

Filter

Return Line Filter
Mega Flow Rate Filter
Aluminum Filter
Super High Pressure Filter
High Pressure Filter
Medium Pressure Filter
Suction Filter
Elements of Filter
Strainer
Pressure Indicator



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Return Line Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
08	RFTD-06	BSP 3/4"	64 ~ 290	8	Plastic
08	RFTD-08	BSP 1"	64 ~ 290	8	Plastic
10	RFTD-10	BSP 1 1/4"	230 ~ 400	8	Plastic
12	RFTD-12	BSP 1 1/2"	450 ~ 750	8	Plastic
14	RFT-06	PT 3/4"	75	13.7	Iron
14	RF-06	PT 3/4"	75	13.7	Iron
14	RF-08	PT 1"	75	13.7	Iron
14	RF-10	PT 1 1/4"	75	6.8	Iron
16	FPA-06	PT 3/4"	70	25	Iron
16	FPA-08	PT 1"	90	25	Iron
16	FPF-06	PT 3/4"	70	10	Plastic
16	FPF-08	PT 1"	90	10	Plastic
18	SPR-06	NPT 3/4"	30	8	Plastic
18	PR-06	NPT 3/4"	90	8	Plastic
18	BPR-08	NPT 1"	280	8	Plastic

Mega Flow Rate Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
20	DFM-12	PT 1 1/2"	180 ~ 500	70	Casting Iron
22	DMPH-12	BSP 1 1/2"	350	70	Iron
24	SMPH-10	PT 1 1/4"	350	70	Iron
24	SMPH-12	PT 1 1/2"	350	70	Iron

Aluminum Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
26	DHP-04-1	BSP, NPT, SAE 1/2", 3/8"	15 ~ 75	105	Aluminum
26	DHP-04-2	BSP, NPT, SAE 1/2"	20 ~ 90	105	Aluminum
26	DHP-04-3	BSP, NPT, SAE 1/2"	30 ~ 100	105	Aluminum
28	DHP-06-1	BSP, NPT, SAE 3/4"	15 ~ 75	210	Aluminum
28	DHP-06-2	BSP, NPT, SAE 3/4"	35 ~ 120	210	Aluminum
30	DHHP-08-1	BSP, NPT, SAE 1"	70 ~ 120	210	Aluminum
30	DHHP-08-2	BSP, NPT, SAE 1"	90 ~ 140	210	Aluminum
30	DHHP-08-3	BSP, NPT, SAE 1"	110 ~ 170	210	Aluminum
32	DHHP-10-1	BSP, NPT, SAE 1 1/4"	140 ~ 400	210	Aluminum
32	DHHP-10-2	BSP, NPT, SAE 1 1/2"	180 ~ 500	210	Aluminum
32	DHHP-10-3	BSP, NPT, SAE 2"	250 ~ 600	210	Aluminum

Super High Pressure Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
34	HHP-03	BSP, NPT, SAE 3/8"	3.5 ~ 15	630	Steel
36	HHPG-03	BSP, NPT, SAE 3/8"	3.5 ~ 15	630	Steel

High Pressure Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
38	HP-06-1	BSP, NPT, SAE 3/4"	15 ~ 75	280	Steel
38	HP-06-2	BSP, NPT, SAE 3/4"	20 ~ 90	280	Steel
38	HP-06-3	BSP, NPT, SAE 3/4"	35 ~ 120	280	Steel
40	HP-08-1	BSP, NPT, SAE 1"	35 ~ 120	280	Steel
40	HP-08-2	BSP, NPT, SAE 1"	70 ~ 200	280	Steel
42	HP-10-1	BSP, NPT, SAE 1"	70 ~ 200	280	Steel
42	HP-10-2	BSP, NPT, SAE 1 1/4"	140 ~ 400	280	Steel
42	HP-10-3	BSP, NPT, SAE 1 1/2"	200 ~ 500	280	Steel
42	HP-10-4	BSP, NPT, SAE 2"	250 ~ 600	280	Steel

High Pressure Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
44	HPH-06-2	PT 3/4"	28 ~ 100	250	Forged Iron
44	HPH-06-3	PT 3/4"	49 ~ 105	250	Forged Iron
46	HPH-08-2	PT 1"	110 ~ 225	250	Forged Iron
48	HPH-10-2	PT 1 1/4"	192 ~ 378	250	Forged Iron
48	HPH-12-2	PT 1 1/2"	192 ~ 378	250	Forged Iron
50	ILF	PT, BSPP, NPT, SAE 1/4", 3/8", 1/2"	35	350	Forged Iron
52	HPM-02	ISO 4401-03 cetop-03	3.5 ~ 15	280	Steel
54	HPM-03	ISO 4401-05 cetop-05	20 ~ 90	280	Steel
56	HPG-06	-	15 ~ 120	280	Steel

Medium Pressure Filter

Page No.	Model	Thread Connection	Flow (l/min)	Operating Pressure (bar)	House Material
58	MPH-04	BSP 1/2"	35	70	Casting Iron
60	MPH-08	PT 1"	85	105	Casting Iron
62	MPH-10	PT 1 1/4"	250	105	Casting Iron
62	MPH-12	PT 1 1/2"	250	105	Casting Iron

Suction Filter

Page No.	Model	Flange	Flow (l/min)	Operating Pressure (bar)	House Material
64	FSS-16-10	1 1/4"	250	10	Iron
64	FSS-16-12	1 1/2"	300	10	Iron
64	FSS-16-16	2"	320	10	Iron
64	FSS-24-16	2"	400	10	Iron
64	FSS-24-20	2 1/2"	550	10	Iron
64	FSS-24-24	3"	700	10	Iron
64	FSS-32-24	3"	750	10	Iron
64	FSS-32-28	3 1/2"	760	10	Iron
64	FSS-32-32	4"	820	10	Iron

Page No.	Model	Thread Connection	Flow (l/min)	House Material
66	KSS-10	BSP 1 1/4"	160	-
66	KSS-12	BSP 1 1/2"	180	-

RFTD-06, 08

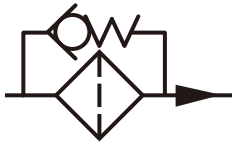


RFTD-06-2

RFTD-06-3



SYMBOLS



ORDER CODES

RFTD - **06** - **2** - **P25**

1 2 3 4

1	Model Name	RFTD	
2	Thread Connection	06	BSP 3/4"
		08	BSP 1"
3	Bowl Length (mm)	2	146
		3	224
4	Type of Filter Element	A10, A25, P10, P25, M100 *	

* P10:paper 10μ, P25:paper 25μ

MODEL SPEC.

Model	Thread Connection (BSP)	Type of Filter Element	Flow (l/min)	Operating Pressure (bar)	Max. Operating Temperature	Weight (kg)
RFTD-06-2 RFTD-08-2	3/4" 1"	A10	64	8	110°C (230°F)	0.86
		A25	95			
		P10	110			
		P25	120			
		M100	290			
RFTD-06-3 RFTD-08-3	3/4" 1"	A10	125			0.96
		A25	168			
		P10	220			
		P25	250			
		M100	290			

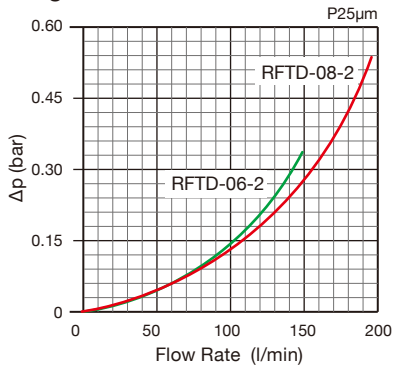
Filter housing (Materials)
• Head: Aluminium
• Cover and house: Nylon

HOUSING PRESSURE DROP CURVE

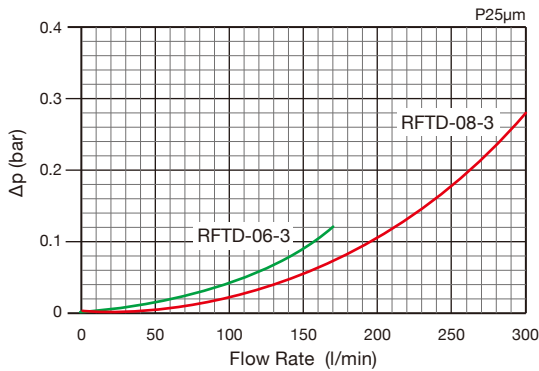
DIMENSION

(UNIT : mm)

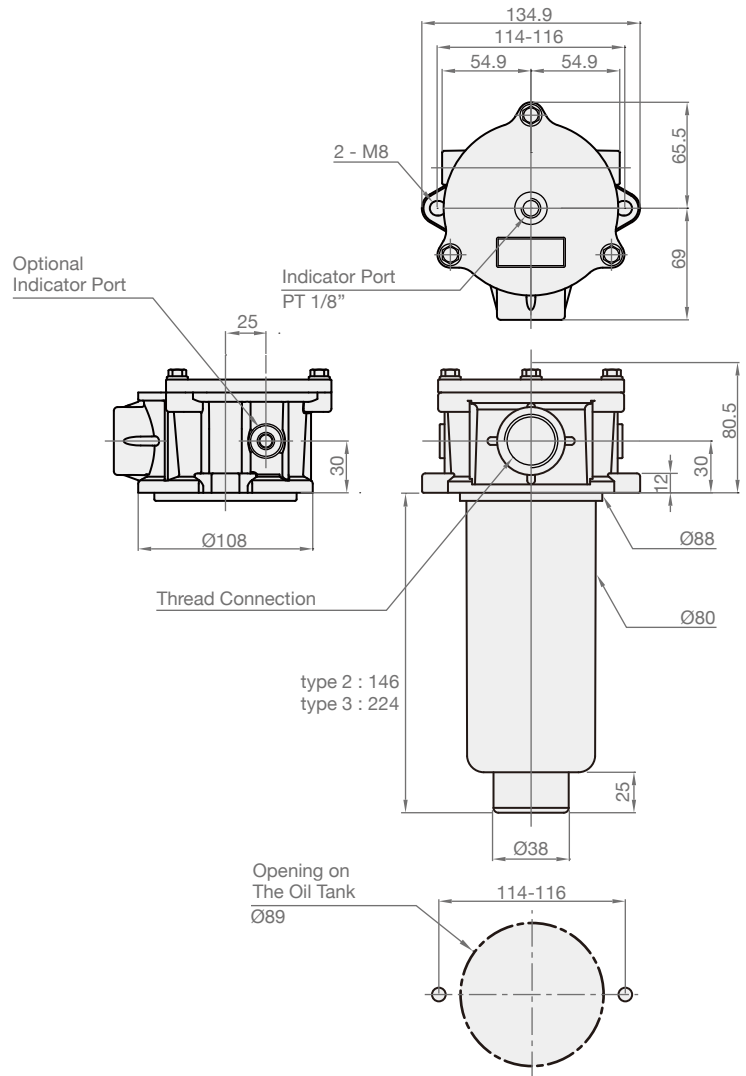
► Length 2



► Length 3

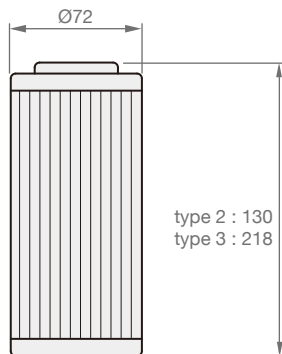


On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.



ELEMENTS

(UNIT : mm)



Weight of Elements
type 2 : 0.14 kg
type 3 : 0.18 kg

► Order Codes

SE - **RFTD-08-3** - **P25**

1

2

3

1	Elements Model Name	SE
2	Filter Model Name	RFTD - 06, 08 - 2, 3
3	Type of Filter Element	A10, A25, P10, P25, M100, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

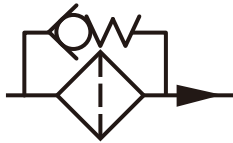
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

RFTD-10



SYMBOLS



ORDER CODES

RFTD	-	10	-	P25
1		2		3

1	Model Name	RFTD	
2	Thread Connection	10	BSP 1 1/4"
3	Type of Filter Element	A10, A25, P10, P25, M100 *	

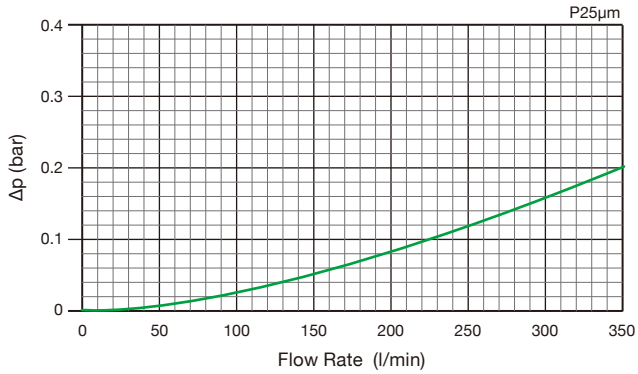
* P10:paper 10μ, P25:paper 25μ

MODEL SPEC.

Model	Thread Connection (BSP)	Type of Filter Element	Flow (l/min)	Operating Pressure (bar)	Max. Operating Temperature	Weight (kg)
RFTD-10	1 1/4"	A10	230	8	110°C (230°F)	1.98
		A25	275			
		P10	280			
		P25	295			
		M100	400			

Filter housing (Materials)
• Head: Aluminium
• Cover and house: Nylon

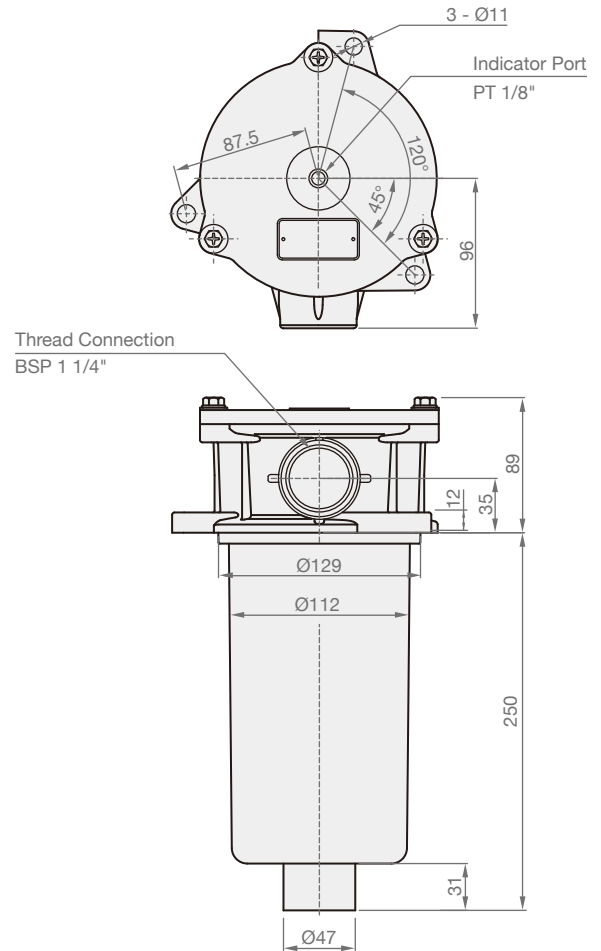
HOUSING PRESSURE DROP CURVE



On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.

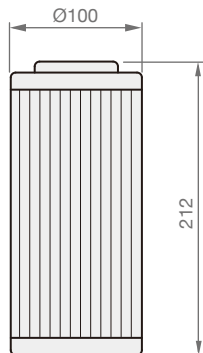
DIMENSION

(UNIT : mm)



ELEMENTS

(UNIT : mm)



Weight of Elements : 0.38 kg

► Order Codes

SE - **RFTD-10** - **P25**

① ② ③

①	► Elements Model Name	SE
②	► Filter Model Name	RFTD-10
③	► Type of Filter Element	A10, A25, P10, P25, M100, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

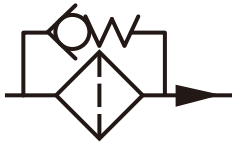
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

RFTD-12



SYMBOLS



ORDER CODES

RFTD - **12** - **M100**

1 2 3

1	Model Name	RFTD	
2	Thread Connection	12	BSP 1 1/2"
3	Type of Filter Element	A10, A25, P10, P25, M100 *	

* P10:paper 10μ, P25:paper 25μ

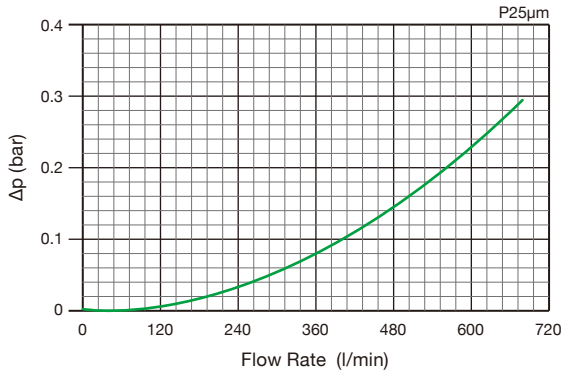
MODEL SPEC.

Model	Thread Connection (BSP)	Type of Filter Element	Flow (l/min)	Operating Pressure (bar)	Max. Operating Temperature	Weight (kg)
RFTD-12	1 1/2"	A10	450	8	110°C (230°F)	3.38
		A25	580			
		P10	610			
		P25	640			
		M100	750			

Filter housing (Materials)

- Head: Aluminium
- Cover and house: Nylon

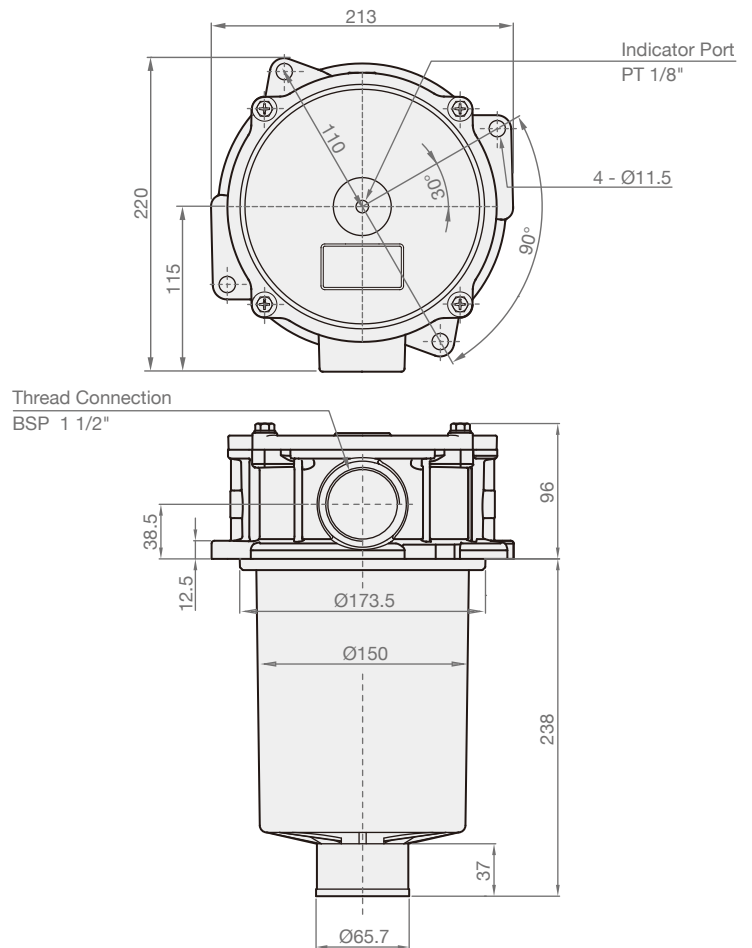
HOUSING PRESSURE DROP CURVE



On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.

