 [mm]	Connection	T
10	99	130	FG038	G 1/8"
20	163	195	FG012	
30	202	230	FG034	
			FN038	1/8" NPT
			FN012	
			FN034	
			FS006	1/8" NPT
			FS008	
			FS012	

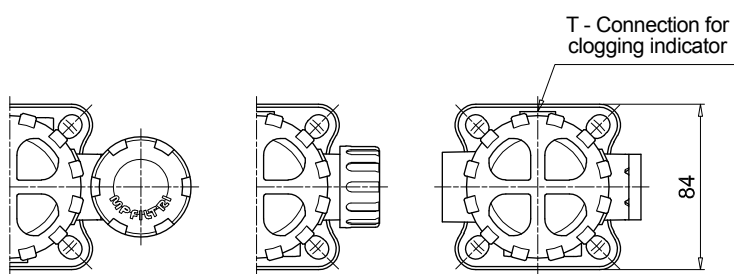


Additional features
AR / AP

Additional features

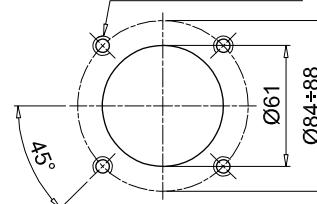
AS

Additional features
NN



HOLES ON THE TANK

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



Designation & Ordering code

COMPLETE FILTER

Series	Example: MPTX 110 20 Z0025 D Z 30 FG114 2 6T AR P01 NN																																																																					
MPTX	Filter featuring MYCLEAN Filter Element																																																																					
Size	110																																																																					
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Connections for clogging indicators <table border="1"> <tr> <td>6T</td> <td colspan="5">With both side indicator connection, with metal plug</td> </tr> </table>														6T	With both side indicator connection, with metal plug																																																							
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Additional features <table border="1"> <tr> <td>NN</td> <td colspan="5">Without additional features</td> </tr> <tr> <td>AS</td> <td colspan="5">With air breather 10 µm</td> </tr> <tr> <td>AR</td> <td colspan="5">With anti-splash and air breather SAP050 10 µm</td> </tr> <tr> <td>AP</td> <td colspan="5">With anti-splash and air breather SAP050 10 µm pressurization 0.5 bar</td> </tr> </table>														NN	Without additional features					AS	With air breather 10 µm					AR	With anti-splash and air breather SAP050 10 µm					AP	With anti-splash and air breather SAP050 10 µm pressurization 0.5 bar																																					
NN	Without additional features																																																																					
AS	With air breather 10 µm																																																																					
AR	With anti-splash and air breather SAP050 10 µm																																																																					
AP	With anti-splash and air breather SAP050 10 µm pressurization 0.5 bar																																																																					
Execution <table border="1"> <tr> <td>P01</td> <td colspan="5">Standard catalogue item</td> </tr> </table>														P01	Standard catalogue item																																																							
P01	Standard catalogue item																																																																					
Certificates <table border="1"> <tr> <td>NN</td> <td colspan="5">None</td> </tr> </table>														NN	None																																																							
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
BET	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

