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Ordering information MPF 100-110

Filter assembly

MPF

	1	2	3	4	5	6	7	9	10
Example 1: MPF	110	2	A	G3	1	A06	H	E	P01
Example 2: MPF	100	1	W	G1		A10	W	B	P01

Filter element

MF

	1	2	6	7	8	9	10
Example 1: MF	100	2	A06	H	B	E	P01
Example 2: MF	100	1	A10	W	B		P01

1 - Style

Filter	Filter element
100	100
110	100

2 - Filter length

100	1	2	3	4
110	1	2	3	4

3 - Filter seals & Treatment

A	NBR
V	FPM
W*	NBR, head anodized
Z*	FPM, head anodized

4 - Connections A

MPF 100

Type 1	T	Type 2	T	A
G1	Indicator port not machined	C1	G 1/8"	G 1/2"
G2		C2	G 1/8"	G 3/4"
G3		C3	G 1/8"	G 1"
G10		C10	G 1/8"	G 1 1/4"
G4		C4	1/8" NPT	1/2" NPT
G5		C5	1/8" NPT	3/4" NPT
G6		C6	1/8" NPT	1" NPT
G11		C11	1/8" NPT	1 1/4" NPT
G7		C7	1/8" NPT	SAE 8 - 3/4" - 16 UNF
G8		C8	1/8" NPT	SAE 12 - 1 1/16" - 12 UN
G9		C9	1/8" NPT	SAE 16 - 1 5/16" - 12 UN
G12		C12	1/8" NPT	SAE 20 - 1 5/8" - 12 UN

MPF 110

Type	T	A
G1	G 1/8"	G 1/2"
G2	G 1/8"	G 3/4"
G3	G 1/8"	G 1"
G10	G 1/8"	G 1 1/4"
G4	1/8" NPT	1/2" NPT
G5	1/8" NPT	3/4" NPT
G6	1/8" NPT	1" NPT
G11	1/8" NPT	1 1/4" NPT
G7	1/8" NPT	SAE 8 - 3/4" - 16 UNF
G8	1/8" NPT	SAE 12 - 1 1/16" - 12 UN
G9	1/8" NPT	SAE 16 - 1 5/16" - 12 UN
G12	1/8" NPT	SAE 20 - 1 5/8" - 12 UN

5 - Connections B (only for MPF 110)

Type	Connections A		
	G1 - G2 - G3 - G10	G4 - G5 - G6 - G11	G7 - G8 - G9 - G12
1	G 3/8"	3/8" NPT	SAE 6 - 9/16" 18 UNF
2	G 1/2"	1/2" NPT	SAE 8 - 3/4" 16 UNF

6 - Filter element

A03	Inorganic microfibre 3 μ	Absolute filtration $\beta_x(c) \geq 1000$
A06	Inorganic microfibre 6 μ	
A10	Inorganic microfibre 10 μ	
A16	Inorganic microfibre 16 μ	
A25	Inorganic microfibre 25 μ	
M25	Wire mesh	Nominal Filtration
M60	Wire mesh	
M90	Wire mesh	
P10	Resin impregnated paper	Nominal Filtration
P25	Resin impregnated paper	

7 - Δp Filter element

N	Δp 10 bar (only for filter element type Pxx and Mxx)
H	Δp 10 bar (only for filter element type Axx)
W*	Δp 10 bar (only for filter element type Axx and Mxx)

8 - Filter element seals

B	NBR
V	FPM

9 - By-pass valve

E	3 bar
B	1.75 bar (Omit in the element code - only for 1.75 bar)

10 - Option

P01	MP Filtri standard
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* Compatible with fluid HFA, HFB, HFC

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Ordering information NEW MPF 181-182-191-192

Filter assembly	1	2	3	4	5	6	7	9	10 a
MPF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Example 1: MPF	181	1	A	G2		A06	H	E	P01
Example 2: MPF	192	2	A	G1	2	P10	N	B	P01