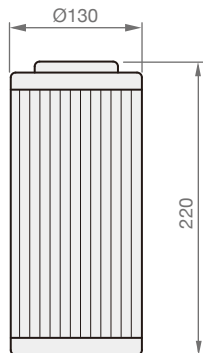
DIMENSION

(UNIT : mm)



ELEMENTS

(UNIT : mm)



Weight of Elements : 0.64 kg

► Order Codes

SE - **RFTD-12** - **M100**

① ② ③

①	► Elements Model Name	SE
②	► Filter Model Name	RFTD-12
③	► Type of Filter Element	A10, A25, P10, P25, M100, etc.

► Material of Filtering Element

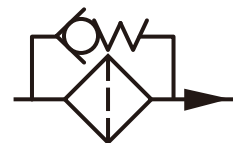
1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

RFT, RF

SYMBOLS



ORDER CODES

RFT - 06 - 25N

1

2

3

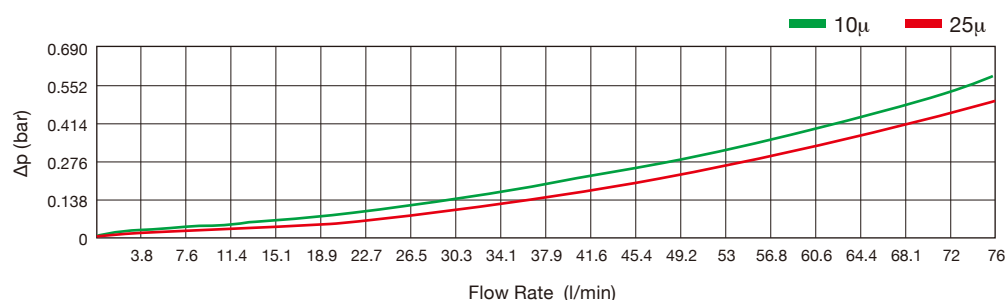
1	Model Name	RFT	tank type
		RF	piping type
2	Thread Connection	06	PT 3/4"
		08	PT 1"
		10	PT 1 1/4"
3	Type of Filter Element	10N, 25N, 100M *	

* N:Paper ; 10:10μ, 25:25μ ; M:metal ; 100:100Mesh

MODEL SPEC.

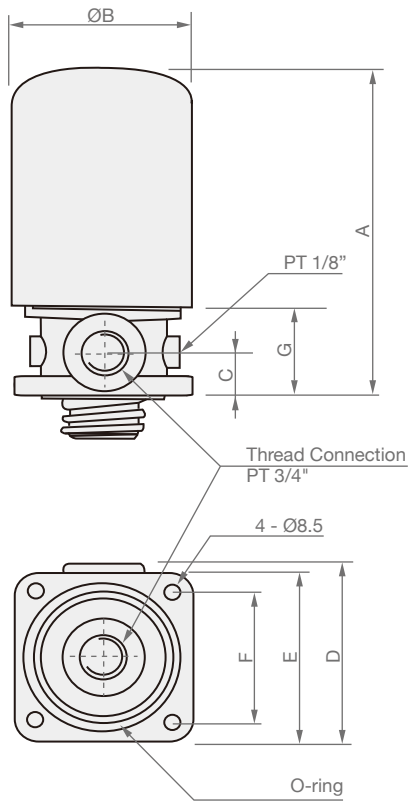
Model	Mounted	Thread Connection (PT)	Max. Operating Pressure (bar)	Max. Operating Temperature	Weight (kg)
RFT-06	Tank	3/4"	13.7	107°C (225°F)	0.98
RF-06	Piping	3/4"	13.7		0.8
RF-08	Piping	1"	13.7		0.8
RF-10	Piping	1 1/4"	6.8		1.84

HOUSING PRESSURE DROP CURVE

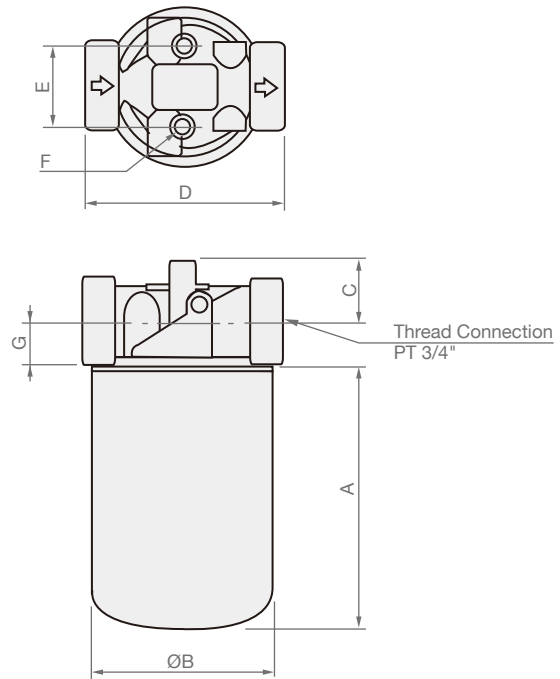


On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.

► RFT



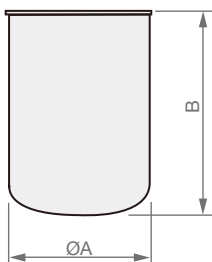
► RF



Model	A	B	C	D	E	F	G
RFT-06	184	94	25	95	90	70	50
RF-06	133	94	25	94	38	M6 P1	24
RF-08	133	94	25	94	38	M6 P1	24
RF-10	174	127	30	135	47.6	M8 P1.25	37

ELEMENTS

(UNIT : mm)

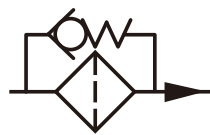


Model	A	B	Nominal Filtration Retention	Flow (l/min)	Apply to
SE-50-10N	95	133	10µ Cellulose	60	RFT-06, RF-06, RF-08
SE-50-25N	95	133	25µ Cellulose	70	RFT-06, RF-06, RF-08
SE-50-100M	95	133	149µ Wire mesh	150	RFT-06, RF-06, RF-08
SE-70-10N	95	219	10µ Cellulose	70	RFT-06, RF-06, RF-08
SE-70-25N	95	219	25µ Cellulose	80	RFT-06, RF-06, RF-08
SE-100-10N	129	174	10µ Cellulose	150	RF-10
SE-100-25N	129	174	25µ Cellulose	160	RF-10
SE-100-100M	129	174	149µ Wire mesh	250	RF-10
SE-150-10N	129	279	10µ Cellulose	170	RF-10
SE-150-25N	129	279	25µ Cellulose	180	RF-10

FPA, FPF



SYMBOLS



ORDER CODES

FPF - **06** - **100M**

1 2 3

1	Model Name	FPA	
		FPAL	stretchy type
		FPF	semi-transparent out casing
		FPFL	semi-transparent out casing, stretchy type
2	Thread Connection	06	PT 3/4"
		08	PT 1"
3	Type of Filter Element	100M, 150M, etc.	

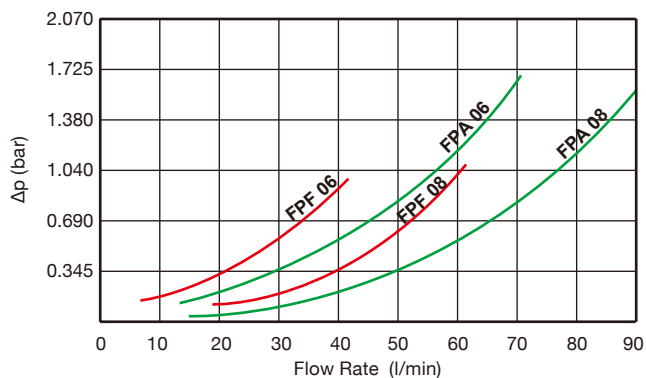


MODEL SPEC.

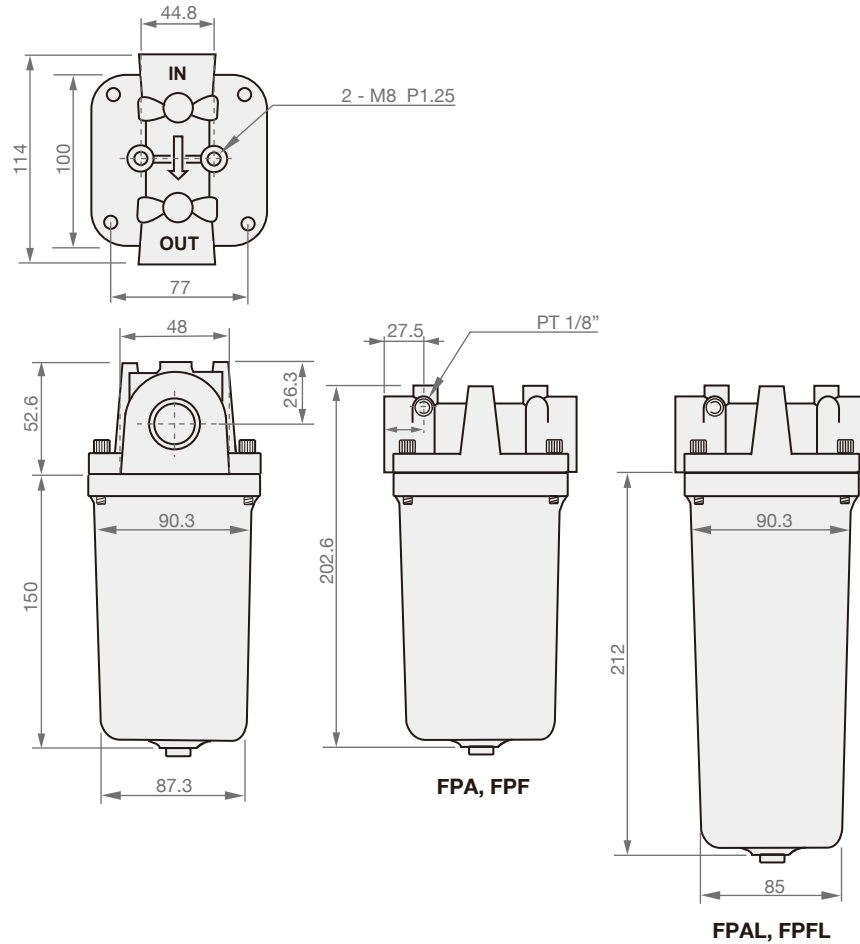
Model	Thread Connection (PT)	Flow (l/min)	Operating Pressure (bar)	Weight (kg)
FPA-06	3/4"	70	25	1.68
FPA-08	1"	90	25	1.68
FPF-06	3/4"	70	10	1.14
FPF-08	1"	90	10	1.14

FPF, FPFL - Max. operating temperature : 70°C

HOUSING PRESSURE DROP CURVE

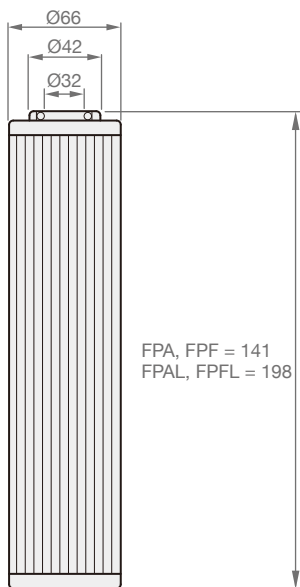


On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.



ELEMENTS

(UNIT : mm)



► Order Codes

SE - FPF - 100M

1 2 3

1	► Elements Model Name	SE
2	► Filter Model Name	FPA, FPAL, FPF, FPFL
3	► Type of Filter Element	100M, 150M, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

SPR-06, PR-06, BPR-08



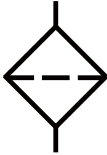
SPR-06

PR-06

BPR-08



SYMBOLS



ORDER CODES

SPR-06 - T150

1

2

1 ▶

Model Name &
Thread Connection

SPR-06

NPT 3/4"

PR-06

NPT 3/4"

BPR-08

NPT 1"

2 ▶

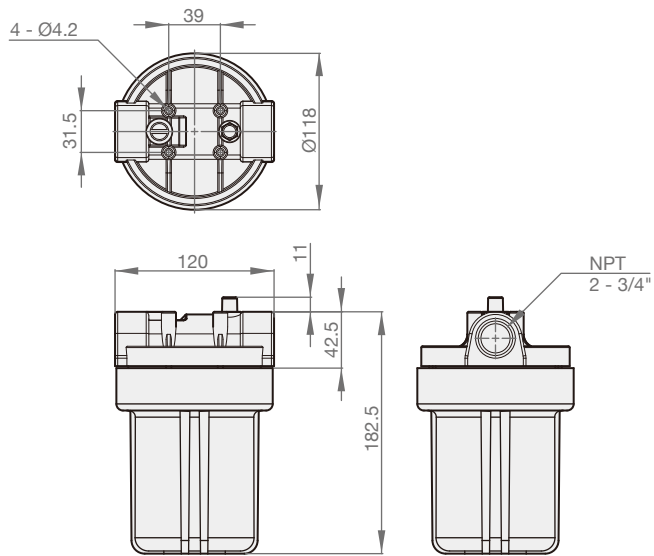
Type of Filter Element

T150

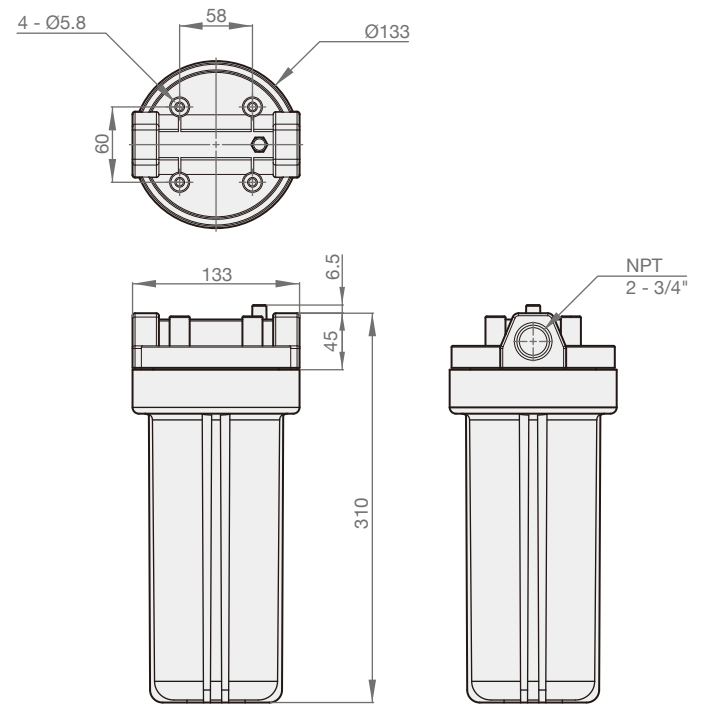
MODEL SPEC.

Model	Thread Connection (NPT)	Type of Filter Element	Flow (l/min)	Max. Pressure (bar)	Weight (kg)
SPR-06	3/4"	T150	30	8	0.6
PR-06	3/4"	T150	90	8	1.2
BPR-08	1"	T150	280	8	3.3

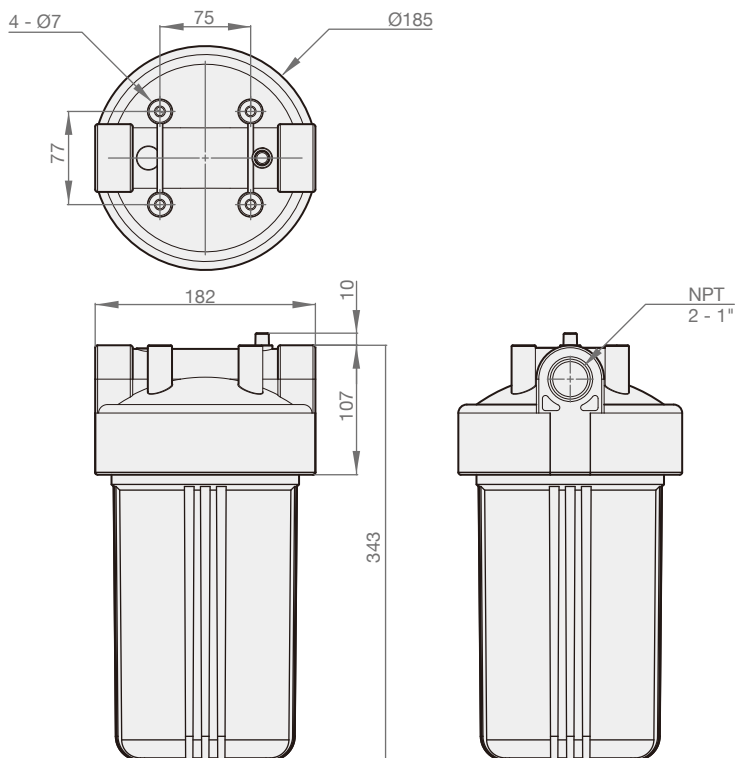
► SPR-06



► PR-06



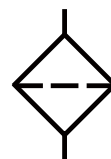
► BPR-08



DFM



SYMBOLS



ORDER CODES

DFM - **12** - **2** - **M800** - **S1**

① ② ③ ④ ⑤

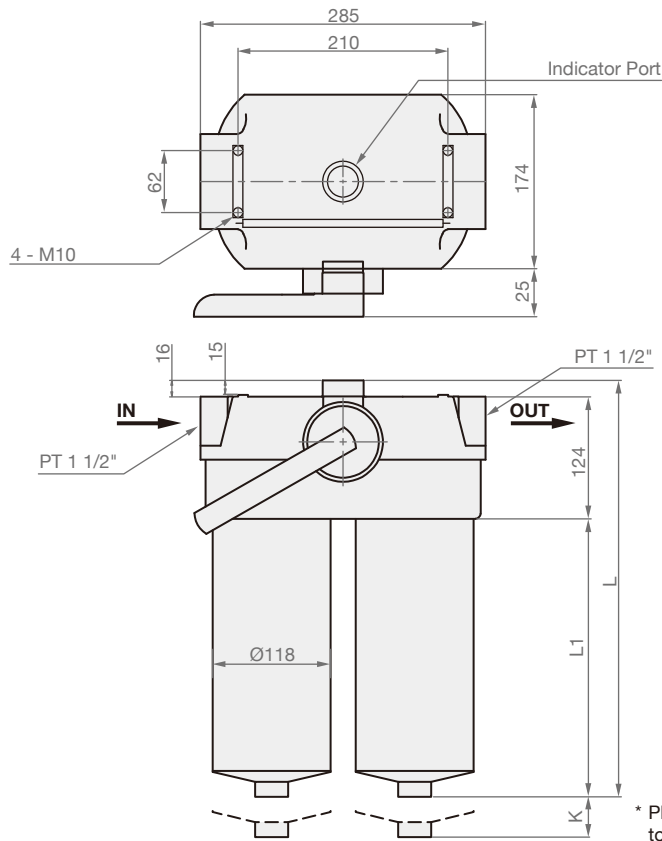
① ▶ Model Name	DFM	
② ▶ Thread Connection	12	PT 1 1/2"
③ ▶ Housing Length (mm)	1	314
	2	427
	3	556
④ ▶ Type of Filter Element	wire mesh : M100, M120, M150, M200, M250, M300, M400, M600, M800 fiber micron : FC3, FC10, FC25, FC40	
⑤ ▶ Type of Pressure Indicator	S1	visual
	S2	visual-electrical

MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Max. Pressure (bar)	Weight (kg)
DFM-12-1	1 1/2"	180	70	11.7
DFM-12-2	1 1/2"	350	70	13.9
DFM-12-3	1 1/2"	500	70	16.5

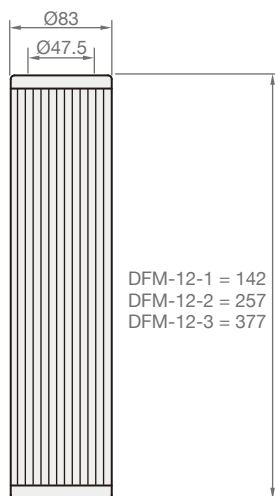
* Pressure indicator is an optional accessory.