See page 270

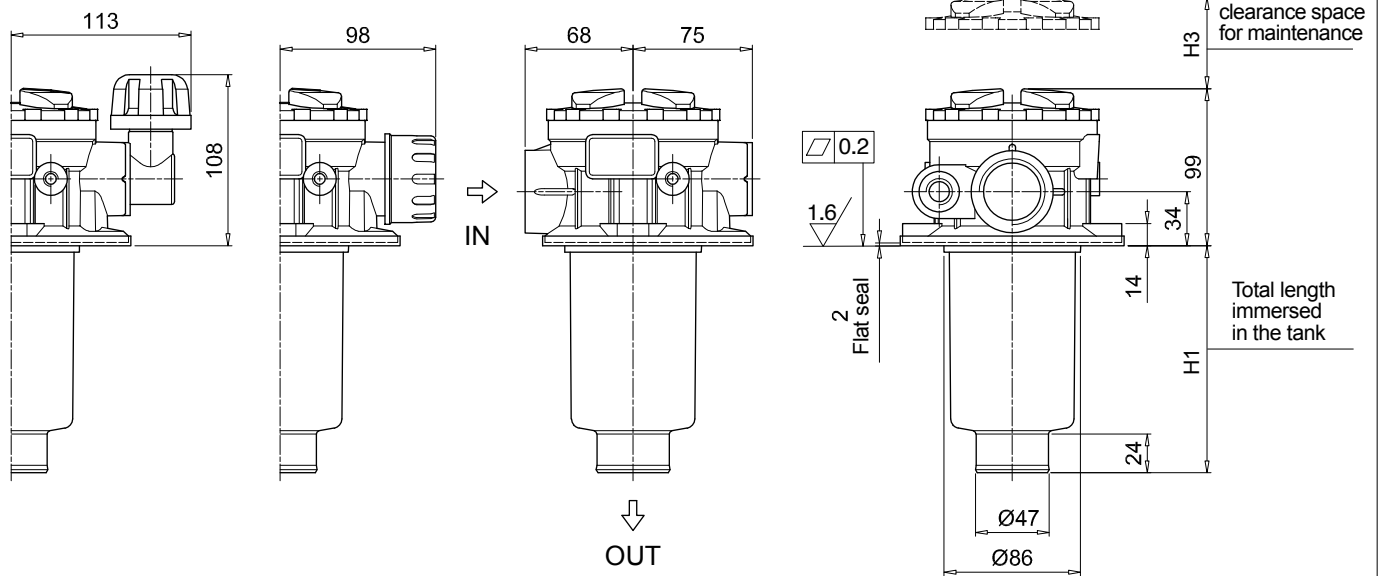
TE	Polyamide extension tube
DFS	Diffuser with fast lock connection

DPT	Dipstick
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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	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

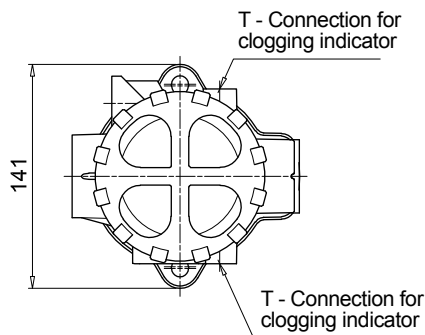
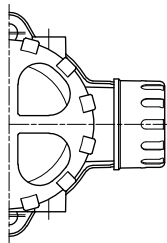
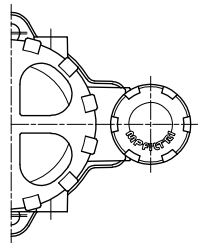
MPTX110				
Filter length	H1 [mm]	H2 [mm]	Connection	T
10	99	120	FG034	G 1/8"
20	144	170	FG100	
30	222	250	FG114	
40	324	350	FN034	1/8" NPT
			FN100	
			FN114	
			FS012	1/8" NPT
			FS016	
			FS020	



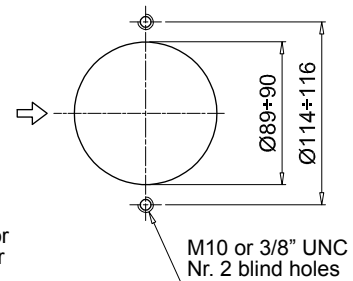
Additional features
AR / AP

Additional features
AS

Additional features
NN



HOLES ON THE TANK



Designation & Ordering code

COMPLETE FILTER

Series		Example 1:	MPTX	114	20	Z0025	D	Z	17	FG114	0	3T	AR	P01	NN
MPTX	Filter featuring	Example 2:	MPTX	116	30	P0010	D	V	30	FG114	0	3T	NN	P01	NN
	 MY CLEAN Filter Element														

