

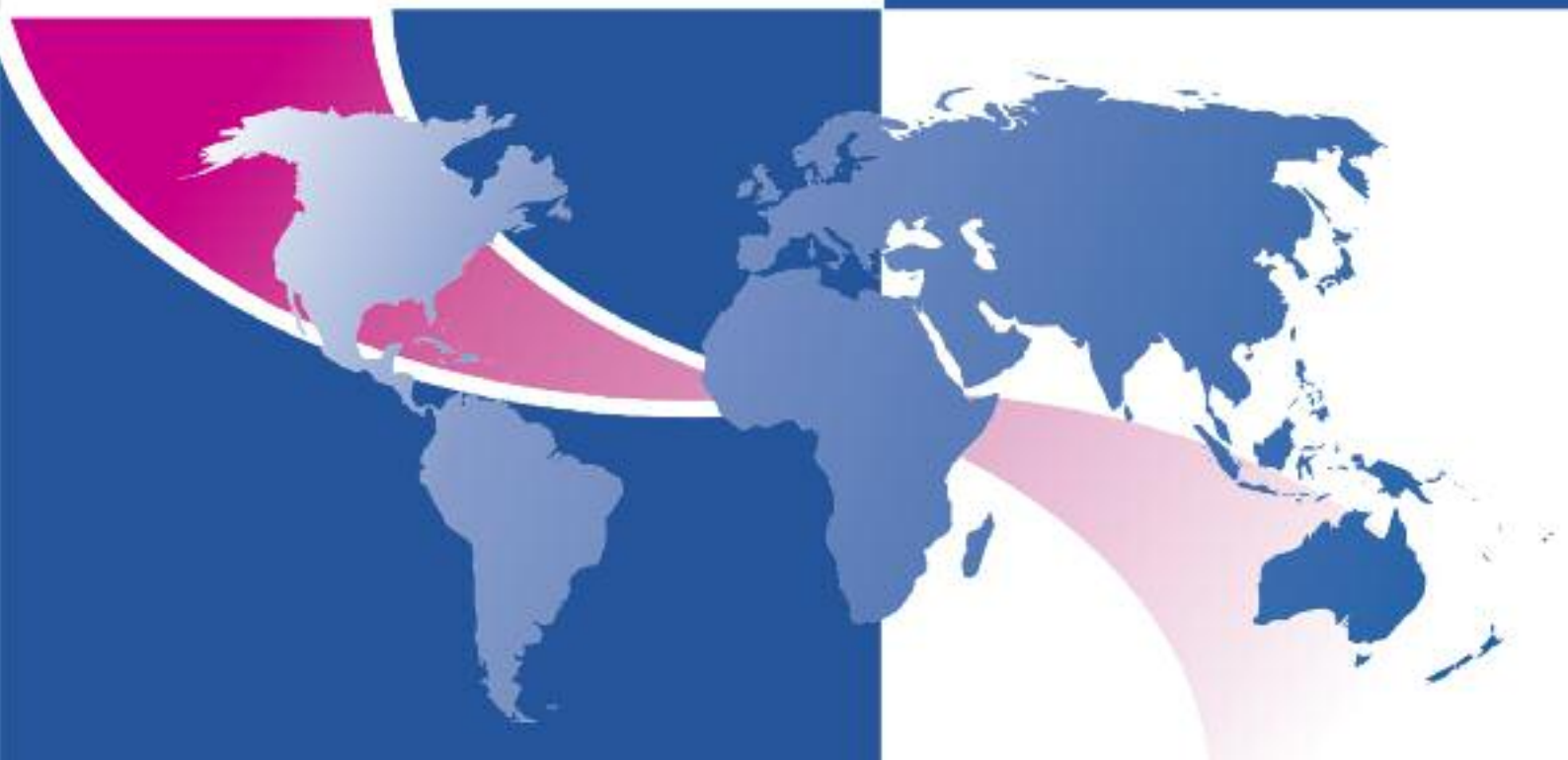


FILTRAZIONE IDRAULICA
HYDRAULIC FILTRATION



FILTREC[®]
Technical Filtration

serie
FA-4



Serie FA-4

Filtri avvitabili Spin-on filter



CORPO FILTRO

Descrizione:**Portata massima:****Pressione max di esercizio:****Pressione di prova:****Pressione di scoppio:****Test fatica ciclica:****Conessioni:****Valvola by-pass:****Indicatore intasamento:****Temperatura di esercizio:****Materiali:****Compatibilità con fluidi:**

Caratteristiche tecniche

Filtri a media pressione con cartuccia avvitabile a perdere da impiegare al ritorno ed in linea.