* The pressure indicator and the element are not included in weight.



Model	L	L1	K
DFM-12-1	314	180	110
DFM-12-2	427	296	220
DFM-12-1	556	418	350

ELEMENTS



► Order Codes

SE - DFM-12-2 - M800

1	► Elements Model Name	SE
2	► Filter Model Name	DFM-12-1, 2, 3
3	► Type of Filter Element	wire mesh : M100, M120, M150, M200, M250, M300, M400, M600, M800 fiber micron : FC3, FC10, FC25, FC40

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : M100, M120, M150, M200, M250, M300, M400, M600, M800, etc.
3. Regular order of glass fiber element : FC3, FC10, FC25, FC40, etc.

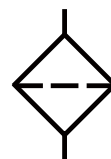
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

DMPH



SYMBOLS



ORDER CODES

DMPH - **12** - **1** - **400M** - **S2**

1
2
3
4
5

1	Model Name	DMPH	
2	Thread Connection	12	BSP 1 1/2"
3	Bowl Length (mm)	1	145
		2	210
		3	265
4	Type of Filter Element	400M, 700M, A10, A25, etc.	
5	Type of Pressure Indicator	S1	visual
		S2	visual-electrical

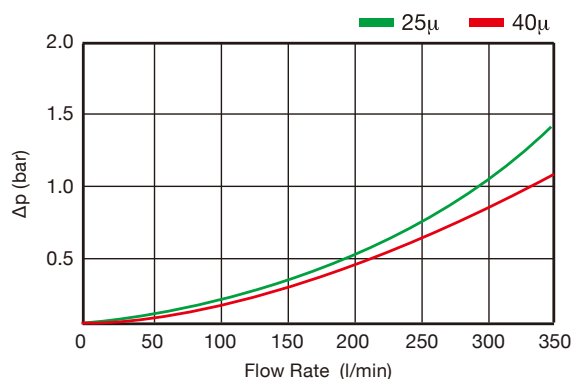
MODEL SPEC.

Model	Thread Connection (BSP)	Max. Flow Rate (l/min)	Operating Pressure (bar)	Weight (kg)
DMPH-12	1 1/2"	350	70	11.2

* Pressure indicator is an optional accessory.

* The pressure indicator and the element are not included in weight.

HOUSING PRESSURE DROP CURVE

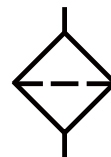


Density: 32 mm²/s
 Δp varies proportional with density.

SMPH



SYMBOLS



ORDER CODES

SMPH - **12** - **1** - **400M** - **S2**

① ② ③ ④ ⑤

1 ▶	Model Name	SMPH	
2 ▶	Thread Connection	10	PT 1 1/4"
		12	PT 1 1/2"
3 ▶	Bowl Length (mm)	1	145
		2	210
		3	265
4 ▶	Type of Filter Element	400M, 700M, A10, A25, etc.	
5 ▶	Type of Pressure Indicator	S1	visual
		S2	visual-electrical

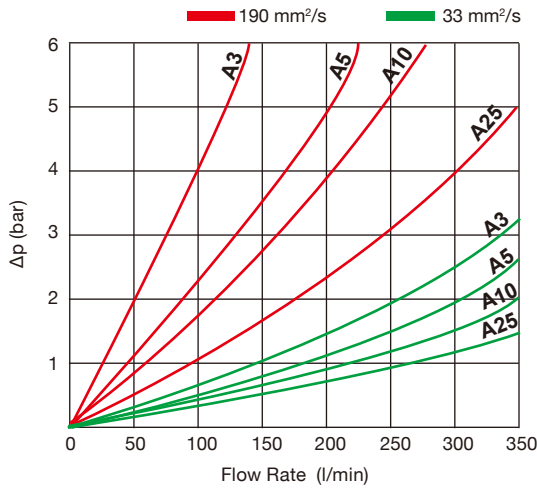
MODEL SPEC.

Model	Thread Connection (PT)	Max. Flow Rate (l/min)	Operating Pressure (bar)	Weight (kg)
SMPH-10	1 1/4"	350	70	3.2
SMPH-12	1 1/2"	350	70	3.2

* Pressure indicator is an optional accessory.

* The pressure indicator and the element are not included in weight.

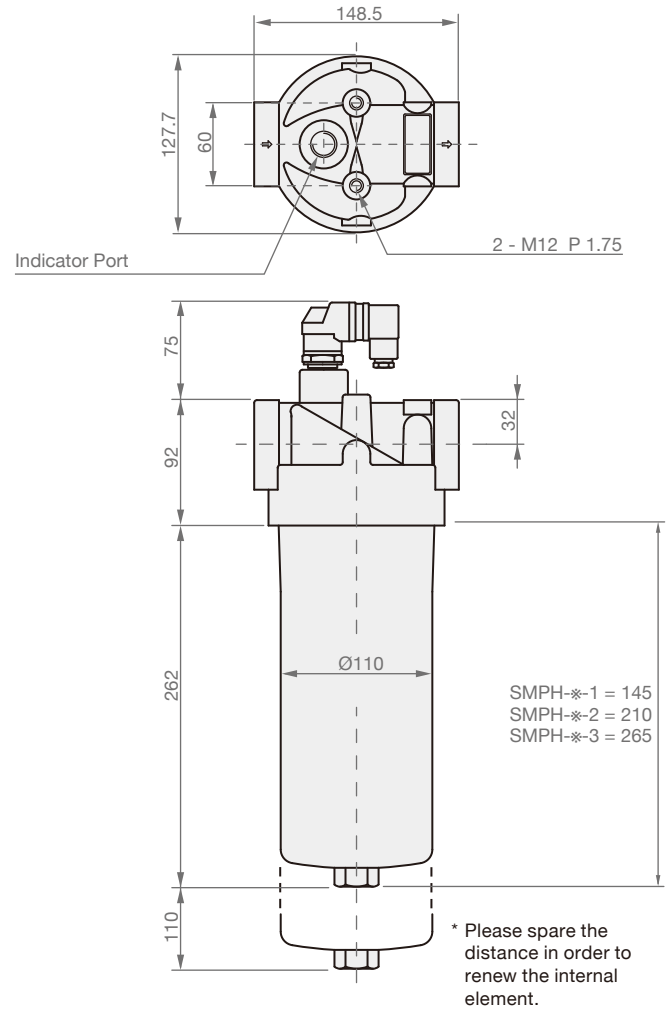
HOUSING PRESSURE DROP CURVE



Density: 32 mm²/s
Δp varies proportional with density.

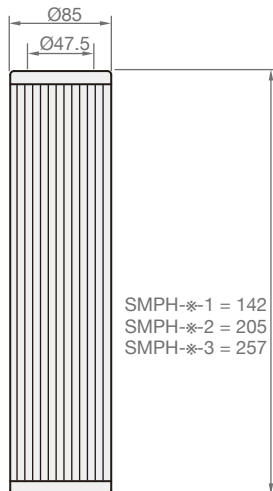
DIMENSION

(UNIT : mm)



ELEMENTS

(UNIT : mm)



► Order Codes

SE - **SMPH-10-2** - **400M**

1 2 3

1	► Elements Model Name	SE
2	► Filter Model Name	SMPH-10, 12-1, 2, 3
3	► Type of Filter Element	400M, 700M, A10, A25, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

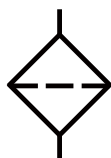
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

DHP-04



SYMBOLS



ORDER CODES

DHP-04 - **1** - **T40** - **N** - **N**

1 2 3 4 5

1	Model Name	DHP-04	
2	Housing Length & Thread Connection	1	138mm BSP, NPT, SAE 1/2", 3/8"
		2	178mm BSP, NPT, SAE 1/2"
		3	242mm BSP, NPT, SAE 1/2"
3	Type of Filter Element	A3	fiber 3um, B $\geq$ 1000
		A6	fiber 6um, B $\geq$ 1000
		A10	fiber 10um, B $\geq$ 1000
		A25	fiber 25um, B $\geq$ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
5	Seals	N	NBR
		V	viton

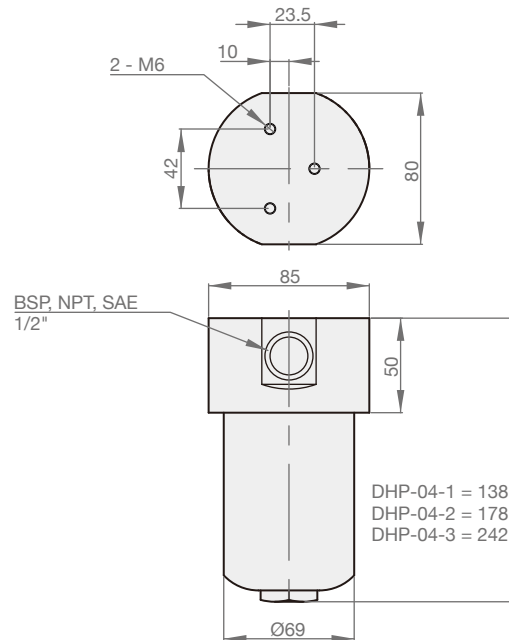
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHP-04-1	1/2", 3/8"	A3	15	140	105	0.9
		A6	20			
		A10	35			
		A25	50			
		T40	75			
DHP-04-2	1/2"	A3	20	140	105	1.2
		A6	35			
		A10	50			
		A25	70			
		T40	90			
DHP-04-3	1/2"	A3	30	140	105	1.4
		A6	40			
		A10	60			
		A25	80			
		T40	100			

* The element are not included in weight.

DIMENSION

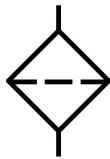
(UNIT : mm)



DHP-06



SYMBOLS



ORDER CODES

DHP-06 - **2** - **A6** - **D1** - **N**

1 2 3 4 5

1	Model Name	DHP-06	
2	Housing Length & Thread Connection	1	170mm BSP, NPT, SAE 3/4"
		2	302mm BSP, NPT, SAE 3/4"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

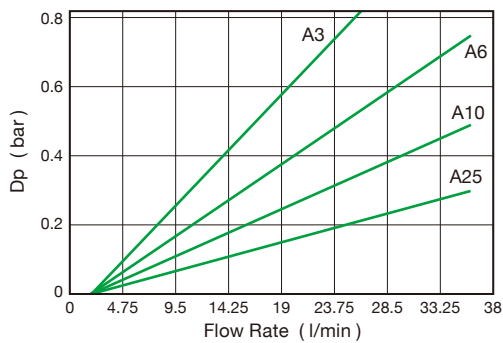
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHP-06-1	3/4"	A3	15	245	210	1.6
		A6	20			
		A10	35			
		A25	50			
		T40	75			
DHP-06-2	3/4"	A3	35	245	210	2.3
		A6	60			
		A10	70			
		A25	90			
		T40	120			

* The pressure indicator and the element are not included in weight.

CURVE

► DHP-06-1 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

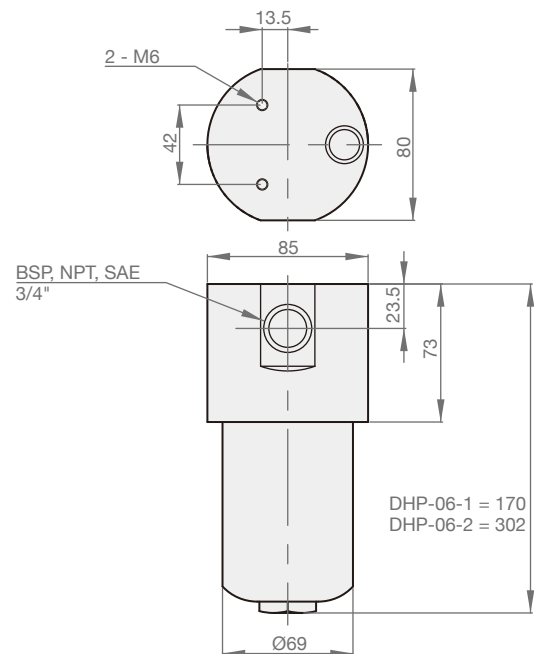
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

Dp element = Dp curve * Viscosity/150 * SG/0.86

DIMENSION

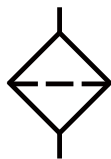
(UNIT : mm)



DHHP-08



SYMBOLS



ORDER CODES

DHHP-08 - **3** - **A6** - **D1** - **N**

1 2 3 4 5

1	Model Name	DHHP-08	
2	Housing Length & Thread Connection	1	234mm BSP, NPT, SAE 1"
		2	295mm BSP, NPT, SAE 1"
		3	380mm BSP, NPT, SAE 1"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

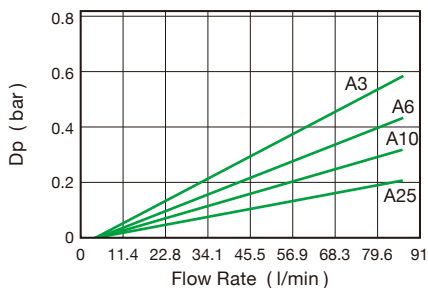
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHHP-08-1	1"	A3	70	245	210	2.4
		A6	80			
		A10	90			
		A25	100			
		T40	120			
DHHP-08-2	1"	A3	90	245	210	3.2
		A6	100			
		A10	110			
		A25	120			
		T40	140			
DHHP-08-3	1"	A3	110	245	210	3.9
		A6	120			
		A10	130			
		A25	150			
		T40	170			

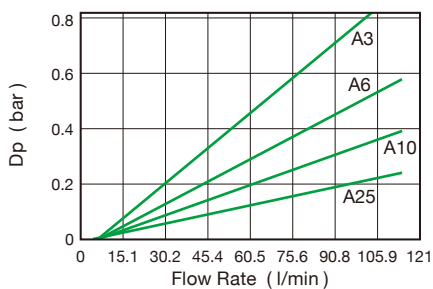
* The pressure indicator and the element are not included in weight.

CURVE

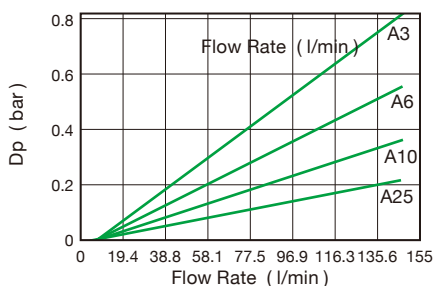
► DHHP-08-1 Duaglass Dp v.s. Flow Rate



► DHHP-08-2 Duaglass Dp v.s. Flow Rate



► DHHP-08-3 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

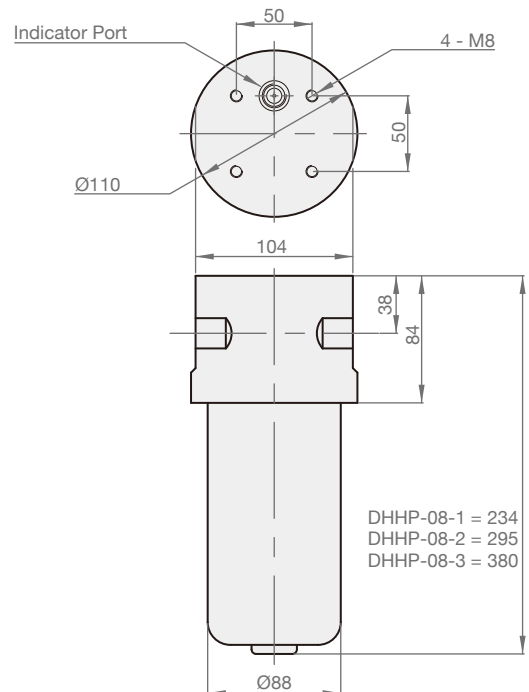
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

$Dp_{element} = Dp_{curve} \times \text{Viscosity}/150 \times SG/0.86$

DIMENSION

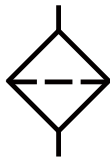
(UNIT : mm)



DHHP-10



SYMBOLS



ORDER CODES

DHHP-10 - **2** - **A25** - **D2** - **N**

1 2 3 4 5

1	Model Name	DHHP-10	
2	Housing Length & Thread Connection	1	325mm BSP, NPT, SAE 1 1/4"
		2	483mm BSP, NPT, SAE 1 1/2"
		3	575mm BSP, NPT, SAE 2"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

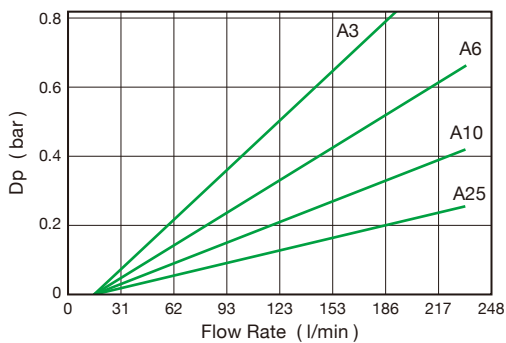
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHHP-10-1	1 1/4"	A3	140	250	210	7.1
		A6	240			
		A10	290			
		A25	360			
		T40	400			
DHHP-10-2	1 1/2"	A3	180	250	210	8.9
		A6	300			
		A10	360			
		A25	450			
		T40	500			
DHHP-10-3	2"	A3	250	250	210	9.5
		A6	360			
		A10	450			
		A25	500			
		T40	600			

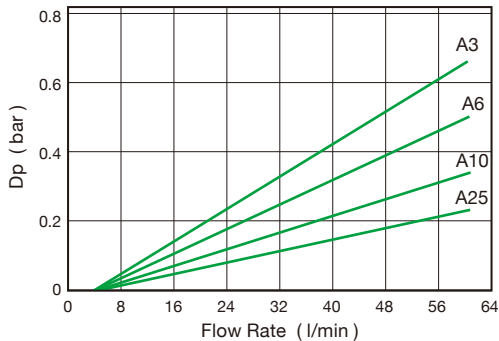
* The pressure indicator and the element are not included in weight.