Size
114
116

Length
10
20
30
40

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

Additional connections
0 Without additional connections

Connections for clogging indicators
3T With left indicator connection, with metal plug

Additional features	Size	114	116
NN Without additional features		•	•
AS With air breather 10 µm		•	-
AR With anti-splash and air breather SAP050 10 µm		•	-
AP With anti-splash and air breather SAP050 10 µm pressurization 0.5 bar		•	-

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
BET Electrical pressure indicator
BLA Electrical / visual pressure indicator

ACCESSORIES

See page 270

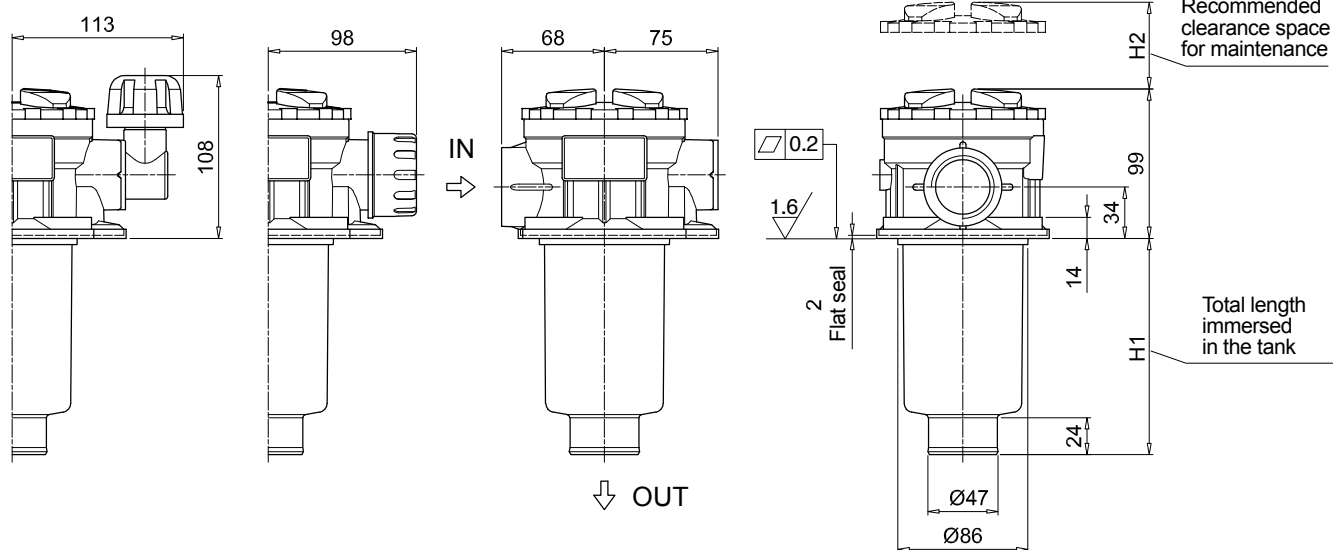
TE Polyamide extension tube
DFS Diffuser with fast lock connection

DPT Dipstick

FILTER ELEMENT											
Series		Example 1: MFX 100 20 Z0025 D V 17 NN P01 NN									
MFX Filter element with MYCLEAN feature		Example 2: MFX 100 30 P0010 D V 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