200 l/min

Secondo NFPA T 3.10.17

Secondo NFPA T 3.10.17

Secondo NFPA T 3.10.17

Secondo NFPA T 3.10.17

BSP, NPT

3,5 Bar

visivo ed elettrico

-25°C +120°C

- Testata: alluminio
- Corpo: acciaio + alluminio
- Guarnizioni: Buna-N (NBR) / Viton®

ISO 2943: Filtro compatibile con oli minerali ed alcuni oli sintetici e vegetali. Per altri fluidi contattare FILTREC S.p.A.

FA-4-1x	FA-4-21
34,5 Bar	24 Bar
52 Bar	36 Bar
69 Bar	55 Bar
0-34,5 Bar*	0-24 Bar*

* ≥ 100.000 cicli

ELEMENTO FILTRANTE

Setto filtrante:

Microfibra di vetro 3, 6, 10, 15, 25, 40 µm

Carta 10, 25 µm

Tela metallica 150 µm

Pressione di collasso:

Secondo ISO 2941

FA-4-1x	FA-4-21
15 Bar	12 Bar



FILTER HOUSING

Description:**Max flow rate:****Max working pressure:****Test pressure:****Burst pressure:****Pressure fatigue test:****Connection Ports:****By-pass setting:****Indicator:****Working temperature:****Materials:****Fluids compatibility:**

Technical Information

In line pressure and return spin-on filter assemblies.

200 l/min (53 gpm)

As per NFPA T 3.10.17

As per NFPA T 3.10.17

As per NFPA T 3.10.17

As per NFPA T 3.10.17

BSP, NPT

3,5 Bar (50 psi)

Visual and electrical

-25°C +120°C (-13°F +248°F)

- Head: aluminium
- Housing: carbon steel + aluminium
- Seal: Buna-N (NBR) / Viton®

ISO 2943: Filter assembly compatible with mineral oils and some synthetic or vegetable oils. With other fluid applications please contact Filtrec S.p.A.

FA-4-1x	FA-4-21
500 psi	348 psi
754 psi	522 psi
1.000 psi	798 psi
0-500 psi *	0-348 psi *

* ≥ 100.000 cycles

FILTER ELEMENT

Filter media:

Microglass fiber 3, 6, 10, 15, 25, 40 µm

Cellulose 10, 25 µm

Wire mesh 150 µm

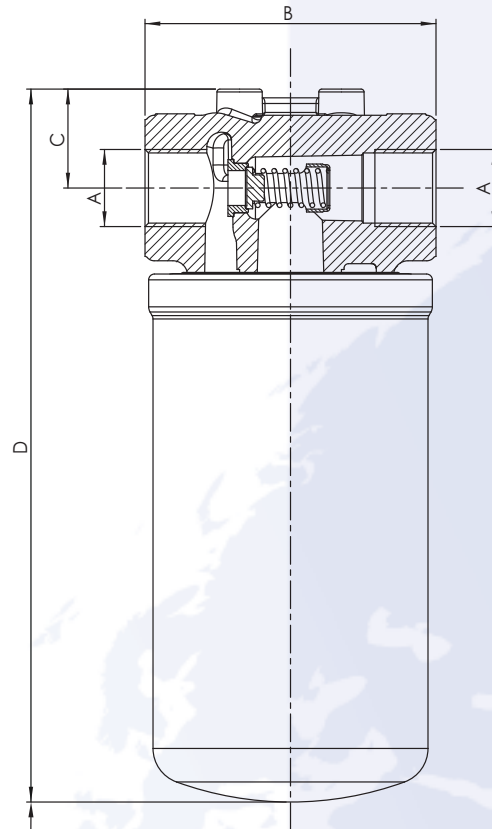
Collapse pressure:

As per ISO 2941

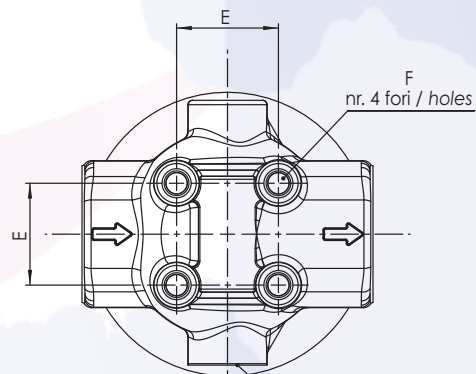
FA-4-1x	FA-4-21
15 Bar	12 Bar

Informazioni dimensionali - Overall dimensions

FA-4-1x
FA-4-21



Distanza minima per rimozione cartuccia 30 mm
Clearance for element removal 30 mm



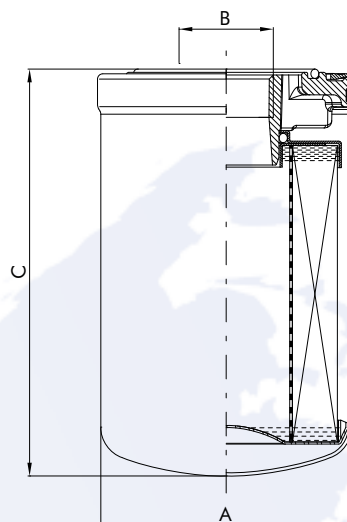
Possibile sede indicatore opzionale M18 x 1,5
Possible indicator port M18 x 1,5

1) Grandezza nominale - Nominal size

Codice - Code	A	B	C	D	E	Cart. ricambio Element
FA-4-05	3/4" BSP	100	34	165	35	A-4-05
FA-4-11	3/4" NPT			216		A-4-11
FA-4-12	1" BSP			245		A-4-12
FA-4-13	1" NPT			302		A-4-13
FA-4-21	1" 1/4 BSP 1" 1/4 NPT	121	40	369	48	A-4-21

2) Dimensioni cartucce - Element size

Codice - Code	A	B	C
A-4-05	97	1" 3/8-12 UNF 2B	100
A-4-11	97	1" 3/8-12 UNF 2B	152
A-4-12	97	1" 3/8-12 UNF 2B	180
A-4-13	97	1" 3/8-12 UNF 2B	240
A-4-21	120	1" 3/4-12 UN 2B	295



3) Grado di filtrazione - Filtration ratings

Codice - Code	Materiale - Media	Efficienza - Efficiency
0	senza cartuccia / no element	-----
G03	microfibra inorganica / microglass fiber	$\beta_{4,5 \mu\text{m} (C)} \geq 1000$
G06	microfibra inorganica / microglass fiber	$\beta_{7 \mu\text{m} (C)} \geq 1000$
G10	microfibra inorganica / microglass fiber	$\beta_{12 \mu\text{m} (C)} \geq 1000$
G15	microfibra inorganica / microglass fiber	$\beta_{18 \mu\text{m} (C)} \geq 1000$
G25	microfibra inorganica / microglass fiber	$\beta_{27 \mu\text{m} (C)} \geq 1000$
C10	carta trattata / resin impregnated cellulose	$\beta_{10 \mu\text{m} (C)} \geq 2$
C25	carta trattata / resin impregnated cellulose	$\beta_{25 \mu\text{m} (C)} \geq 2$
T150	tela metallica / wire mesh	-----

4) Guarnizioni - Seals

Codice - Code	Tipo - Type
---	NBR
V	Viton®

5) Conessioni - Connection port

Codice - Code	B	F
B4	3/4" BSP	M10
B5	1" BSP	M10
B6	1" 1/4 BSP	M10
N4	3/4" NPT	3/8"-16 UNC
N5	1" NPT	3/8"-16 UNC
N6	1" 1/4 NPT	3/8"-16 UNC

Per NPT contattare l'ufficio commerciale
For NPT please contact sales department

6) Valvola di by-pass - By-pass valve

Codice - Code	Taratura - Setting
0	senza / without
D	ritorno o in linea / return or in-line (3,5 Bar - 50 psi)