Filter element	1	2	6	7	8	9	10 b
MF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Example 1: MF	180	1	A06	H	B	E	P01
Example 2: MF	190	2	P10	N	B		P01

1 - Style

Filter	Filter element
<input type="checkbox"/> 181	<input type="checkbox"/> 180
<input type="checkbox"/> 182	<input type="checkbox"/> 180
<input type="checkbox"/> 191	<input type="checkbox"/> 190
<input type="checkbox"/> 192	<input type="checkbox"/> 190

2 - Filter length

<input type="checkbox"/> 181	<input type="checkbox"/> 1	<input type="checkbox"/> 2
<input type="checkbox"/> 182	<input type="checkbox"/> 1	<input type="checkbox"/> 2
<input type="checkbox"/> 191		<input type="checkbox"/> 2
<input type="checkbox"/> 192		<input type="checkbox"/> 2

3 - Filter seals & Treatment

<input type="checkbox"/> A	NBR
<input type="checkbox"/> V	FPM
<input type="checkbox"/> W*	NBR, head anodized
<input type="checkbox"/> Z*	FPM, head anodized
<input type="checkbox"/> B	NBR, flat seal on head
<input type="checkbox"/> D	FPM, flat seal on head
<input type="checkbox"/> L	NBR, flat seal on head, head anodized
<input type="checkbox"/> M	FPM, flat seal on head, head anodized

4 - Connections A

MPF 181 - 191

Type 1	T	Type 2	T	A
G1	Indicator port not machined	C1	G 1/8"	G 1 1/4"
G4		C4	1/8" NPT	1 1/4" NPT
G7		C7	1/8" NPT	SAE 20 - 15/8" - 12 UN
G2		C2	G 1/8"	G 1 1/2"
G5		C5	1/8" NPT	1 1/2" NPT
G8		C8	1/8" NPT	SAE 24 - 17/8" - 12 UN

MPF 182 - 192

Type 1	T	Type 2	T	A
G1	Ind. port not mach.	C1	G 1/8"	G 1 1/4"
G4		C4	1/8" NPT	1 1/4" NPT
G7		C7	1/8" NPT	SAE 20 - 15/8" - 12 UN

5 - Connections B (only for MPF 182 - 192)

Type	Connections A		
	G1 - C1	G4 - C4	G7 - C7
1	G 1/2"	1/2" NPT	SAE 8 - 3/4" - 18 UNF
2	G 3/4"	3/4" NPT	SAE 12 - 11/16" - 12 UN

6 - Filter element

<input type="checkbox"/> A03	Inorganic microfibre 3 µ	} Absolute filtration β _x (c) ≥ 1000
<input type="checkbox"/> A06	Inorganic microfibre 6 µ	
<input type="checkbox"/> A10	Inorganic microfibre 10 µ	
<input type="checkbox"/> A16	Inorganic microfibre 16 µ	
<input type="checkbox"/> A25	Inorganic microfibre 25 µ	
<input type="checkbox"/> M25	Wire mesh	} Nominal Filtration
<input type="checkbox"/> M60	Wire mesh	
<input type="checkbox"/> M90	Wire mesh	
<input type="checkbox"/> P10	Resin impregnated paper	} Nominal Filtration
<input type="checkbox"/> P25	Resin impregnated paper	

7 - Δp Filter element

<input type="checkbox"/> N	Δp 10 bar (only for filter element type Pxx and Mxx)
<input type="checkbox"/> H	Δp 10 bar (only for filter element type Axx)
<input type="checkbox"/> W*	Δp 10 bar (only for filter element type Axx and Mxx)

8 - Filter element seals

<input type="checkbox"/> B	NBR
<input type="checkbox"/> V	FPM

9 - By-pass valve

<input type="checkbox"/> E	3 bar
<input type="checkbox"/> B	1.75 bar (Omit in the element code - only for 1.75 bar)