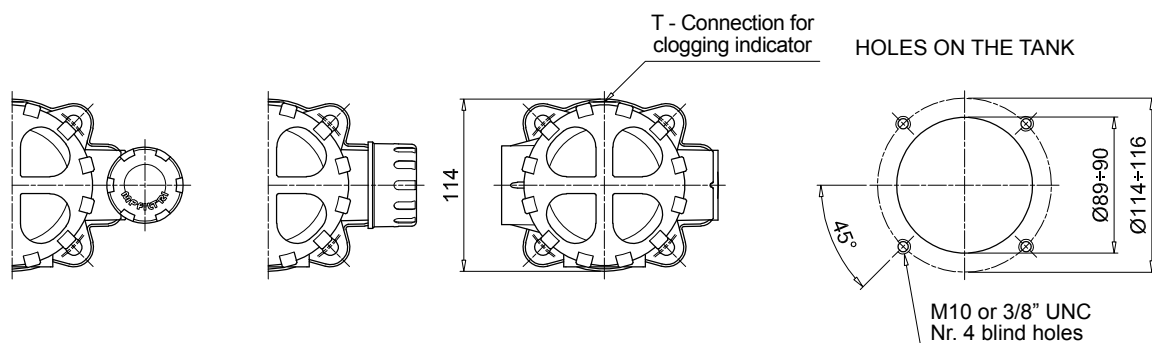
MPTX114				
Filter length	H1 [mm]	H2 [mm]	Connection	T
10	99	120	FG034	G 1/8"
20	144	170	FG100	
30	222	250	FG114	
40	324	350	FN034	1/8" NPT
			FN100	
			FN114	
			FS012	1/8" NPT
			FS016	
			FS020	