7) Indicatori - Indicator

Codice - Code	Tipo indicatore - Indicator type	Taratura - Setting
0	senza / without	
Z34	differenziale visivo differential visual switch	2,7 Bar 39 psi
Z35	differenziale elettrico differential electric switch	2,7 Bar 39 psi

Codici per l'ordinazione - Ordering information

Filtro completo
Filter assembly

FA-4

21

C10

V

B6

D

Z34

1*

3*

4*

5*

6*

7*

Cartuccia
Filter element

A-4

21

C10

V

2*

3*

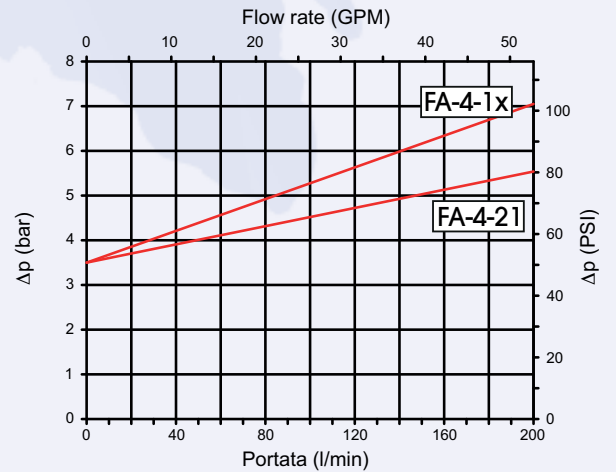
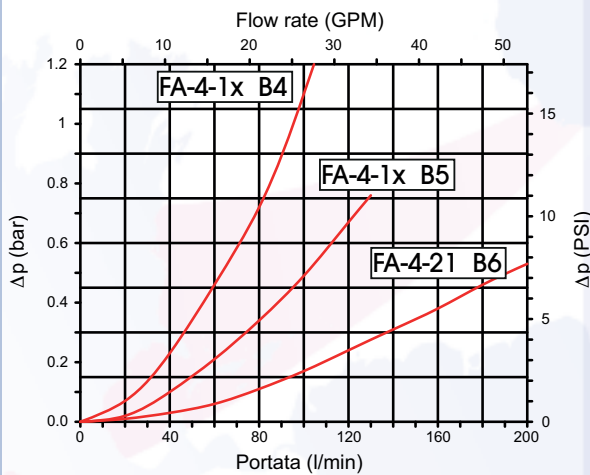
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Filtro Housing

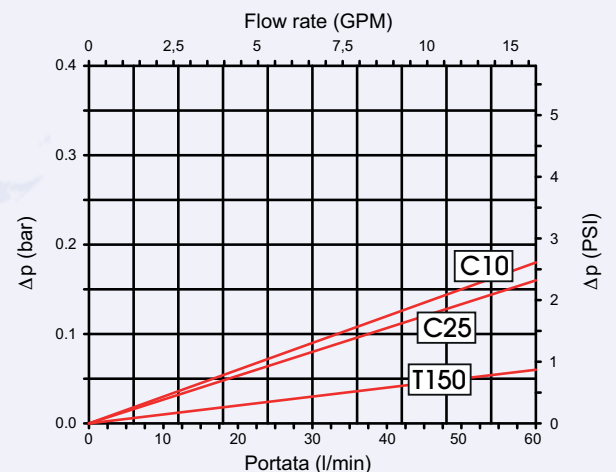
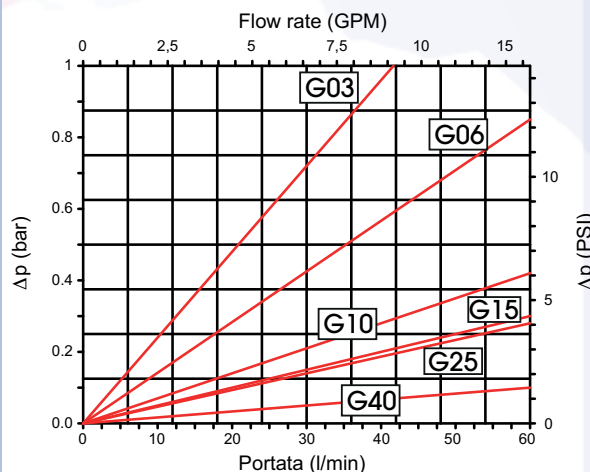
Curve di portata - Pressure drop charts

Le curve (secondo ISO 3968 classe B) sono ottenute con olio minerale avente viscosità di 30 cSt e densità di 0,86 Kg/dm³. Per viscosità e densità diverse i dati variano.