CURVE

► DHHP-10-1 Duaglass Dp v.s. Flow Rate



► DHHP-10-2 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

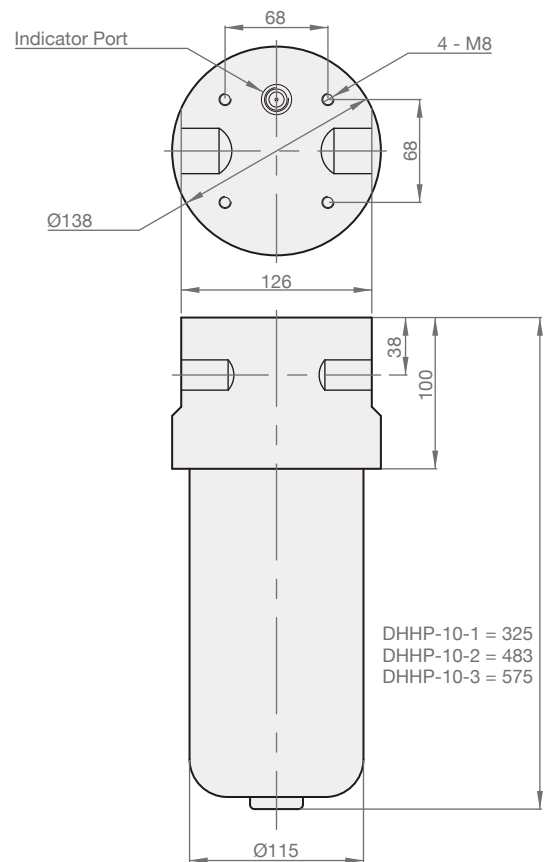
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

Dp element = Dp curve * Viscosity/150 * SG/0.86

DIMENSION

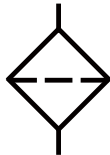
(UNIT : mm)



DHHP-12



SYMBOLS



ORDER CODES

DHHP-12 - **1** - **A25** - **D1** - **N**

1 2 3 4 5

1	Model Name	DHHP-12	
2	Housing Length & Thread Connection	1	444mm BSP, NPT, SAE 1 1/2"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

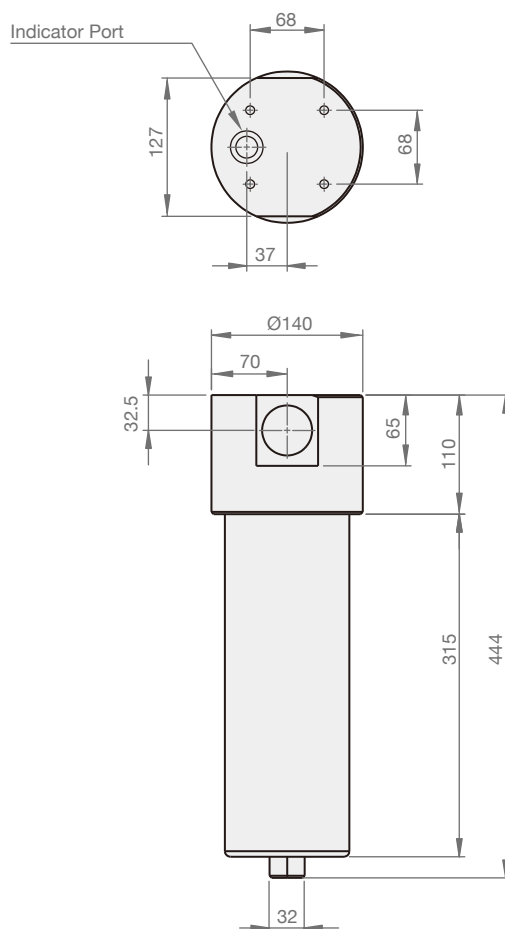
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHHP-12	1 1/2"	A03	180	250	210	7.4
		A06	300			
		A10	360			
		A25	450			
		T40	500			

* The pressure indicator and the element are not included in weight.

DIMENSION

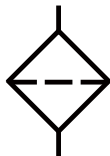
(UNIT : mm)



DHHP-16



SYMBOLS



ORDER CODES

DHHP-16 - **1** - **A25** - **D2** - **N**

1 2 3 4 5

1	Model Name	DHHP-16	
2	Housing Length & Thread Connection	1	569mm BSP, NPT, SAE 2"
3	Type of Filter Element	A3	fiber 3um, B $\geq$ 1000
		A6	fiber 6um, B $\geq$ 1000
		A10	fiber 10um, B $\geq$ 1000
		A25	fiber 25um, B $\geq$ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

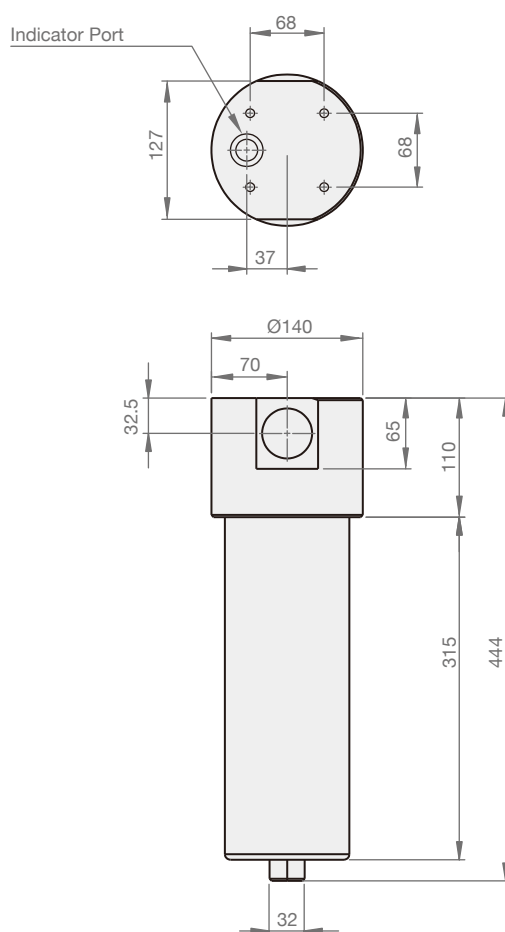
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
DHHP-16	2"	A03	250	250	210	15.4
		A06	360			
		A10	450			
		A25	500			
		T40	600			

* The pressure indicator and the element are not included in weight.

DIMENSION

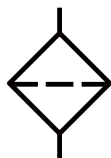
(UNIT : mm)



HHP-03



SYMBOLS



ORDER CODES

HHP - **03** - **T40** - **D2** - **N**

1 2 3 4 5

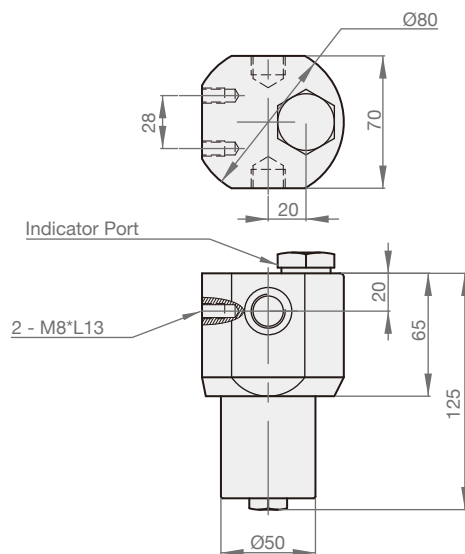
1	Model Name	HHP	
2	Thread Connection	03	BSP, NPT, SAE 3/8"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HHP-03	3/8"	A3	3.5	700	630	2.5
		A6	5			
		A10	7			
		A25	10			
		T40	15			

DIMENSION

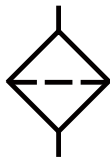
(UNIT : mm)



HHPG-03



SYMBOLS



ORDER CODES

HHP	G	- 03	- A25	- D1	- N
1	2	3	4	5	6

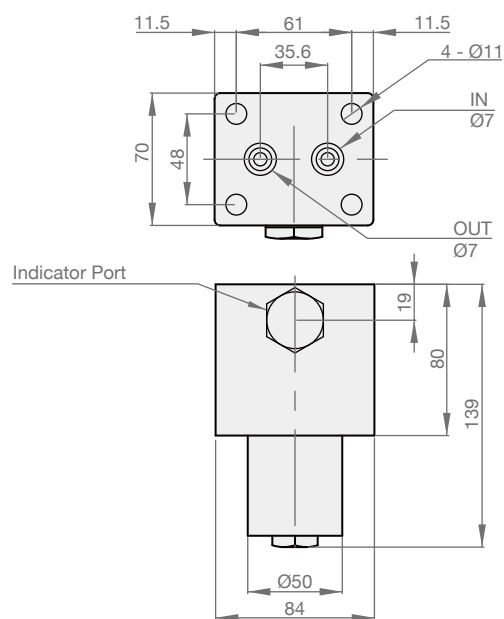
1	Model Name	HHP	
2	Mounting	G	sub-plate mounted
3	Thread Connection	03	BSP, NPT, SAE 3/8"
4	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
5	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
6	Seals	N	NBR
		V	viton

MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HHPG-03	3/8"	A3	3.5	700	630	3.5
		A6	5			
		A10	7			
		A25	10			
		T40	15			

DIMENSION

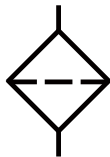
(UNIT : mm)



HP-06



SYMBOLS



ORDER CODES

HP-06 - 2 - A3 - D1 - N

1 2 3 4 5

1	Model Name	HP-06	
2	Housing Length & Thread Connection	1	175mm BSP, NPT, SAE 3/4"
		2	198mm BSP, NPT, SAE 3/4"
		3	298mm BSP, NPT, SAE 3/4"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

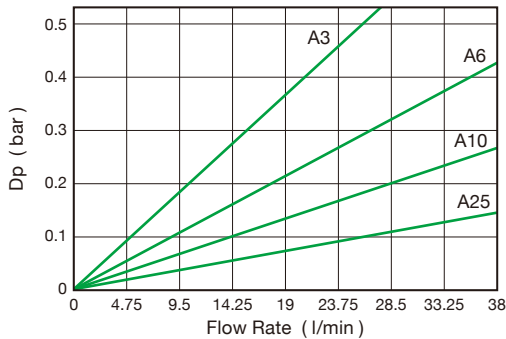
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HP-06-1	3/4"	A3	15	350	280	3.6
		A6	20			
		A10	35			
		A25	50			
		T40	75			
HP-06-2	3/4"	A3	20	350	280	3.9
		A6	35			
		A10	50			
		A25	70			
		T40	90			
HP-06-3	3/4"	A3	35	350	280	5
		A6	60			
		A10	70			
		A25	90			
		T40	120			

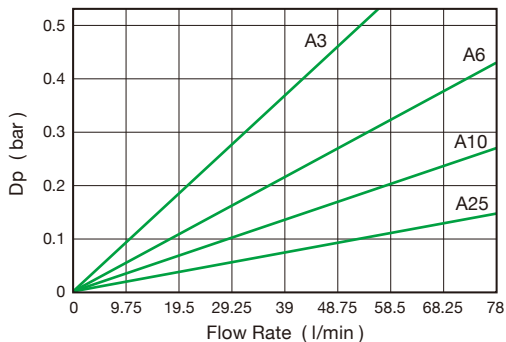
* The pressure indicator and the element are not included in weight.

CURVE

► HP-06-1 Duaglass Dp v.s. Flow Rate



► HP-06-3 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

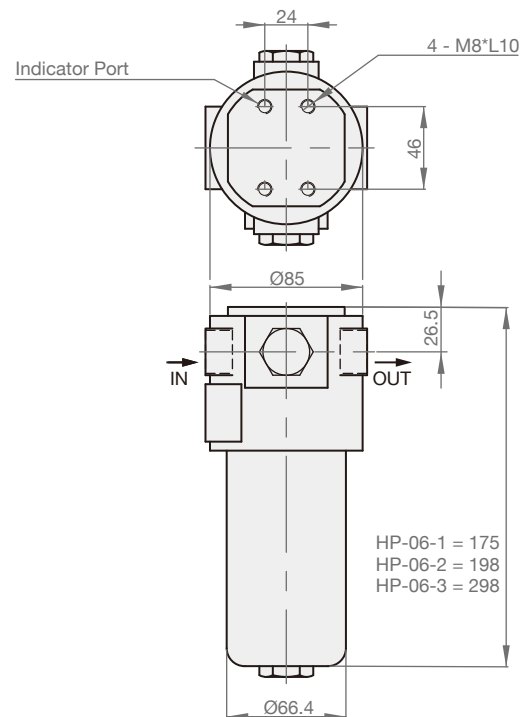
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

Dp element = Dp curve * Viscosity/150 * SG/0.86

DIMENSION

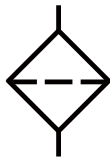
(UNIT : mm)



HP-08



SYMBOLS



ORDER CODES

HP-08 - **1** - **A6** - **D2** - **N**

1 2 3 4 5

1	Model Name	HP-08	
2	Housing Length & Thread Connection	1	225mm BSP, NPT, SAE 1"
		2	335mm BSP, NPT, SAE 1"
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

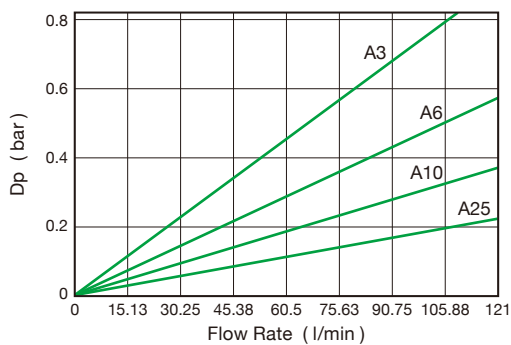
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HP-08-1	1"	A3	35	350	280	6.8
		A6	60			
		A10	70			
		A25	90			
		T40	120			
HP-08-2	1"	A3	70	350	280	8.3
		A6	90			
		A10	120			
		A25	150			
		T40	200			

* The pressure indicator and the element are not included in weight.

CURVE

► HP-08 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

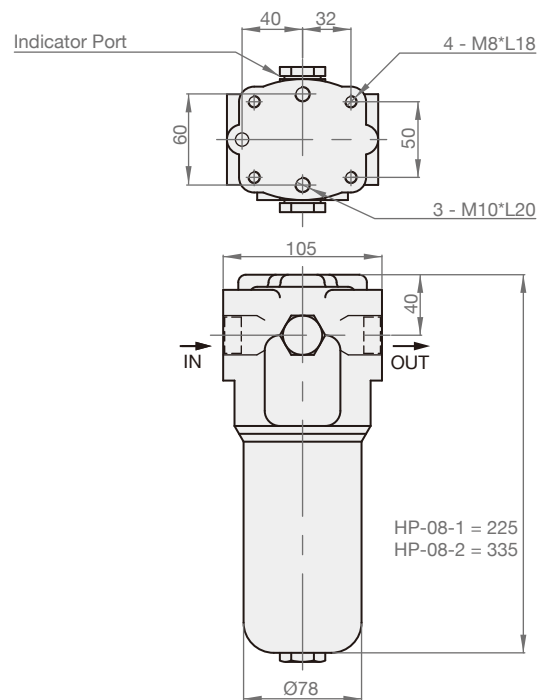
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

$Dp_{element} = Dp_{curve} \times \text{Viscosity}/150 \times SG/0.86$

DIMENSION

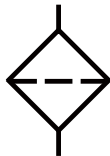
(UNIT : mm)



HP-10



SYMBOLS



ORDER CODES

HP-10 - **4** - **A25** - **N** - **N**

1 2 3 4 5

1 ▶	Model Name		HP-10
	2 ▶	Housing Length & Thread Connection	
		1	282mm BSP, NPT, SAE 1"
		2	373mm BSP, NPT, SAE 1 1/4"
		3	492mm BSP, NPT, SAE 1 1/2"
3 ▶	2 ▶	4	592mm BSP, NPT, SAE 2"
3 ▶	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4 ▶	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5 ▶	Seals	N	NBR
		V	viton

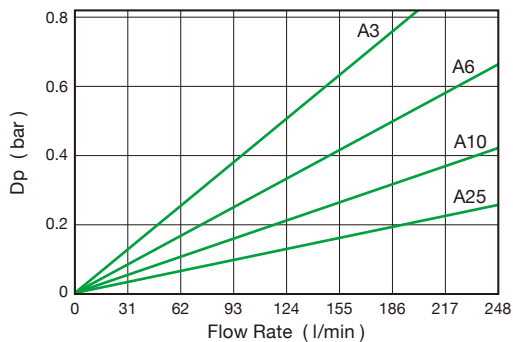
MODEL SPEC.

Model	Thread Connection (BSP, NPT, SAE)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HP-10-1	1"	A3	70	350	280	15.5
		A6	90			
		A10	120			
		A25	150			
		T40	200			
HP-10-2	1 1/4"	A3	140	350	280	21.2
		A6	240			
		A10	290			
		A25	360			
		T40	400			
HP-10-3	1 1/2"	A3	200	350	280	25.5
		A6	300			
		A10	360			
		A25	450			
		T40	500			
HP-10-4	2"	A3	250	350	280	29.5
		A6	360			
		A10	450			
		A25	500			
		T40	600			

* The pressure indicator and the element are not included in weight.

CURVE

► HP-10 Duaglass Dp v.s. Flow Rate



* Pressure Drop Calculation

Pressure drop curves based on oil viscosity of 150 SSU, and specific gravity = 0.9.

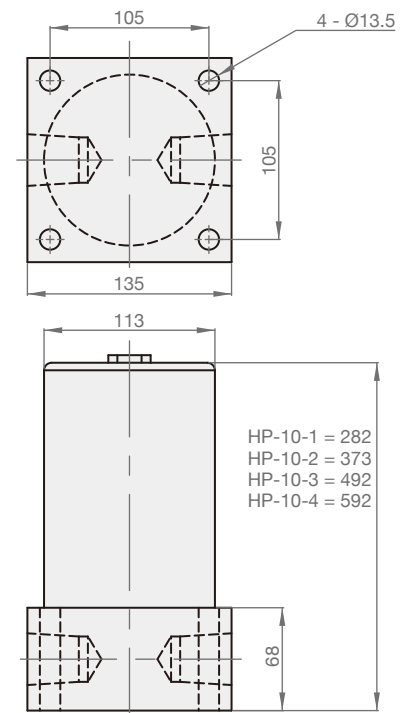
Dp across element is proportionally related to viscosity and specific gravity.

For new Dp use the following conversion formula :

$Dp_{element} = Dp_{curve} \times \text{Viscosity}/150 \times SG/0.86$

DIMENSION

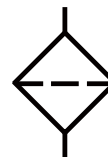
(UNIT : mm)



HPH-06



SYMBOLS



ORDER CODES

HPH	-	06	-	2	-	A3	-	S1
1		2		3		4		5

1	Model Name	HPH	
2	Thread Connection	06	PT 3/4"
3	Housing Length (mm)	2	192
		3	295
4	Type of Filter Element	A3, A5, A10, A25, M10, M25, etc.	
5	Type of Pressure Indicator	S1	visual
		S2	visual-electrical

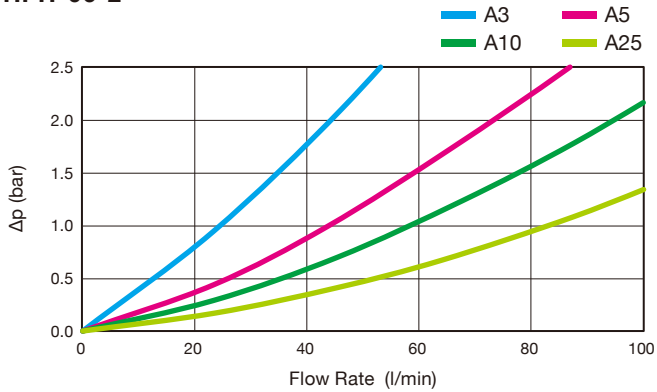
MODEL SPEC.