10 - Option

a) Filter	
<input type="checkbox"/> P01	MP Filtri standard
<input type="checkbox"/> Sxx	Filter assembly with steel extension tube mounted (only for MPF 191-192)
b) Filter element	
<input type="checkbox"/> P01	MP Filtri standard

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Ordering information MPF 184-194-400-750

Filter assembly

MPF

	1	2	3	4	5	6	8	9a
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Example 1: MPF	184	2	A	G2	A06	H	E	P01
Example 2: MPF	750	1	A	G4	P10	N	B	P01

Filter element

MF

	1	2	5	6	7	8	9b
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Example 1: MF	180	2	A06	H	B	E	P01
Example 2: MF	750	1	P10	N	B		P01

1 - Style

Filter	Filter element
184	180
194	190
400 450 451	400
750	750

2 - Filter length

184	1	2
194		2
400 450 451	1	2 3
750	1	

3 - Filter seals & Treatment

A	NBR
V	FPM
W*	NBR, head anodized
Z*	FPM, head anodized

4 - Connections

MPF 184 - 194

Type	A	B
G1	G 1 1/4"	-
G13	G 1 1/2"	-
G4	1 1/4" NPT	-
G15	1 1/2" NPT	-
G7	SAE 20 - 1 5/8" - 12 UN	-
G10	SAE 24 - 1 7/8" - 12 UN	-
G2	G 1 1/4"	G 1 1/4"
G14	G 1 1/2"	G 1 1/4"
G5	1 1/4" NPT	1 1/4" NPT
G16	1 1/2" NPT	1 1/4" NPT
G8	SAE 20 - 1 5/8" - 12 UN	SAE 20 - 1 5/8" - 12 UN
G11	SAE 24 - 1 7/8" - 12 UN	SAE 20 - 1 5/8" - 12 UN
F1	1 1/2" SAE 3000 psi/M	-
F2	1 1/2" SAE 3000 psi/UNC	-
F3	1 1/2" SAE 3000 psi/M	1 1/2" SAE 3000 psi/M
F4	1 1/2" SAE 3000 psi/UNC	1 1/2" SAE 3000 psi/UNC

MPF 400

Type	A	Type	A
G1	G 1 1/4"	G6	2" NPT
G2	G 1 1/2"	G7	SAE 20 - 1 5/8" - 12 UN
G3	G 2"	G8	SAE 24 - 1 7/8" - 12 UN
G4	1 1/4" NPT	G9	SAE 32 - 2 1/2" - 12 UN
G5	1 1/2" NPT	-	-

MPF 450 - 451 - 750

Type	A	E(1)
G1	G 2"	G 3/4"
G4	2" NPT	3/4" NPT
G7	SAE 32 - 2 1/2" - 12 UN	SAE 12
F1	2" SAE 3000 psi/M	G 3/4"
F2	2" SAE 3000 psi/UNC	3/4" NPT

(1) Additional port only for MPF 451

5 - Filter element

A03	Inorganic microfibre	3 μ	Absolute filtration βx (c) ≥ 1000
A06	Inorganic microfibre	6 μ	
A10	Inorganic microfibre	10 μ	
A16	Inorganic microfibre	16 μ	
A25	Inorganic microfibre	25 μ	
M25	Wire mesh		Nominal Filtration
M60	Wire mesh		
M90	Wire mesh		
P10	Resin impregnated paper		Nominal Filtration
P25	Resin impregnated paper		

6 - Δp Filter element

N	Δp 10 bar (only for filter element type Pxx and Mxx)
H	Δp 10 bar (only for filter element type Axx)
W*	Δp 10 bar (only for filter element type Axx and Mxx)

7 - Filter element seals

B	NBR
V	FPM

8 - By-pass valve

E	3 bar
B	1.75 bar (Omit in the element code - only for 1.75 bar)

9 - Option

a) Filter	
P01	MP Filtri standard
Sxx	Filter assembly with steel extension tube mounted (only for MPF 194-400-450-451-750)
b) Filter element	
P01	MP Filtri standard

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