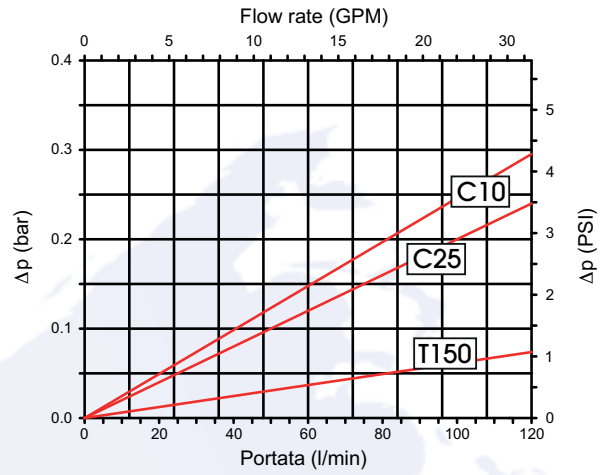
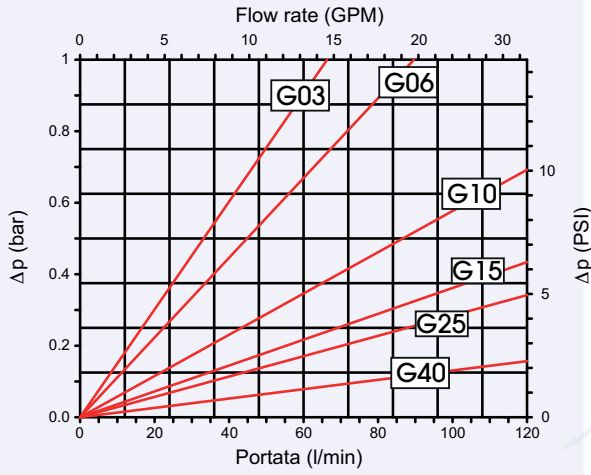
Pressure drop charts (as per ISO 3968 class B) are obtained using mineral oil with 30 cSt viscosity and 0,86 Kg/dm³ density. With different values of viscosity and density data may vary.



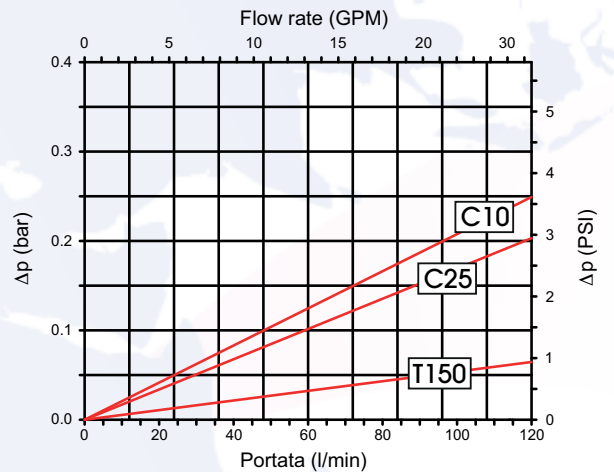
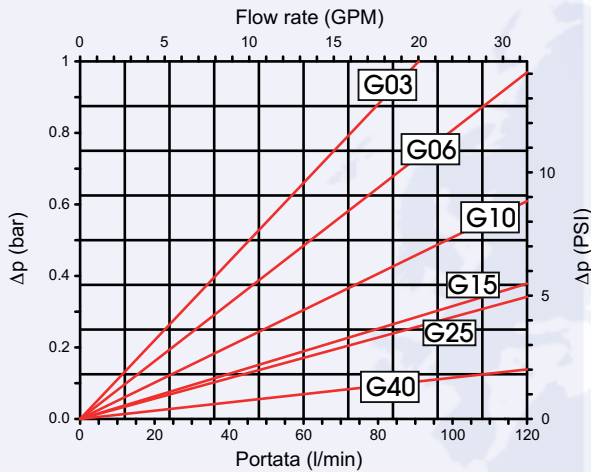
A-4-05