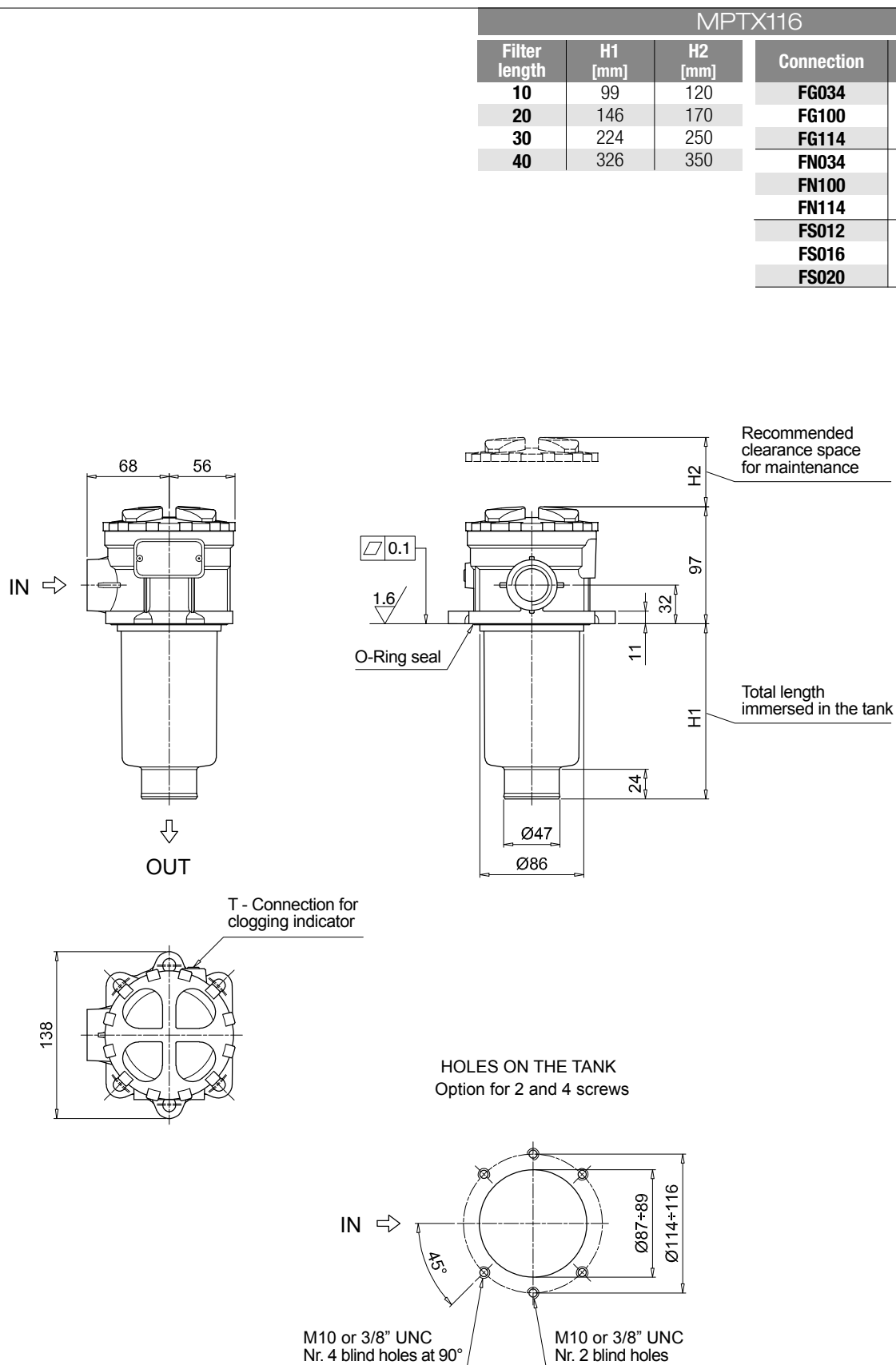


Additional features
AR / AP

Additional features
AS

Additional features
NN





Designation & Ordering code

COMPLETE FILTER

Series	Example: MPTX	120	20	Z0025	D	Z	30	FG114	2	6T	NN	P01	NN
MPTX	Filter featuring MYCLEAN Filter Element												
Size													
120													
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				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 (front + rear)													
FG034	G 3/4" + G 3/4"	FN034	3/4" NPT + 3/4" NPT	FS012	SAE 12-1 1/16"-12 UN + SAE 12-1 1/16"-12 UN								
FG100	G 1" + G 1"	FN100	1" NPT + 1" NPT	FS016	SAE 16-1 5/16"-12 UNF + SAE 16-1 5/16"-12 UNF								
FG114	G 1 1/4" + G 3/4"	FN114	1 1/4" NPT + 3/4" NPT	FS020	SAE 20-1 5/8"-12 UN + SAE 12-1 1/16"-12 UN								
Additional connections													
0	Without additional connection												
1	Main connection	FG034	G 3/8"	Main connection	FN034	3/8" NPT	Main connection	FS012	SAE 6 - 9/16"	18 UNF			
		FG100			FN100			FS016					
		FN114			FN114			FS020					
2	Main connection	FG034	G 1/2"	Main connection	FN034	1/2" NPT	Main connection	FS012	SAE 8 - 3/4"	16 UNF			
		FG100			FN100			FS016					
		FN114			FN114			FS020					
Connections for clogging indicators													
6T	With both side 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
BET	Electrical pressure indicator
BLA	Electrical / visual pressure indicator