Model	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPH-06-2	A3	28	350	250	3.84
	A5	42			
	A10	50			
	A25	78			
	M10	72			
	M25	100			
HPH-06-3	A3	49			5.02
	A5	58			
	A10	80			
	A25	91			
	M10	83			
	M25	105			

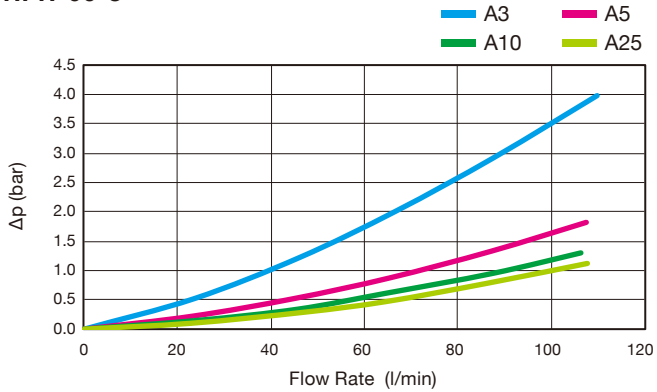
The following filter sizing recommendations are based using a mineral oil fluid at 32 mm²/s (cSt) with a maximum total filter pressure drop of 1.5 bar.

HOUSING PRESSURE DROP CURVE

► HPH-06-2



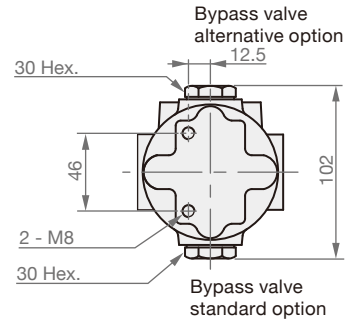
► HPH-06-3



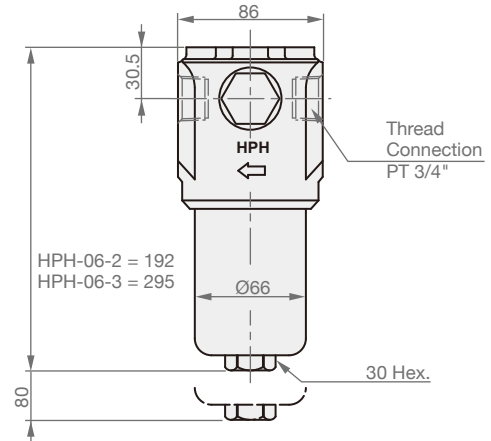
On the condition of oil viscosity at 32 mm²/s
 Δp varies proportional with density.

DIMENSION

(UNIT : mm)



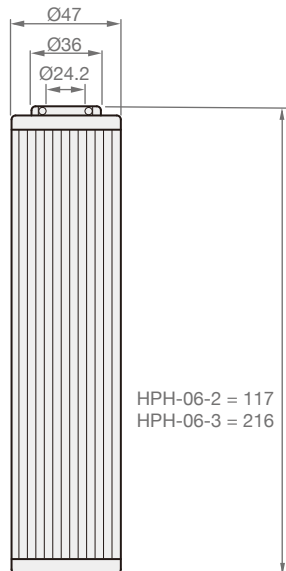
Indicator and bypass valve positions can be inverted.



* Please spare the distance in order to renew the internal element.

ELEMENTS

(UNIT : mm)



► Order Codes

SE - **HPH-06-2** - **A3**

1

2

3

1	Elements Model Name	SE
2	Filter Model Name	HPH-06-2, HPH-06-3
3	Type of Filter Element	A3, A5, A10, A25, M10, M25, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

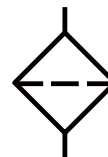
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

HPH-08



SYMBOLS



ORDER CODES

HPH - 08 - 2 - A3 - S1

1 2 3 4 5

1	Model Name	HPH	
2	Thread Connection	08	PT 1"
3	Housing Length (mm)	2	329
4	Type of Filter Element	A3, A5, A10, A25, M10, M25, etc.	
5	Type of Pressure Indicator	S1	visual
		S2	visual-electrical

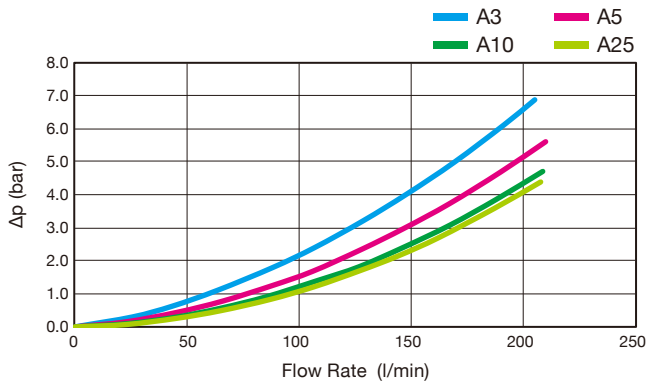
MODEL SPEC.

Model	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPH-08-2	A3	110	350	250	7.78
	A5	115			
	A10	145			
	A25	205			
	M10	172			
	M25	225			

The following filter sizing recommendations are based using a mineral oil fluid at 32 mm²/s (cSt) with a maximum total filter pressure drop of 1.5 bar.

HOUSING PRESSURE DROP CURVE

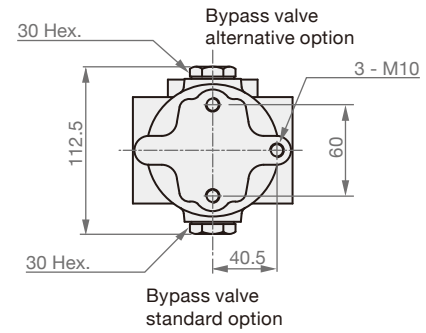
► HPH-08-2



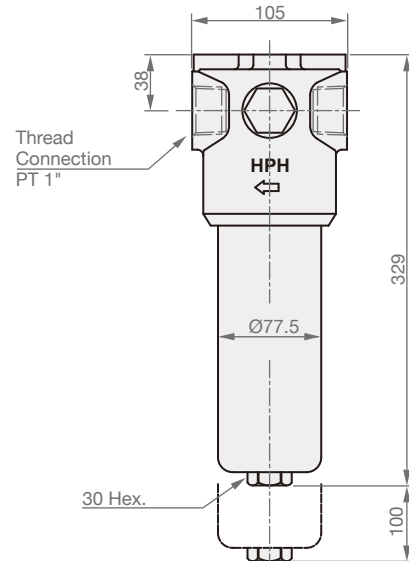
On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.

DIMENSION

(UNIT : mm)



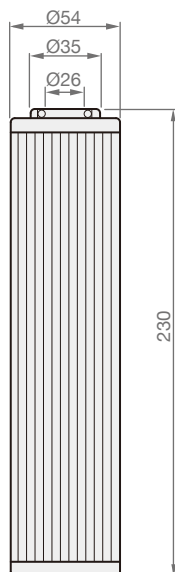
Indicator and bypass valve positions can be inverted.



* Please spare the distance in order to renew the internal element.

ELEMENTS

(UNIT : mm)



► Order Codes

SE - **HPH-08-2** - **A3**

1 2 3

1	Elements Model Name	SE
2	Filter Model Name	HPH-08-2
3	Type of Filter Element	A3, A5, A10, A25, M10, M25, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

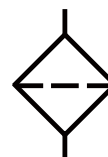
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

HPH-10, 12



SYMBOLS



ORDER CODES

HPH - 10 B - 2 - A10 - S1

1 2 3 4 5 6

1	Model Name	HPH	
2	Thread Connection	10	PT 1 1/4"
		12	PT 1 1/2"
3	Mounting Type	B	solder
		C	thread
4	Housing Length (mm)	2	374
5	Type of Filter Element	A3, A5, A10, A25, etc.	
6	Type of Pressure Indicator	S1	visual
		S2	visual-electrical

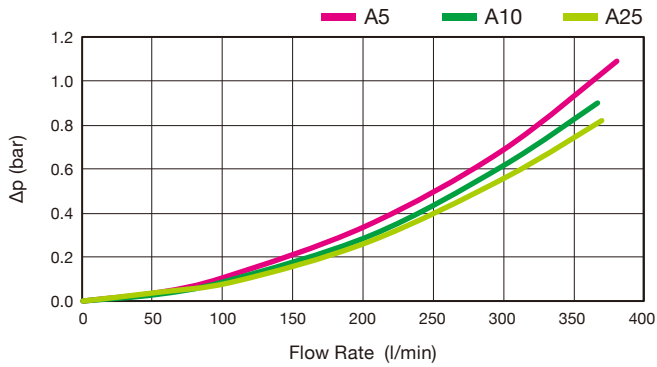
MODEL SPEC.

Model	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPH-10-2	A3	192	350	250	15.04
	A5	220			
	A10	300			
	A25	378			

The following filter sizing recommendations are based using a mineral oil fluid at 32 mm²/s (cSt) with a maximum total filter pressure drop of 1.5 bar.

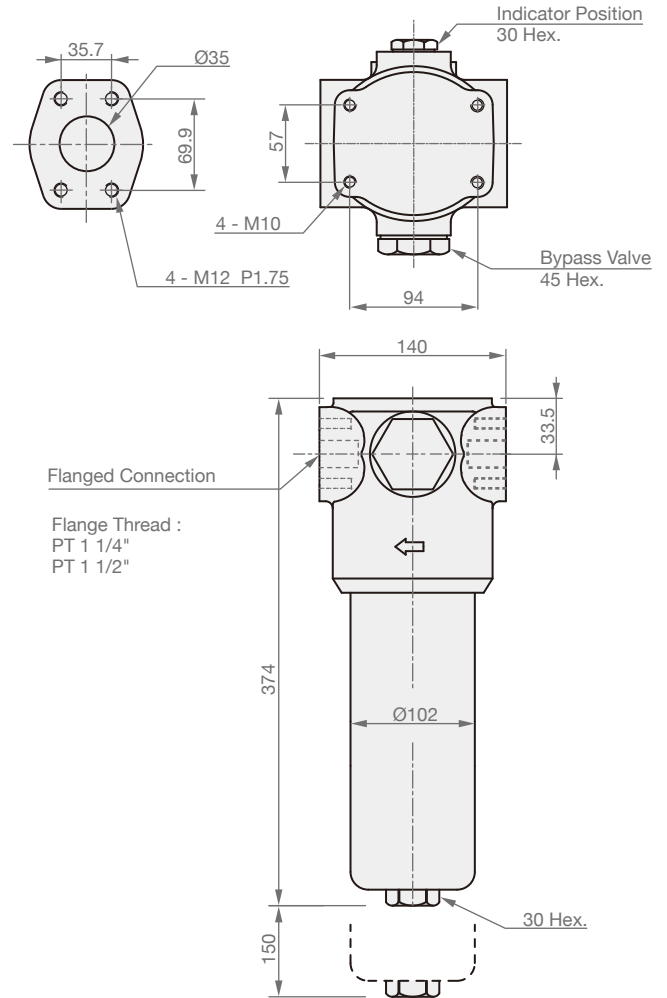
HOUSING PRESSURE DROP CURVE

► HPH-10



DIMENSION

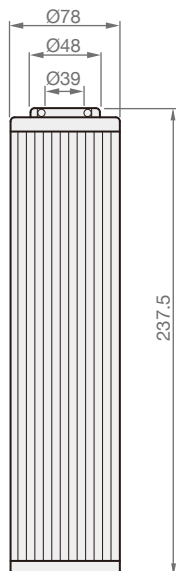
(UNIT : mm)



* Please spare the distance in order to renew the internal element.

ELEMENTS

(UNIT : mm)



► Order Codes

SE - **HPH-10B-2** - **A10**

1 2 3

1	Elements Model Name	SE
2	Filter Model Name	HPH-10B-2, HPH-10C-2
3	Type of Filter Element	A3, A5, A10, A25, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

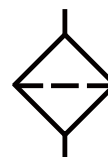
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

ILF



SYMBOLS



ORDER CODES

ILF - **04** - **700M** - **P**

1 2 3 4

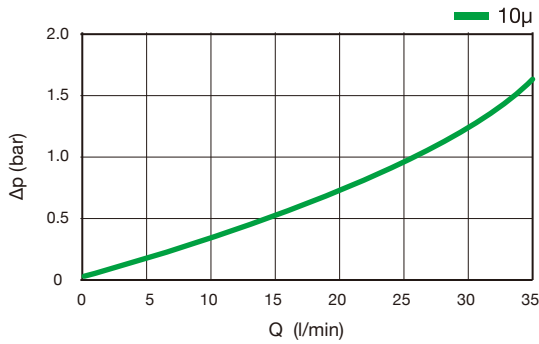
1	Model Name	ILF	
2	Thread Connection	02	1/4"
		03	3/8"
		04	1/2"
3	Type of Filter Element	A3, A5, A10, A25, 400M, 700M	
4	Thread	P	PT
		B	BSPP
		N	NPT
		S	SAE

MODEL SPEC.

Model	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
ILF	35	420	350	1.16

* The element are not included in weight.

HOUSING PRESSURE DROP CURVE

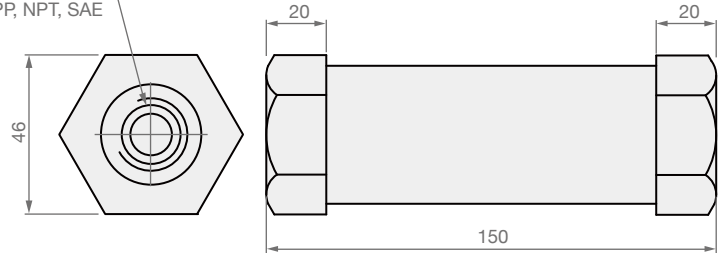


On the condition of oil viscosity at 32 mm²/s
 Δp varies proportional with density.

DIMENSION

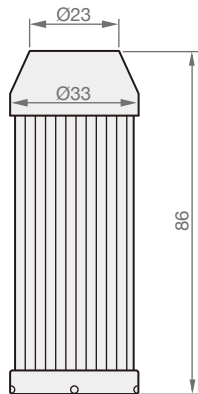
(UNIT : mm)

Thread Connection
 PT, BSPP, NPT, SAE



ELEMENTS

(UNIT : mm)



► Order Codes

SE - ILF - 700M

1 2 3

1	► Elements Model Name	SE
2	► Filter Model Name	ILF
3	► Type of Filter Element	A3, A5, A10, A25, 400M, 700M

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

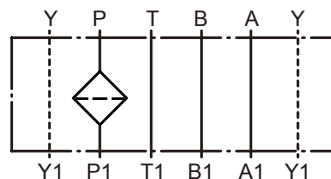
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

HPM-02



SYMBOLS



ORDER CODES

HPM - 02 - A10 - D2 - N

1 2 3 4 5

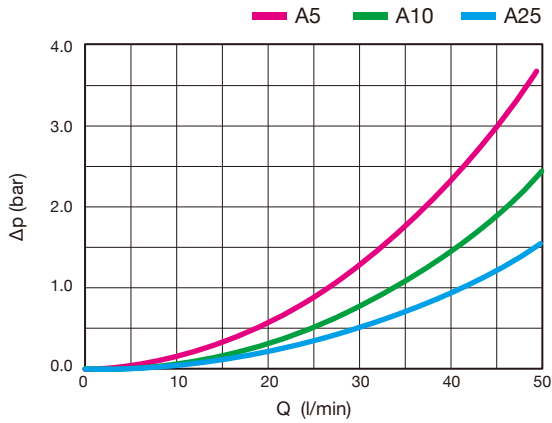
1	Model Name	HPM	
2	Thread Connection	02	ISO 4401-03, cetop-03
3	Filtration	A3	fiber 3um, B $\geq$ 1000
		A6	fiber 6um, B $\geq$ 1000
		A10	fiber 10um, B $\geq$ 1000
		A25	fiber 25um, B $\geq$ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

MODEL SPEC.

Model	Thread Connection	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPM-02	ISO 4401-03 cetop-03	A3	3.5	350	280	2.6
		A6	5			
		A10	7			
		A25	10			
		T40	15			

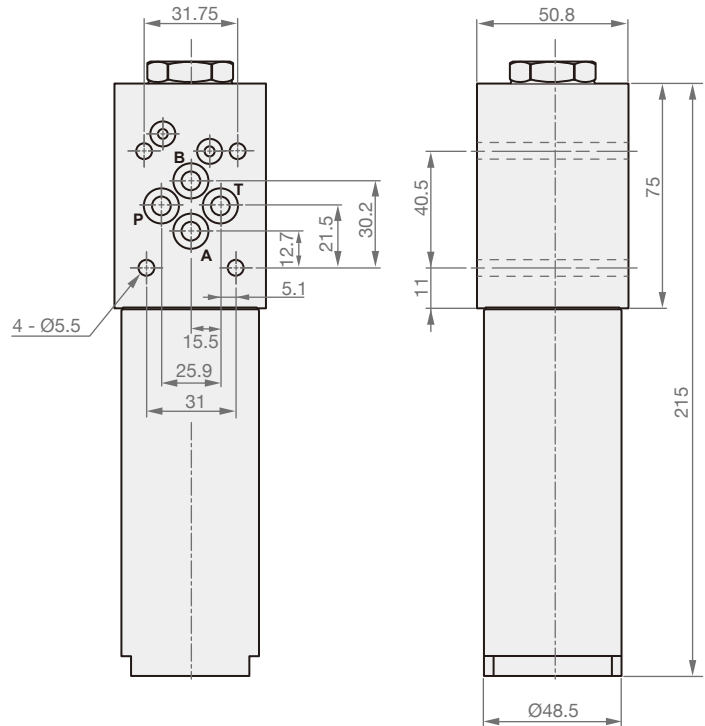
* The pressure indicator and the element are not included in weight.