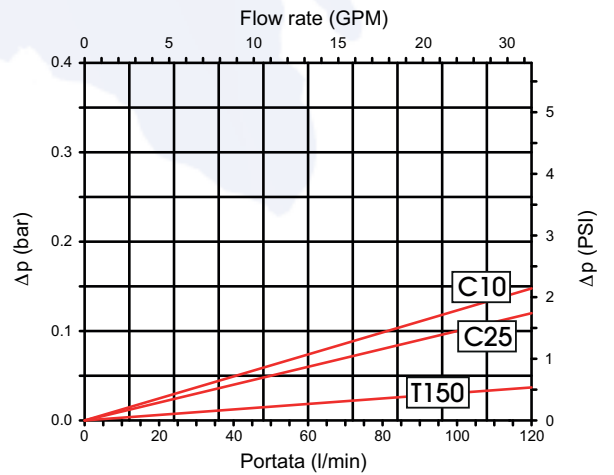
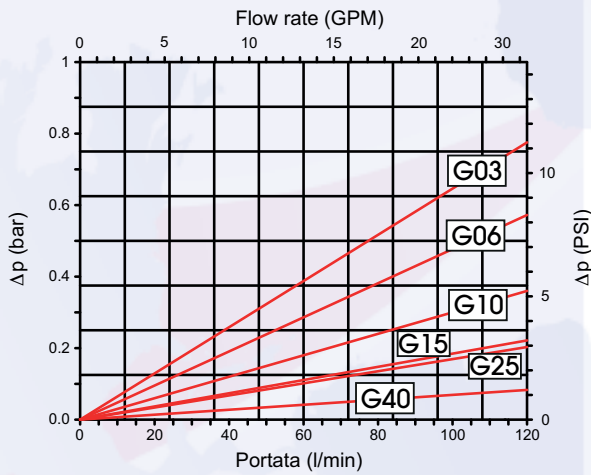
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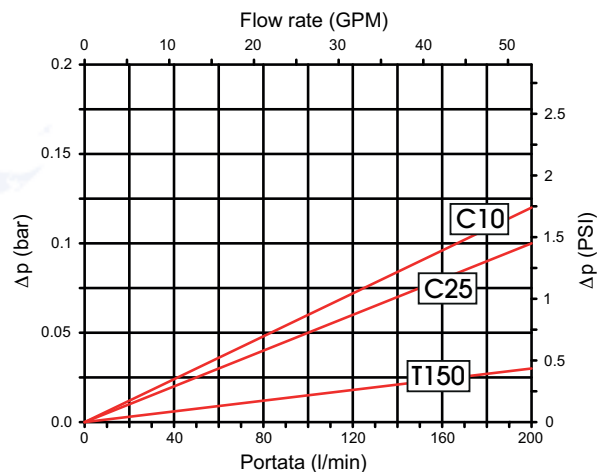
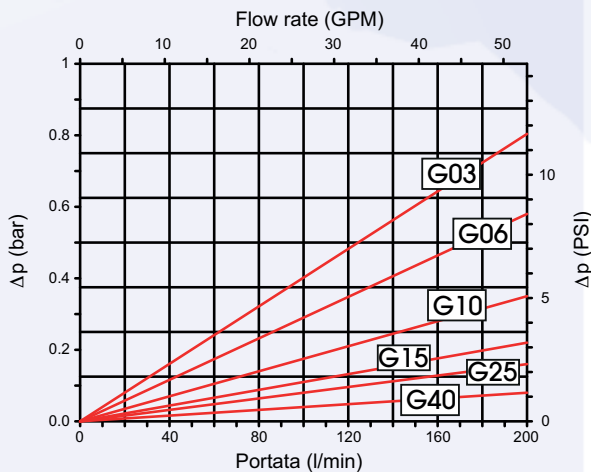
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A-4-13



A-4-21



Note - Notes



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