ACCESSORIES

See page 270

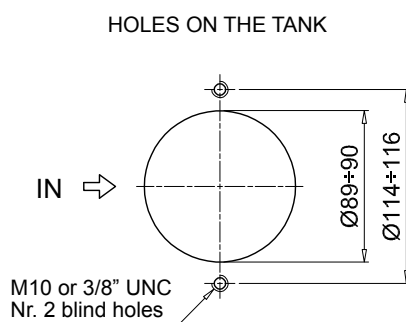
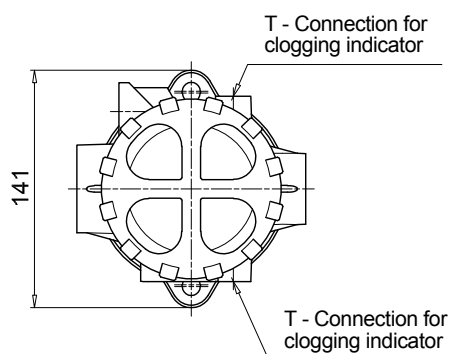
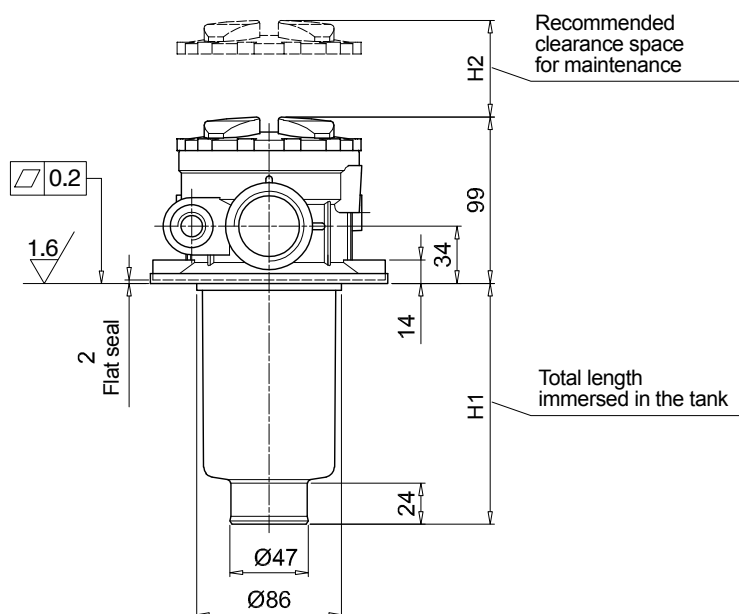
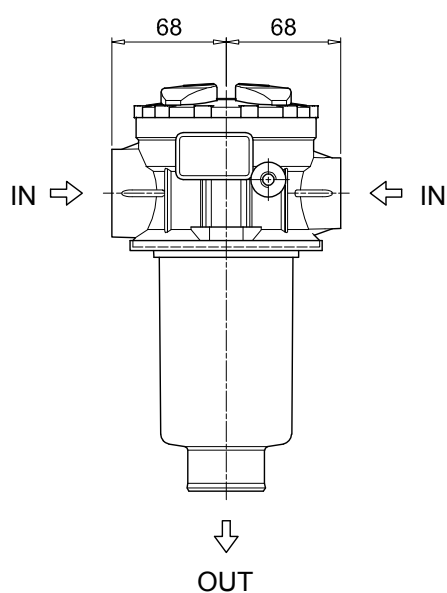
TE	Polyamide extension tube
DFS	Diffuser with fast lock connection

DPT	Dipstick
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FILTER ELEMENT													
Series		Example 1: 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	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													