HOUSING PRESSURE DROP CURVE



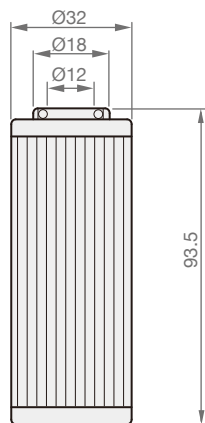
DIMENSION

(UNIT : mm)



ELEMENTS

(UNIT : mm)



► Order Codes

SE - **HPM-02** - **A10**

1 2 3

1	► Elements Model Name	SE
2	► Filter Model Name	HPM-02
3	► Type of Filter Element	A3, A6, A10, A25, T40

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

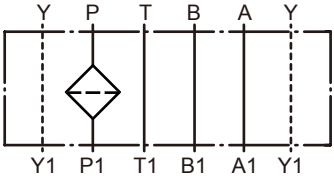
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

HPM-03



SYMBOLS



ORDER CODES

HPM - 03 - A3 - D1 - N

1 2 3 4 5

1	Model Name	HPM	
2	Thread Connection	03	ISO 4401-05, cetop-05
3	Filtration	A3	fiber 3um, B $\geq$ 1000
		A6	fiber 6um, B $\geq$ 1000
		A10	fiber 10um, B $\geq$ 1000
		A25	fiber 25um, B $\geq$ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

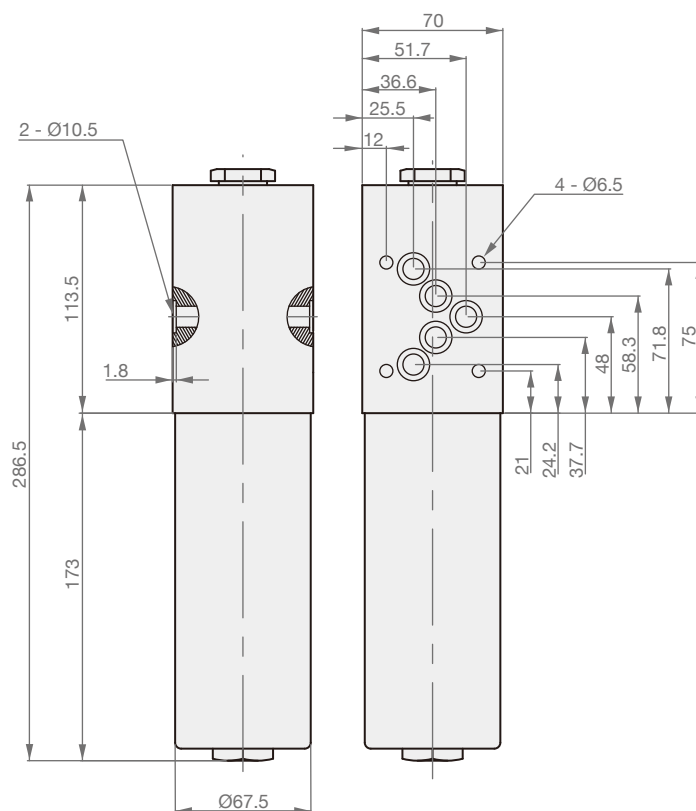
MODEL SPEC.

Model	Thread Connection	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPM-03	ISO 4401-05 cetop-05	A3	20	350	280	6.5
		A6	35			
		A10	50			
		A25	70			
		T40	90			

* The pressure indicator and the element are not included in weight.

DIMENSION

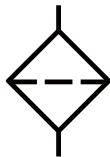
(UNIT : mm)



HPG-06



SYMBOLS



ORDER CODES

HPG-06 - 2 - A6 - D1 - N

1 2 3 4 5

1	Model Name	HPG-06	
2	Housing Length (mm)	1	188mm
		2	211mm
		3	311mm
3	Type of Filter Element	A3	fiber 3um, B ≥ 1000
		A6	fiber 6um, B ≥ 1000
		A10	fiber 10um, B ≥ 1000
		A25	fiber 25um, B ≥ 1000
		T40	wire mesh 40um
4	Type of Pressure Indicator	N	with plug
		D1	visual
		D2	visual-electrical
5	Seals	N	NBR
		V	viton

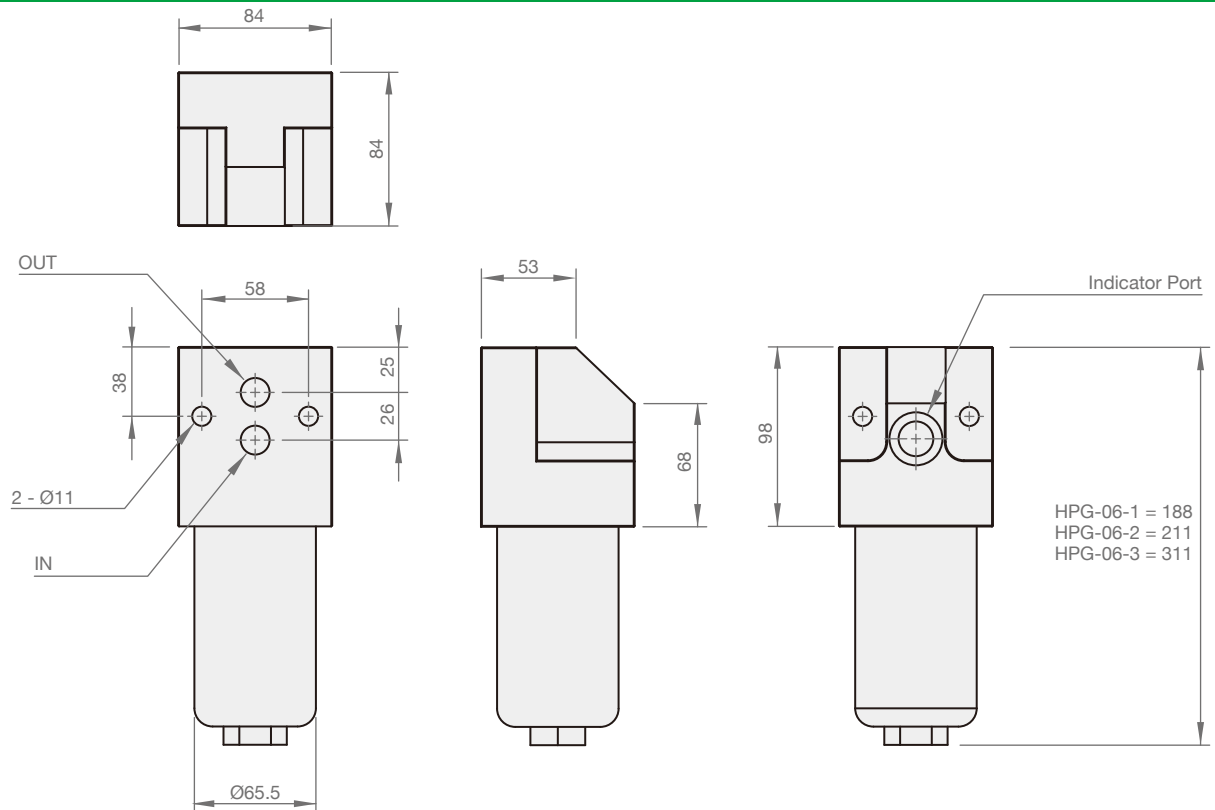
MODEL SPEC.

Model	Length (mm)	Type of Filter Element	Flow Rate (l/min)	Max. Pressure (bar)	Operating Pressure (bar)	Weight (kg)
HPG-06-1	188	A3	15	350	280	4.5
		A6	20			
		A10	35			
		A25	50			
		T40	75			
HPG-06-2	211	A3	20	350	280	4.9
		A6	35			
		A10	50			
		A25	70			
		T40	90			
HPG-06-3	311	A3	35	350	280	5.9
		A6	60			
		A10	70			
		A25	90			
		T40	120			

* The pressure indicator and the element are not included in weight.

DIMENSION

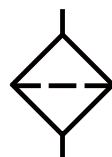
(UNIT : mm)



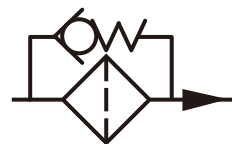
MPH-04



SYMBOLS



no bypass



bypass

ORDER CODES

MPH - 04 - NP - A10

1

2

3

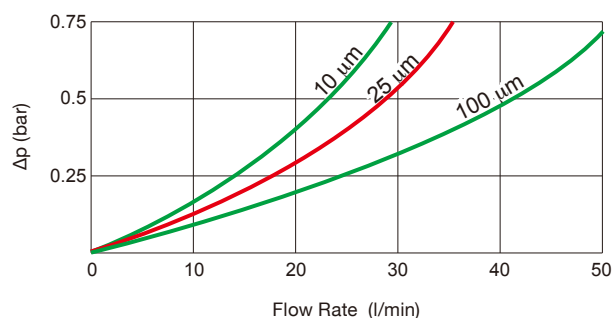
4

1	Model Name	MPH	
2	Thread Connection	04	BSP 1/2"
3	Oil Path	NP	no bypass
		P	bypass
4	Type of Filter Element	A10, A25, A40, 300M, etc.	

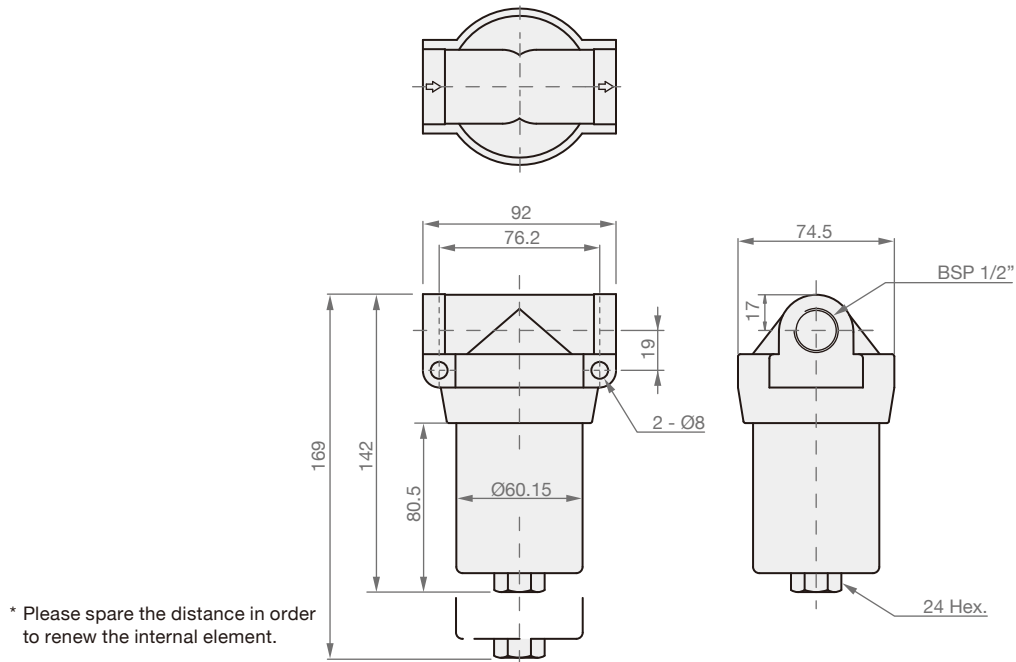
MODEL SPEC.

Model	Thread Connection (BSP)	Max. Operating Pressure (bar)	Weight (kg)
MPH-04	1/2"	70	0.74

HOUSING PRESSURE DROP CURVE

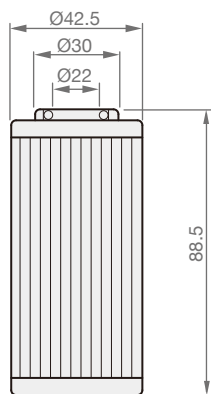


On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.



ELEMENTS

(UNIT : mm)



► Order Codes

SE - **MPH-04** - **A10**

1

2

3

1	► Elements Model Name	SE
2	► Filter Model Name	MPH-04
3	► Type of Filter Element	A10, A25, A40, 300M, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

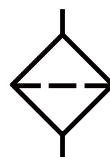
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

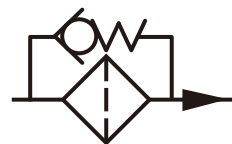
MPH-08



SYMBOLS



no bypass



bypass

ORDER CODES

MPH - **08** - **NP** - **150M** - **S1**

1 2 3 4 5

1	Model Name	MPH	
2	Thread Connection	08	PT 1"
3	Oil Path	NP	no bypass
		P	bypass
4	Type of Filter Element	100M, 150M, 200M, 250M, etc	
5	Type of Pressure Indicator	S1	visual
		S2	visual-electrical
		G	gauge

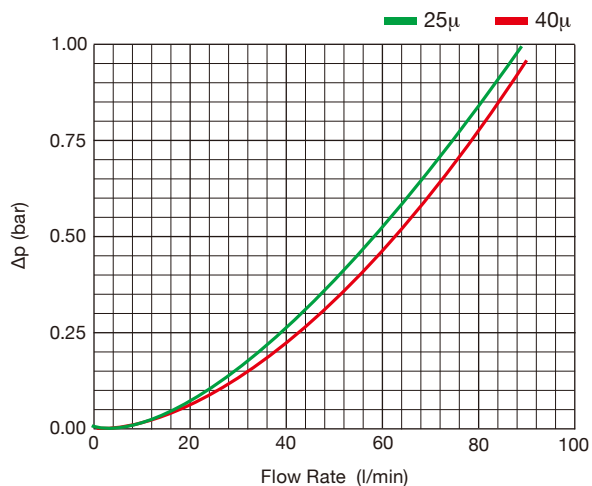
MODEL SPEC.

Model	Thread Connection (PT)	Operating Pressure (bar)	Max. Operating Pressure (bar)	Weight (kg)
MPH-08	1"	70	105	2.16

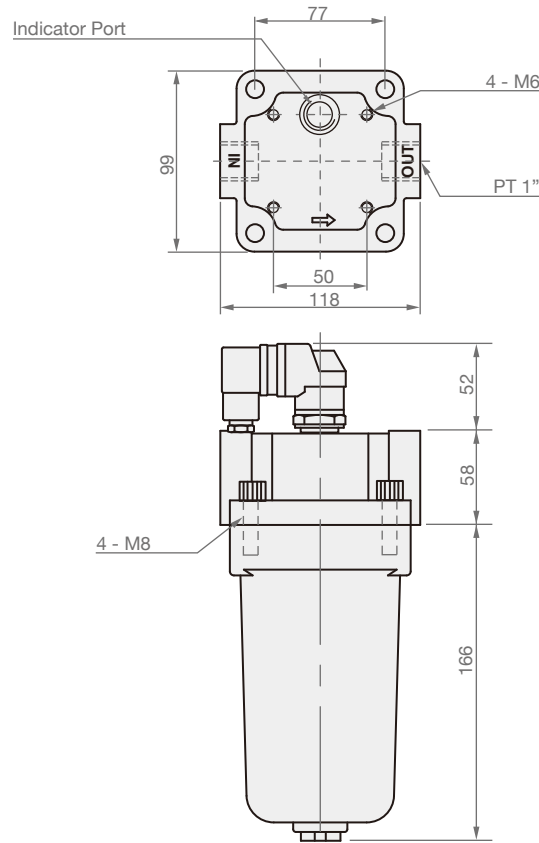
* Pressure indicator is an optional accessory.

* The pressure indicator and the element are not included in weight.

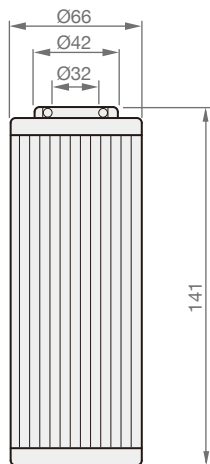
HOUSING PRESSURE DROP CURVE



On the condition of oil viscosity at 32 mm²/s
 Δp varies proportional with density.



ELEMENTS



► Order Codes

SE - MPH-08 - 150M

1

2

3

1	► Elements Model Name	SE
2	► Filter Model Name	MPH-08
3	► Type of Filter Element	100M, 150M, 200M, 250M, etc.

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

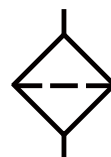
► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

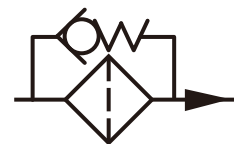
MPH-10, 12



SYMBOLS



no bypass



bypass

ORDER CODES

MPH - **10** - **NP** - **A40** - **G**

1 2 3 4 5

1	Model Name	MPH	
2	Thread Connection	10	PT 1 1/4"
		12	PT 1 1/2"
3	Oil Path	NP	no bypass
		P	bypass
4	Type of Filter Element	150M, 200M, 250M, A25, A40, A50, etc.	
5	Type of Pressure Indicator	S1	visual
		S2	visual-electrical
		G	gauge

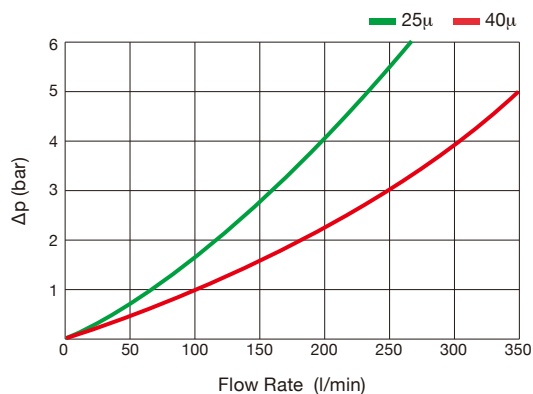
MODEL SPEC.

Model	Thread Connection (PT)	Operating Pressure (bar)	Max. Operating Pressure (bar)	Weight (kg)
MPH-10	1 1/4"	70	105	4.5
MPH-12	1 1/2"	70	105	4.5

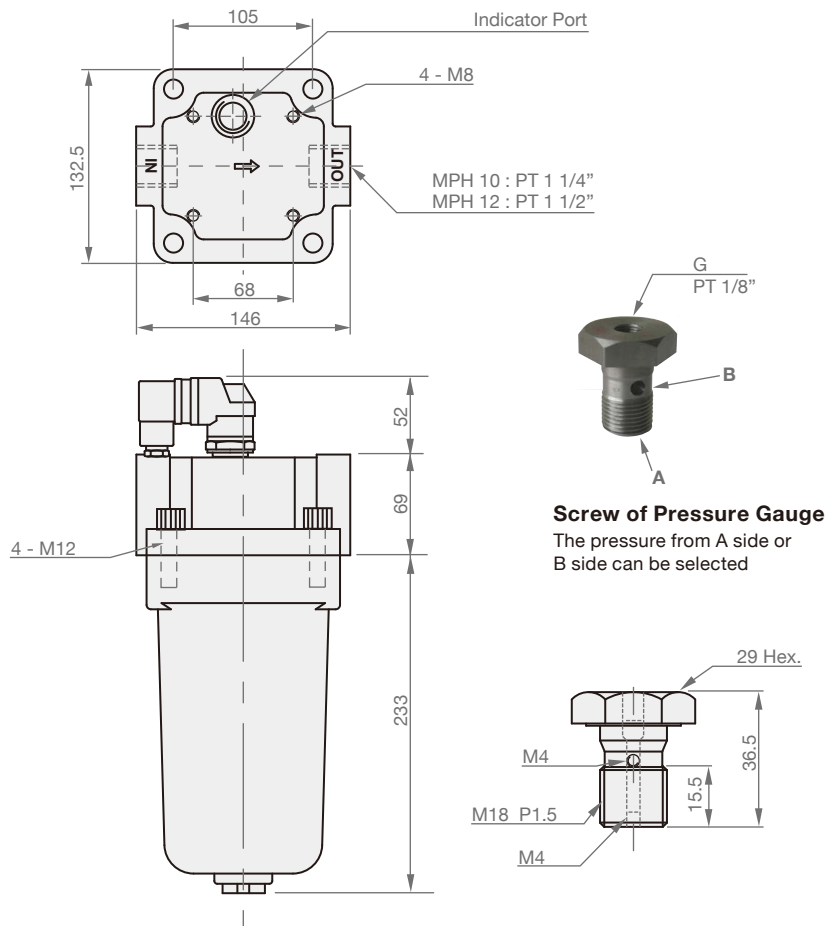
* Pressure indicator is an optional accessory.

* The pressure indicator and the element are not included in weight.

HOUSING PRESSURE DROP CURVE

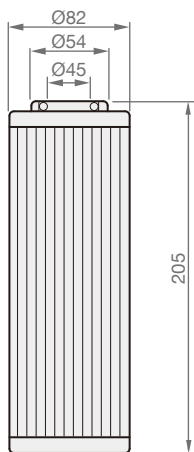


On the condition of oil viscosity at 32 mm²/s
Δp varies proportional with density.



ELEMENTS

(UNIT : mm)



► Order Codes

SE - **MPH-10** - **A40**

1 2 3

1	► Elements Model Name	SE
2	► Filter Model Name	MPH-10, MPH-12
3	► Type of Filter Element	150M, 200M, 250M, A25, A40, A50, etc.

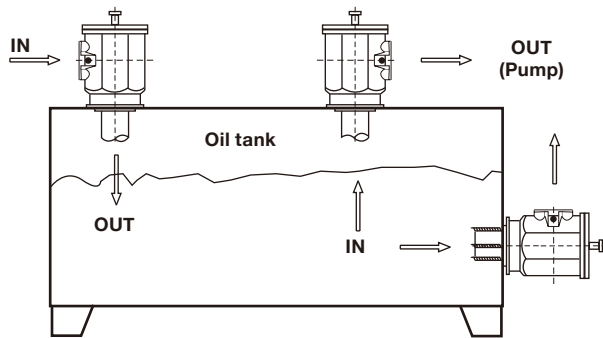
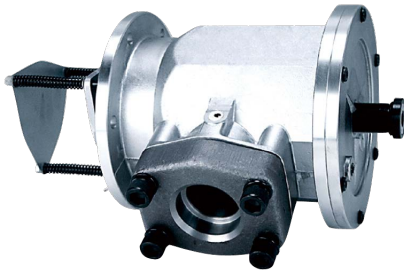
► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.

► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

FSS (Suction and Return Line Filter)



SYMBOLS



ORDER CODES

FSS - **24** - **16B** - **S** **100M** - **C** - **FL**

1 2 3 4 5 6 7

1 ▶	Model Name	FSS	
2 ▶	Main Port Size	16	2"
		24	3"
		32	4"
3 ▶	Flange	A	thread connectional type
		B	welding type *
4 ▶	Filtering Direction	S	suction net
		R	return net
5 ▶	Precision Filtration	100M, 120M, 150M, etc.	
6 ▶	Connection Accessory	none	with triangle rack
		A	thread connectional type
		B	welding type *
		C	without triangle rack
		F	flange
7 ▶	Optional Accessories	FL	flange as the list below
		G	pressure gauge (for return)
		GV	vacuum gauge (for suction)
		S	pressure switch (for return)
		SV	vacuum switch (for suction)

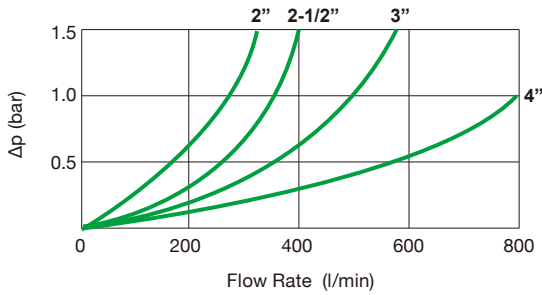
* welding type : 10:1-1/4", 12:1-1/2", 16:2", 20:2-1/2",
24:3", 28:3-1/2", 32:4"

MODEL SPEC.

Model	Flange	Flow (l/min)	Weight (kg)
FSS-16	1 1/4"	250	7.56
	1 1/2"	300	
	2"	320	
FSS-24	2"	400	11.7
	2 1/2"	550	
	3"	700	

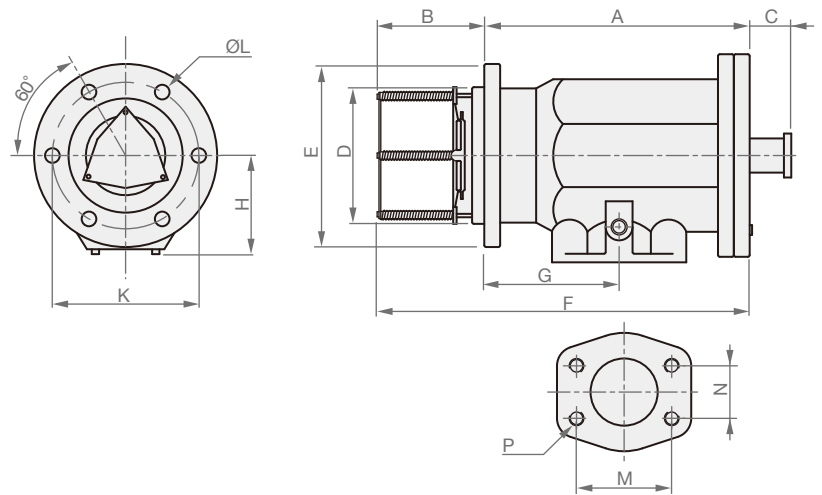
Model	Flange	Flow (l/min)	Weight (kg)
FSS-32	3"	750	15.4
	3 1/2"	760	
	4"	820	

HOUSING PRESSURE DROP CURVE



DIMENSION

(UNIT : mm)

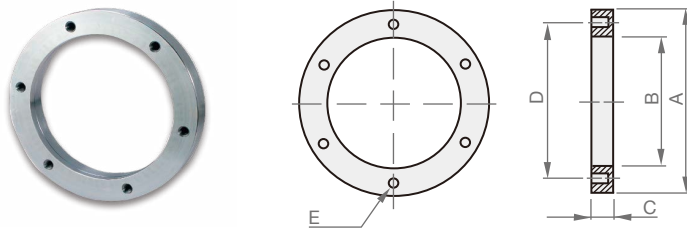


Model	A	B	C	D	E	F	G	H	K	L	M	N	P
FSS-16	216	120	40	112	150	336	110	87	130	9	77.8	42.9	M12 P1.75
FSS-24	235	120	40	150	220	355	120	112	180	13	106.4	61.9	M16 P2.0
FSS-32	262	120	40	180	240	382	120	125	210	15	130.2	77.8	M16 P2.0

ACCESSORIES

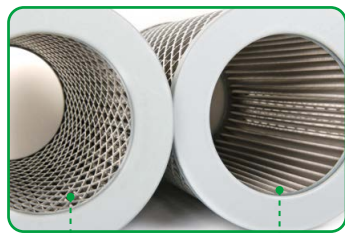
(UNIT : mm)

► Flange



Model	A	B	C	D	E	Weight (kg)
FL-16	150	112	28	130	M8 P1.25	1.66
FL-24	220	150	28	180	M12 P1.75	3.62
FL-32	240	180	30	210	M12 P1.75	4.26

► Elements of FFS Suction & Return Line Filter



return net

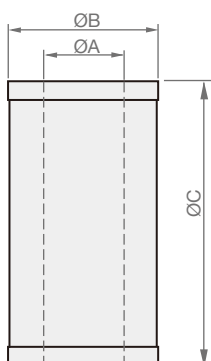
suction net

► Order Codes

SE - **FSS-32** **R** - **100M**

1 2 2 4

1	► Elements Model Name	SE
2	► Filter Model Name	FSS-16, 24, 32
3	► Filtering Direction	S suction net R return net
4	► Type of Filter Element	100M, 120M, 150M, etc.

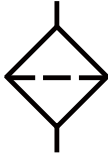


Model	Filtration Area (cm ²)	Element Size			Weight (kg)
		A	B	C	
SE-FSS-16S	2300	64	90	199	0.36
SE-FSS-16R	2900	64	90	199	0.46
SE-FSS-24S	3500	84	125	221	0.64
SE-FSS-24R	4100	84	125	221	0.70
SE-FSS-32S	4300	99	140	243	0.76
SE-FSS-32R	5000	99	140	243	0.86

KSS



SYMBOLS



ORDER CODES

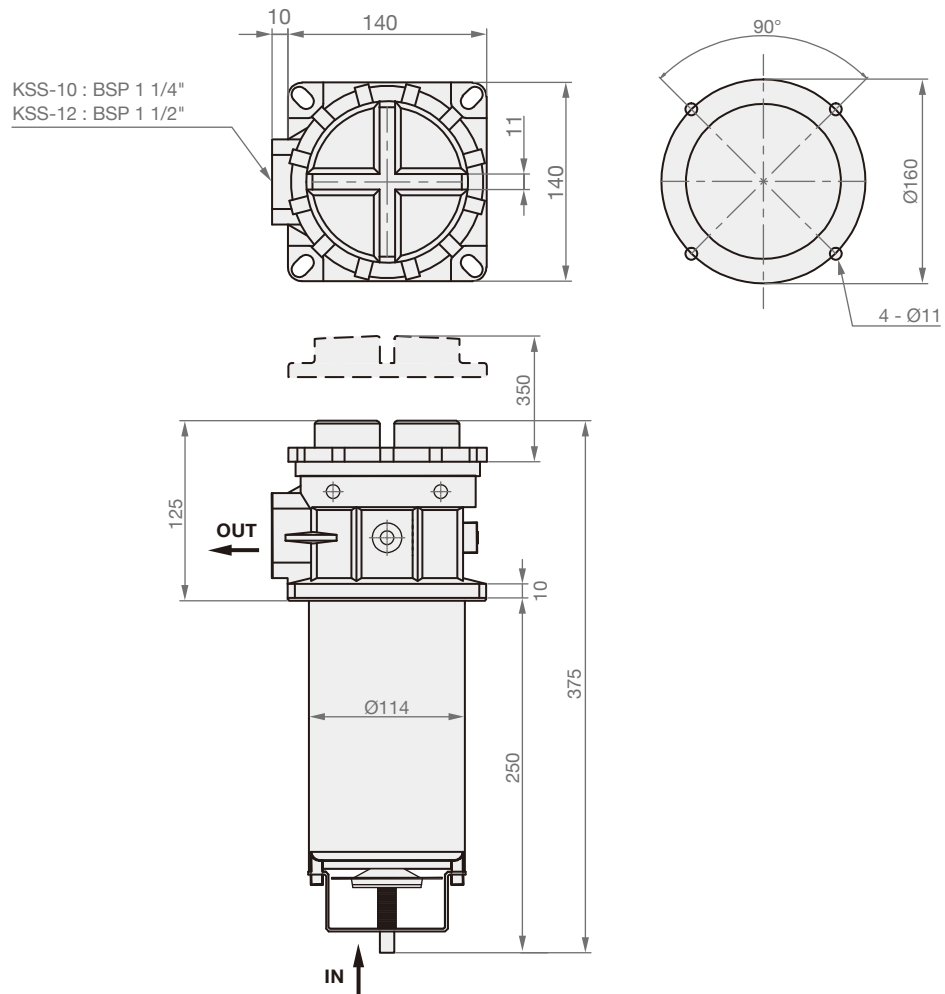
KSS - **10** - **M200**

1 2 3

1	Model Name	KSS	
2	Thread Connection	10	BSP 1 1/4"
		12	BSP 1 1/2"
3	Type of Filter Element	wire mesh : M100, M120, M150, M200, M250, M300, M400, M600, M800	
		paper micron : P10	

MODEL SPEC.

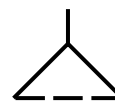
Model	Thread Connection (BSP)	Flow (l/min)	Weight (kg)
KSS-10	1 1/4"	160	2.8
KSS-12	1 1/2"	180	2.6



Elements of Filter



SYMBOLS



FEATURES

► Material of Filtering Element

1. M represents metal material, a indicates glass fiber.
 2. Regular order of metal element : 100M, 200M, 300M, 400M, 700M, etc.
 3. Regular order of glass fiber element : A3, A5, A10, A25, A40, etc.
- ex : If you want to purchase a 400 Mesh metal element, please select 400M. If you need a 10 μ glass fiber element, please choose A10.

► Mesh to Micron Conversion Chart

Mesh	μm	Mesh	μm
20	850	200	75
40	425	250	63
60	250	300	50
100	150	400	40
120	125	700	25
150	106	1450	10

► What does mesh size mean?

Figuring out what mesh sizes are simple. All you need to do is counting the number of openings in one inch of screen. The number of openings is the mesh size. So a 4 mesh screen means there are four little squares in one inch square of the screen. A 100 mesh screen has 100 openings, and so on. As the number of mesh size increases, the size of the particles decreases. Mesh size is not a precise measurement of particle size.

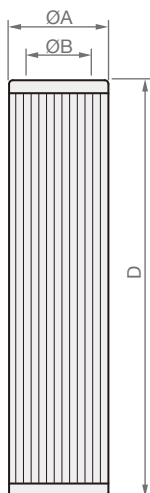
In addition, the finer the weave, the closer the wires getting together. Eventually there is no space between the wires at all.

► What is a micron?

A micron is another measurement of particle size. A micron is one-millionth of a meter or one twenty-five thousandth of an inch.

DIMENSION

(UNIT : mm)

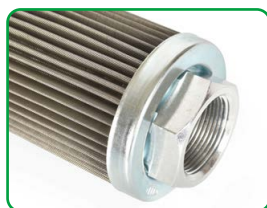


Model	A	B	D
DMPH, SMPH-※-1	85	47.5	142
DMPH, SMPH-※-2	85	47.5	205
DMPH, SMPH-※-3	85	47.5	257

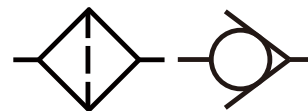


Model	A	B	C	D
FPA, FPF	66	42	32	141
FPAL, FPFL	66	42	32	198
HPH-06-2	47	36	24.2	117
HPH-06-3	47	36	24.2	216
HPH-08-2	54	35	26	230
HPH-10/12-2	78	48	39	237.5
MPH-04	42.5	30	22	88.5
MPH-08	66	42	32	141
MPH-10/12	82	54	45	205

MF5 (Suction Filter with Bypass)



SYMBOLS



ORDER CODES

MF5 - 10

1

2

1	Model Name	MF5
2	Thread Connection	04, 06, 08, 10, 12, 16, 20, 24

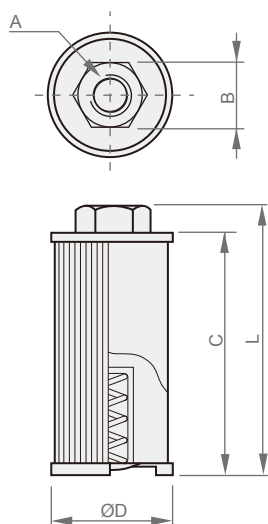
MODEL SPEC.

Model	Flow Rate (l/min)	Filtration Mesh	Weight (kg)
MF5-04	50	100	0.25
MF5-06	50	100	0.25
MF5-08	100	100	0.35
MF5-10	150	100	0.56

Model	Flow Rate (l/min)	Filtration Mesh	Weight (kg)
MF5-12	280	100	0.80
MF5-16	280	100	0.80
MF5-20	700	100	1.40
MF5-24	750	100	1.50

DIMENSION

(UNIT : mm)

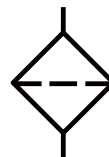


Model	A (PT, NPT)	B (PT, NPT)	C	ØD	L
MF5-04	1/2"	28	68	70	79
MF5-06	3/4"	34	68	70	80
MF5-08	1"	46	122	70	136
MF5-10	1 1/4"	52	160	83	174
MF5-12	1 1/2"	61	232	103	246
MF5-16	2"	72	232	103	250
MF5-20	2 1/2"	87	242	140	256
MF5-24	3"	105	284	140	299

TMT (Tank Mounted Filter)



SYMBOLS

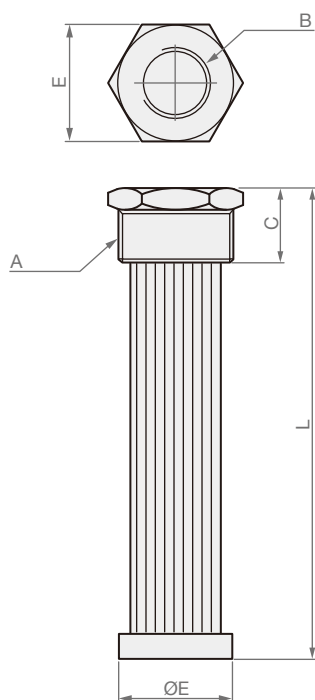


MODEL SPEC.

Model	Flow Rate (l/min)	Filtration Mesh	Weight (kg)
TMT-5	35	100	0.084
TMT-10	46	100	0.15
TMT-15	90	100	0.18
TMT-25	150	100	0.32
TMT-50	320	100	0.72
TMT-100	600	100	

DIMENSION

(UNIT : mm)



Model	A (PT, NPT)	B (PT, NPT)	C	ØD	E	L
TMT-5	1"	1/2"	28	29	37	136
TMT-10	1 1/4"	3/4"	30	34	45	207
TMT-15	1 1/2"	1"	31	42	51	209
TMT-25	2"	1 1/4"	34	53	65	230
TMT-50	3"	2"	43	76	93	246
TMT-100	4"	3"	45	100	117	287

SFN type

SYMBOLS

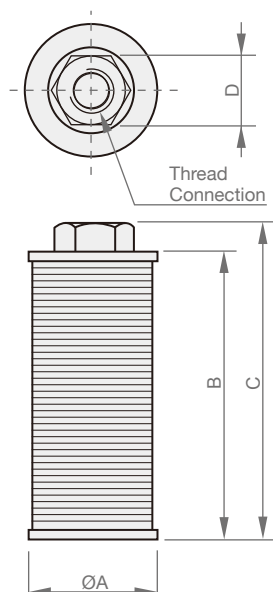


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFN-04	0.5"	38	0.15
SFN-06	0.75"	49	0.20
SFN-08	1"	87	0.35
SFN-10	1.25"	150	0.48
SFN-12	1.5"	208	0.65
SFN-16	2"	320	0.80
SFN-20	2.5"	560	1.42
SFN-24	3"	610	1.71

DIMENSION

(UNIT : mm)



Model	A	B	C	D
SFN-04	60	160	175	27
SFN-06	60	160	175	32
SFN-08	85	190	205	46
SFN-10	105	210	225	55
SFN-12	120	235	250	58
SFN-16	120	315	332	75
SFN-20	145	420	442	90
SFN-24	145	420	442	105

SFW type



SYMBOLS

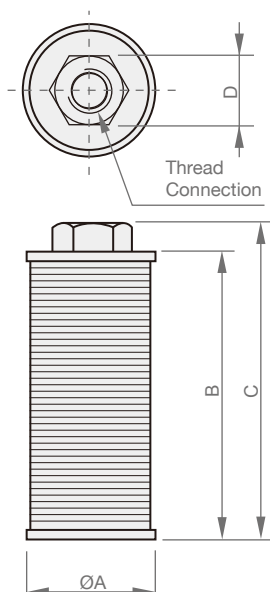


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFW-02	0.25"	13	0.08
SFW-02A	0.25"	15	0.10
SFW-03	0.375"	16	0.08
SFW-03A	0.375"	19	0.10
SFW-04	0.5"	33	0.14
SFW-06	0.75"	52	0.20
SFW-08	1"	110	0.40
SFW-10	1.25"	180	0.56
SFW-12	1.5"	250	0.76
SFW-16	2"	390	0.96
SFW-20	2.5"	720	1.48
SFW-24	3"	820	1.56
SFW-32	4"	1100	3.96

DIMENSION

(UNIT : mm)