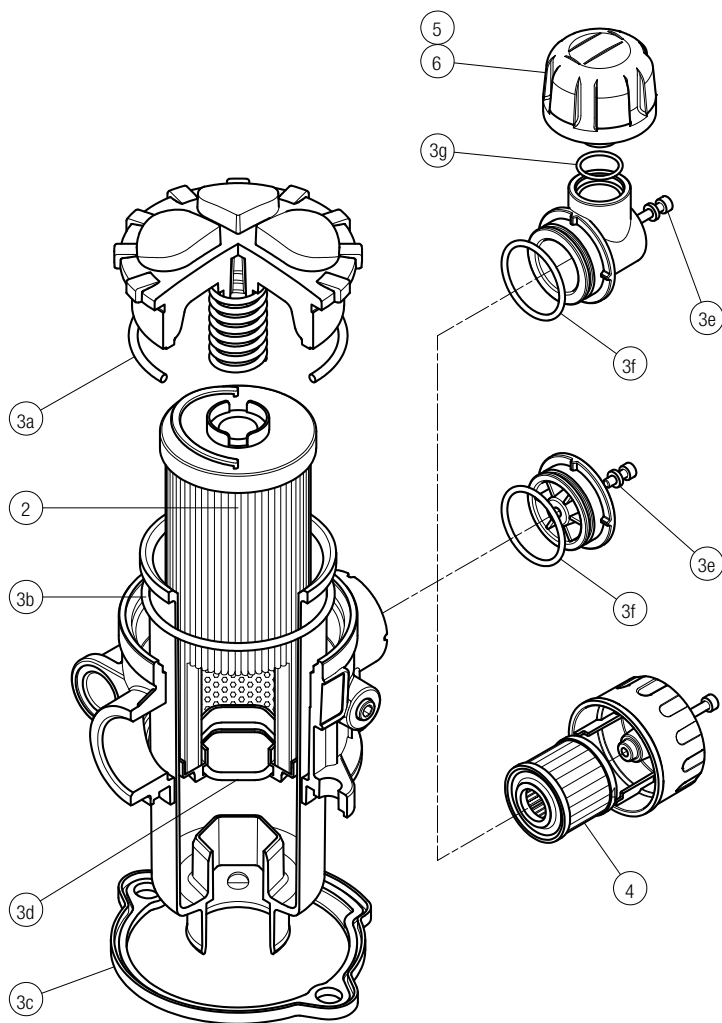
Dimensions

MPTX120				
Filter length	H1 [mm]	H2 [mm]	Connection	T
10	99	120	FG034	G 1/8"
20	144	170	FG100	
30	222	250	FG114	
40	324	350	FN034	1/8" NPT
			FN100	
			FN114	
			FS012	1/8" NPT
			FS016	
			FS020	