Model	A	B	C	D
SFW-02	43	50	63	22
SFW-02A	60	50	64	22
SFW-03	43	50	63	22
SFW-03A	60	50	64	22
SFW-04	60	100	112	27
SFW-06	67	145	161	32
SFW-08	87	190	210	46
SFW-10	107	203	224	55
SFW-12	127	232	253	58
SFW-16	127	307	330	75
SFW-20	160	348	370	90
SFW-24	160	435	460	105
SFW-32	210	443	458	145

SFF type



SYMBOLS

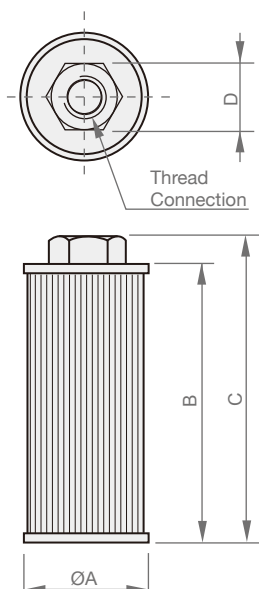


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFF-02	0.25"	12	0.08
SFF-02A	0.25"	15	0.10
SFF-03	0.375"	17	0.08
SFF-03A	0.375"	19	0.10
SFF-04	0.5"	38	0.14
SFF-06	0.75"	65	0.18
SFF-08	1"	110	0.22
SFF-10	1.25"	220	0.30
SFF-12	1.5"	310	0.42
SFF-16	2"	410	0.64
SFF-20	2.5"	760	1.54
SFF-24	3"	880	1.58
SFF-32	4"	1000	3.75

DIMENSION

(UNIT : mm)



Model	A	B	C	D
SFF-02	43	50	60	22
SFF-02A	60	50	60	22
SFF-03	43	50	60	22
SFF-03A	60	50	60	22
SFF-04	60	100	112	27
SFF-06	67	130	145	32
SFF-08	87	145	162	46
SFF-10	107	176	194	55
SFF-12	127	191	209	58
SFF-16	127	203	244	75
SFF-20	160	348	370	90
SFF-24	160	348	370	105
SFF-32	210	350	365	145

SFC type



SYMBOLS

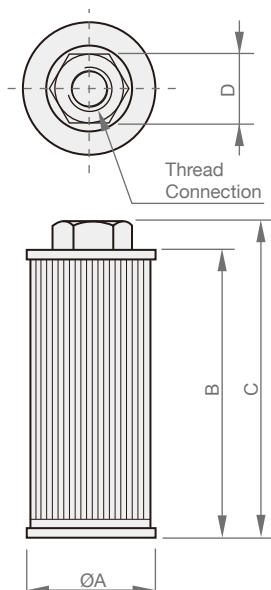


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFC-02	1/4"	25	0.22
SFC-03	3/8"	25	0.22
SFC-04	0.5"	40	0.35
SFC-06	0.75"	62	0.45
SFC-08	1"	125	0.50
SFC-10	1.25"	210	0.85
SFC-12	1.5"	270	1.00
SFC-16	2"	450	1.20
SFC-20	2.5"	720	1.70
SFC-24	3"	820	1.71

DIMENSION

(UNIT : mm)



Model	A	B	C	D
SFC-02	60	80	90	22
SFC-03	60	80	90	22
SFC-04	60	105	115	27
SFC-06	60	165	175	32
SFC-08	85	130	145	46
SFC-10	105	130	145	55
SFC-12	105	190	205	58
SFC-16	120	210	225	75
SFC-20	145	310	330	90
SFC-24	145	310	330	102

SFWS type

SYMBOLS



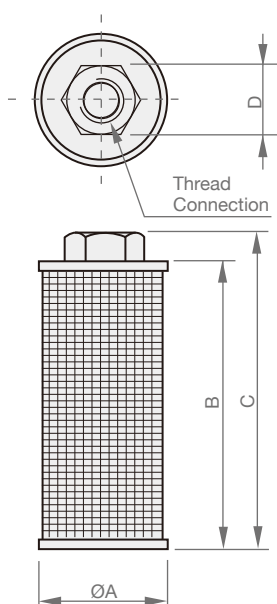
MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFWS-04	0.5"	33	0.13
SFWS-06	0.75"	52	0.22
SFWS-08	1"	110	0.36
SFWS-10	1.25"	180	0.48
SFWS-12	1.5"	250	0.67
SFWS-16	2"	390	0.81

Material : stainless steel

DIMENSION

(UNIT : mm)

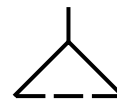


Model	A	B	C	D
SFWS-04	60	100	112	27
SFWS-06	67	145	161	32
SFWS-08	87	190	210	41
SFWS-10	107	203	224	50
SFWS-12	127	232	253	58
SFWS-16	127	307	330	75

SFFS type



SYMBOLS



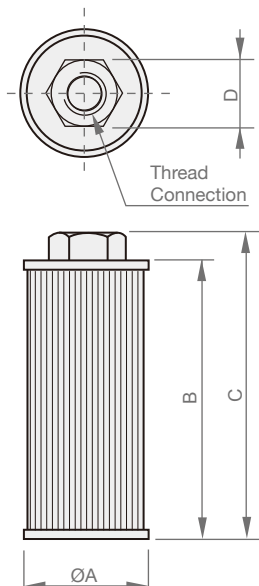
MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Weight (kg)
SFFS-04	0.5"	38	0.14
SFFS-06	0.75"	65	0.16
SFFS-08	1"	110	0.26
SFFS-10	1.25"	220	0.30
SFFS-12	1.5"	310	0.42
SFFS-16	2"	410	0.55

Material : stainless steel

DIMENSION

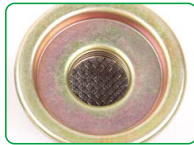
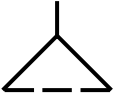
(UNIT : mm)



Model	A	B	C	D
SFFS-04	60	100	112	27
SFFS-06	60	130	145	32
SFFS-08	67	145	162	41
SFFS-10	73	176	194	50
SFFS-12	87	191	209	58
SFFS-16	127	203	224	75

M-43

SYMBOLS

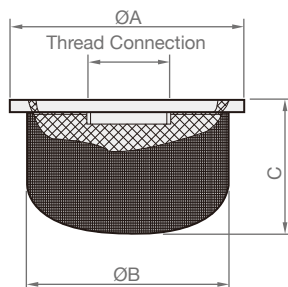


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Filtration (mesh)	Weight (kg)
M-43-03	3/8"	12	60	0.02
M-43-06	3/4"	15		0.02

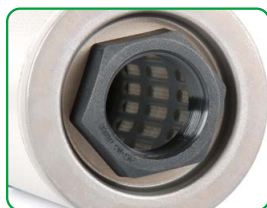
DIMENSION

(UNIT : mm)

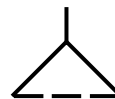


Model	A	B	C
M-43-03	43	36	26
M-43-06	43	36	26

N type



SYMBOLS

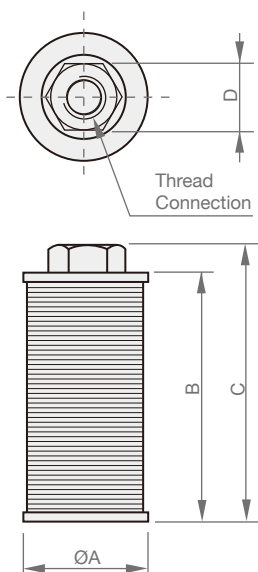


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Filtration (mesh)	Weight (kg)
N-04	1/2"	35	150	0.28
N-06	3/4"	46		0.29
N-08	1"	90		0.47
N-10	1 1/4"	150		0.76
N-12	1 1/2"	205		1.00
N-16	2"	320		1.28
N-20	2 1/2"	550		2.54
N-24	3"	600		2.74

DIMENSION

(UNIT : mm)

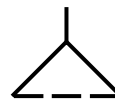


Model	A	B	C	D
N-04	64	153	160	27
N-06	64	153	166	34
N-08	83	198	210	42
N-10	103	215	231	53
N-12	122	232	246	61
N-16	122	317	332	74
N-20	148	419	434	105
N-24	148	419	434	105

W type



SYMBOLS

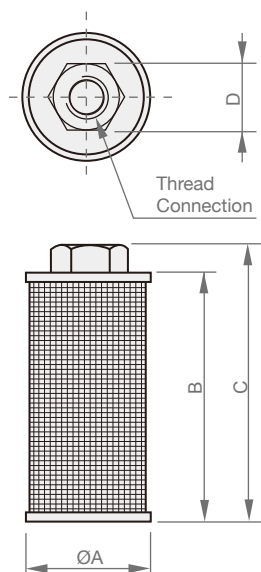


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Filtration (mesh)	Weight (kg)
W-02S	1/4"	14	120	0.06
W-02	1/4"	14		0.09
W-03S	3/8"	17		0.06
W-03	3/8"	17		0.12
W-04	1/2"	30		0.15
W-06	3/4"	50		0.18
W-08	1"	100		0.24
W-10	1 1/4"	180		0.35
W-12	1 1/2"	246		0.55
W-16	2"	384		0.62
W-20	2 1/2"	700	100	1.10
W-24	3"	800		1.29
W-32	4"	1000		2.45

DIMENSION

(UNIT : mm)



Model	A	B	C	D
W-02S	46.5	51	59	22
W-02	46.5	99	107	22
W-03S	46.5	51	59	22
W-03	46.5	99	107	22
W-04	53	132	144	29
W-06	66	147	162	34
W-08	85	178	194	42
W-10	105	198	215	54
W-12	125	233	252	61
W-16	125	299	318	74
W-20	158	344	368	97
W-24	158	432	456	105
W-32	208	356	379	142

MF type

SYMBOLS

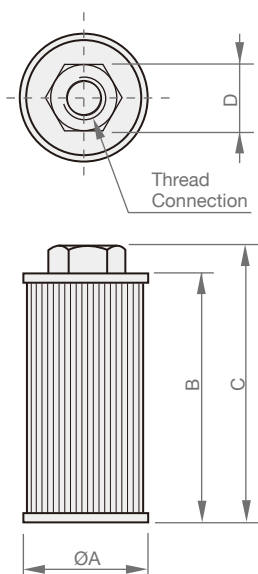


MODEL SPEC.

Model	Thread Connection (PT)	Flow (l/min)	Filtration (mesh)	Weight (kg)
MF-02	1/4"	20	100	0.09
MF-03	3/8"	25		0.09
MF-04	1/2"	30		0.09
MF-06	3/4"	55		0.14
MF-08	1"	90		0.16
MF-10	1 1/4"	130		0.18
MF-12	1 1/2"	200		0.25
MF-16	2"	280		0.37
MF-20S	2 1/2"	700		0.97
MF-20	2 1/2"	700		1.14
MF-24S	3"	800		1.00
MF-24	3"	800		1.20
MF-32	4"	1000		1.58

DIMENSION

(UNIT : mm)



Model	A	B	C	D
MF-02	54	86	92	21
MF-03	54	86	92	21
MF-04	54	86	92	27
MF-06	66	121	137	34
MF-08	66	147	163	42
MF-10	66	166	184	54
MF-12	85	177	194	61
MF-16	105	198	214	74
MF-20S	158	250	270	109
MF-20	158	350	370	109
MF-24S	158	250	270	109
MF-24	158	350	370	109
MF-32	208	356	379	142

Special Suction Filter



FEATURES

We provide customized service for any different sizes and some particular materials which can meet your needs.

1. According to different precision filtration, we have many material options such as iron net, nonwoven material, filtering paper, etc.
2. The lengths of all the strainers can be altered.
3. If you need to add the grips on the surface outside or inside, please let us know.

S1 (visual)

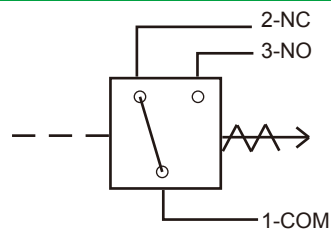


S1-05



S1-18

SYMBOLS



ORDER CODES

S1 - **05** - **10**

① ② ③

① ▶	Model Name	S1	visual type
② ▶	Mounting Type	05	BSP 1/2"
		18	M18 P1.5
③ ▶	React to Pressure Differential	10	10 bar
		35	3.5 bar

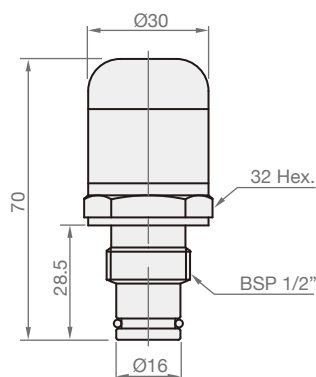
MODEL SPEC.

Model	React to Pressure Differential (bar)	Weight (kg)
S1-05-10	10	0.14
S1-05-35	3.5	0.14
S1-18-10	10	0.14
S1-18-35	3.5	0.14

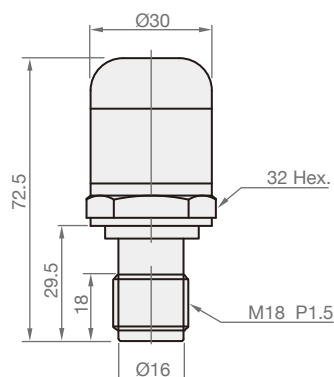
DIMENSION

(UNIT : mm)

► S1-05



► S1-18



S2 (visual-electrical)

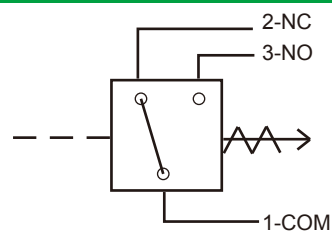


S2-05



S2-18

SYMBOLS



ORDER CODES

S2 - **18** - **35**

① ② ③

① ▶ Model Name	S2	visual and electrical type
② ▶ Mounting Type	05	BSP 1/2"
	18	M18 P1.5
③ ▶ React to Pressure Differential	10	10 bar
	35	3.5 bar

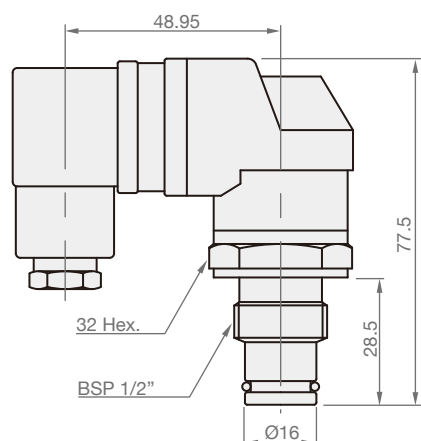
MODEL SPEC.

Model	React to Pressure Differential (bar)	Weight (kg)
S2-05-10	10	0.2
S2-05-35	3.5	0.2
S2-18-10	10	0.2
S2-18-35	3.5	0.2

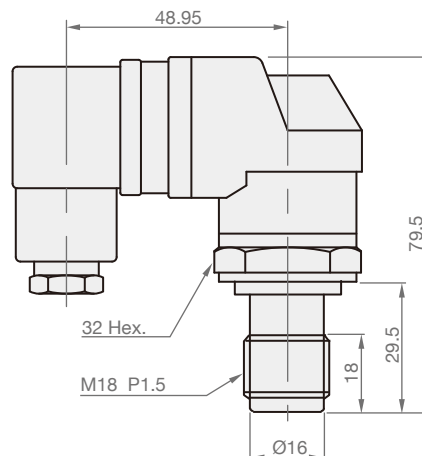
DIMENSION

(UNIT : mm)

▶ S2-05



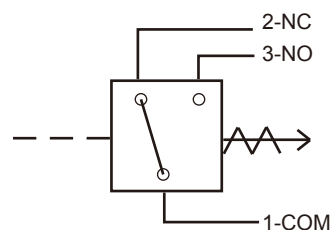
▶ S2-18



D1 (visual)



SYMBOLS



ORDER CODES

D1 - **05** - **35**

1 2 3

1 ▶	Model Name	D1	visual type
2 ▶	Mounting Type	05	BSP 1/2"
3 ▶	React to Pressure Differential	35	3.5 bar

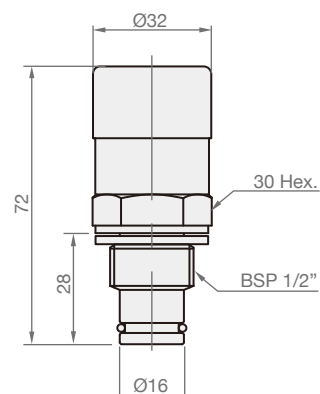
MODEL SPEC.

Model	React to Pressure Differential (bar)	Weight (kg)
D1-05-35	3.5	0.07

DIMENSION

(UNIT : mm)

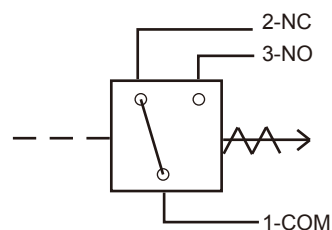
▶ D1-05-35



D2 (visual-electrical)



SYMBOLS



ORDER CODES

D2 - **05** - **35**

① ② ③

①	Model Name	D2	visual and electrical type
②	Mounting Type	05	BSP 1/2"
③	React to Pressure Differential	35	3.5 bar

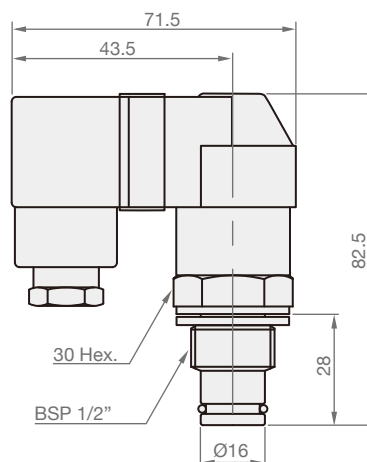
MODEL SPEC.

Model	React to Pressure Differential (bar)	Weight (kg)
D2-05-35	3.5	0.12

DIMENSION

(UNIT : mm)

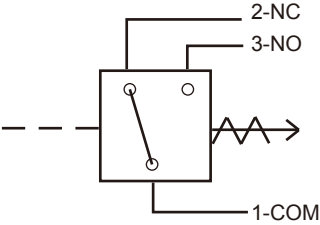
► D2-05-35



DP (visual-electrical)



SYMBOLS



ORDER CODES

DP - 05 - 35

1 2 3

1	Model Name	DP	visual and electrical type
2	Mounting Type	05	BSP 1/2"
3	React to Pressure Differential	35	3.5 bar

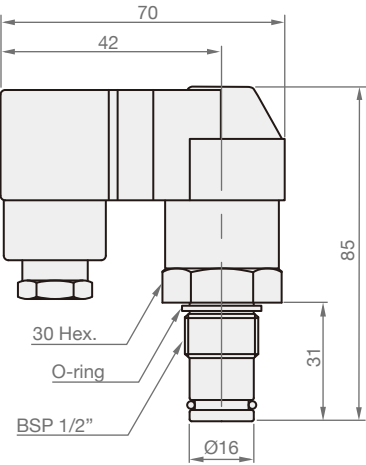
MODEL SPEC.

Model	React to Pressure Differential (bar)	Weight (kg)
DP-05-35	3.5	0.13

DIMENSION

(UNIT : mm)

DP-05-35



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