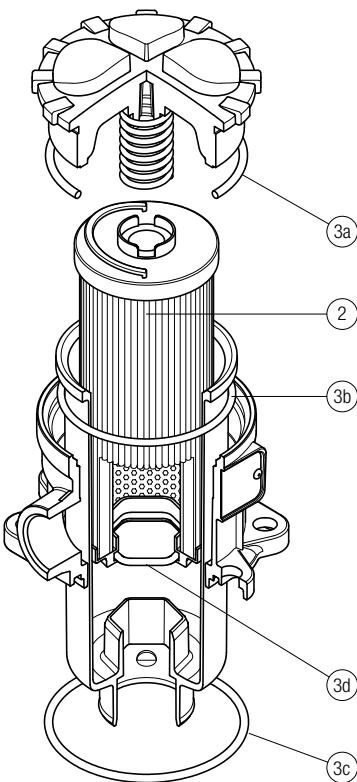
Order number for spare parts

MPTX 025 - 027 - 110



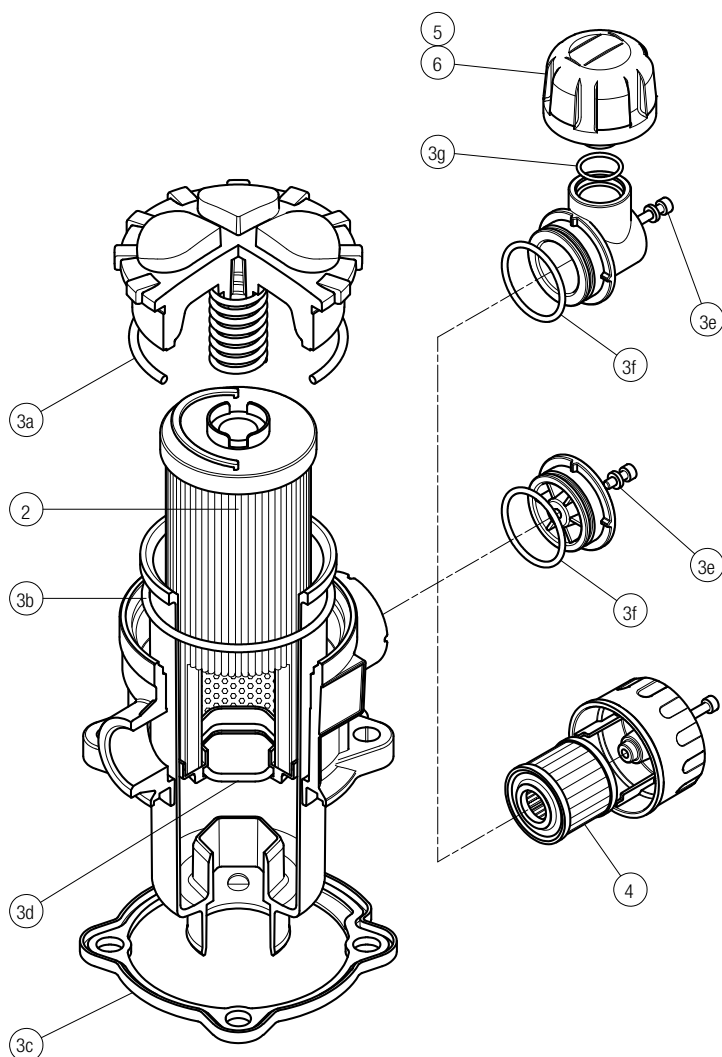
Q.ty: 1 pc.		Q.ty: 1 pc.		Q.ty: 1 pc.	Q.ty: 1 pc.	Q.ty: 1 pc.
Item:		2		3 (3a ÷ 3g)	4	5
Filter series	Filter element	Seal Kit code number		Air breather filter element - version:		
		NBR	FPM	C	D	P
MPTX 025	See order table	AK021000474	AK021000475	10 µm A3L03	10 µm SAP50G3L03A0P01	10 µm SAP50G3L03A1P01
MPTX 027		AK021000476	AK021000477	10 µm A3L03	10 µm SAP50G3L03A0P01	10 µm SAP50G3L03A1P01
MPTX 110		AK021000480	AK021000481	10 µm A5L03	10 µm SAP50G3L03A0P01	10 µm SAP50G3L03A1P01

MPTX 116



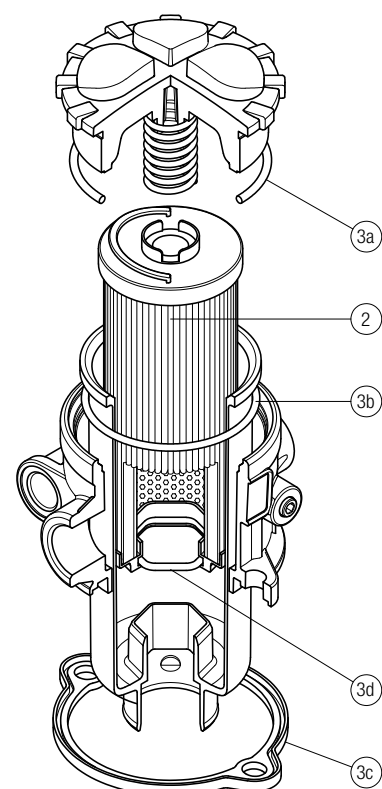
Q.ty: 1 pc.		Q.ty: 1 pc.	
Item:		3 (3a ÷ 3d)	
Filter series	Filter element	Seal Kit code number	
		NBR	FPM
MPTX 116	See order table	AK021000498	AK021000499

MPTX 114



Item:		Q.ty: 1 pc.		Q.ty: 1 pc.		Q.ty: 1 pc.		Q.ty: 1 pc.		Q.ty: 1 pc.	
		2		3 (3a ÷ 3g)		4		5		6	
Filter series	Filter element	Seal Kit code number		Air breather filter element - version:							
		NBR	FPM	C	D	P					
MPTX 114	See order table	AK021000478	AK021000479	10 µm A5L03	10 µm SAP50G3L03A0P01	10 µmm SAP50G3L03A1P01					

MPTX 120



Item:		Q.ty: 1 pc.		Q.ty: 1 pc.	
		2		3 (3a ÷ 3d)	
Filter series	Filter element	Seal Kit code number			
		NBR	FPM		
MPTX 120	See order table	AK021000482	AK021000483		