




  
**FILTRAZIONE IDRAULICA**  
**HYDRAULIC FILTRATION**



**FILTREC®**  
**Technical Filtration**

**serie**  
**FA-2**



## Serie FA-2

Filtri avvitabili da montare su serbatoio  
*Tank top return spin-on filters*



### FILTER HOUSING

**Description:**  
**Max flow rate:**  
**Max working pressure:**  
**Test pressure:**  
**Burst pressure:**  
**Connection Ports:**  
**Indicator:**  
**Working temperature:**  
**Materials:**

**Fluids compatibility:**

### FILTER ELEMENT

**Filter media:**  
**Collapse pressure:**  
**By-pass setting:**

### Technical Information

*Tank top return line spin-on filter assemblies.  
 150 l/min (40 gpm)*

*As per NFPA T 3.10.17: 12 Bar (175 psi)*

*As per NFPA T 3.10.17: 15 Bar (217.5 psi)*

*As per NFPA T 3.10.17: 20 Bar (290 psi)*

*BSP*

*Visual and electrical*

*-25°C +100°C (-13°F +212°F)*

- *Head: aluminium*
- *Housing: carbon steel*
- *Seal: Buna-N*

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

*Microglass fiber 3,6,10,25 µm*

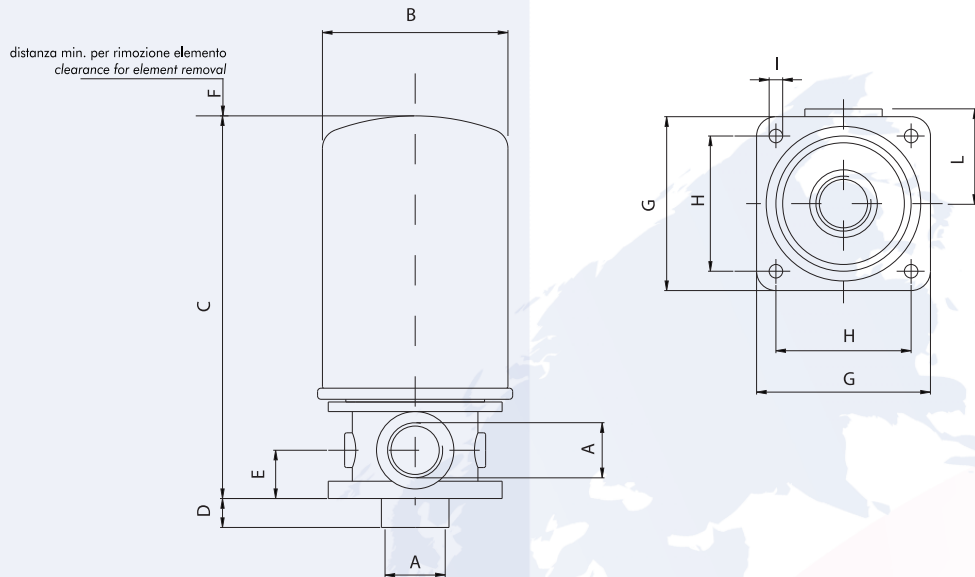
*Cellulose 10,25 µm*

*Wire mesh 60, 125 µm*

*As per ISO 2941: 4 Bar (58 psi)*

*Return line 1,7 Bar (24.6 psi)*

## Informazioni dimensionali - Overall dimensions

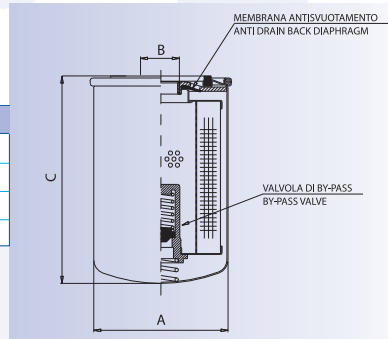


## 1) Grandezza nominale - Nominal size

Codice - Code	A	B	C	D	E	F	G	H	I	L	Cart. ricambio Element
FA-2-10	3/4" BSP	96	200	15	25	20	90	70	7	50	A-2-10
FA-2-11		96	265	15	25	20	90	70	7	50	A-2-11
FA-2-20	1 1/2" BSP	128	255	20	36	40	122	100	9	70	A-2-20
FA-2-21		128	300	20	36	40	122	100	9	70	A-2-21

## 2) Dimensioni cartucce - Element size

Codice - Code	A	B	C
A-2-10	96	3/4" BSP	148
A-2-11	96	3/4" BSP	213
A-2-20	128	1 1/4" BSP	182
A-2-21	128	1 1/4" BSP	228



## 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	$\beta_{12 \mu\text{m (c)}} \geq 1000$
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	$\beta_{25 \mu\text{m (c)}} \geq 2$
T60	tela metallica / wire mesh	-----
T125	tela metallica / wire mesh	-----

## 4) Conessioni - Connection port

Codice - Code	Connessione - Connection
B4	3/4" BSP
B7	1 1/2" BSP

## 5) Indicatori - Indicators

Codice - Code	Tipo indicatore - Indicator type	Taratura - Setting
0	senza / without	
R1	manometro scala pressure gauge indicator scale	0 ÷ 10 Bar 0 ÷ 145 psi
R2	pressostato n.a. taratura pressure switch O.C.	1,3 Bar 8,85 psi O.C.
R3	pressostato n.c. taratura pressure switch C.C.	1,3 Bar 18,85 psi C.C.
R7	manovuotometro taratura pressure vacuum gauge	-1 ÷ 5 Bar -14,5 ÷ 72,5 Psi

## Codici per l'ordinazione - Ordering information

**Filtro completo**  
Filter assembly

**FA-2**

**21**

**C10**

**BM**

**B7**

**R2**

1\*

3\*

4\*

5\*

**Cartuccia**  
Filter element

**A-2**

**20**

**C10**

**BM**

2\*

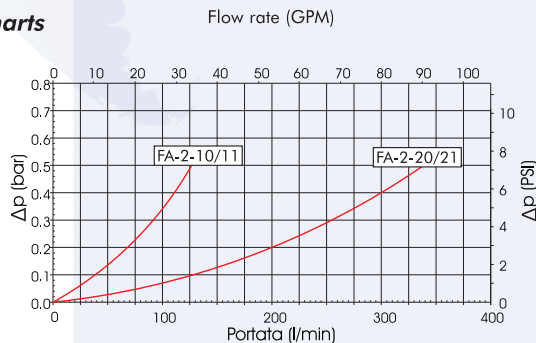
3\*

## Curve di portata - Pressure drop charts

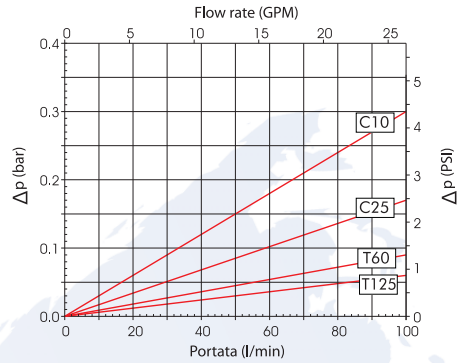
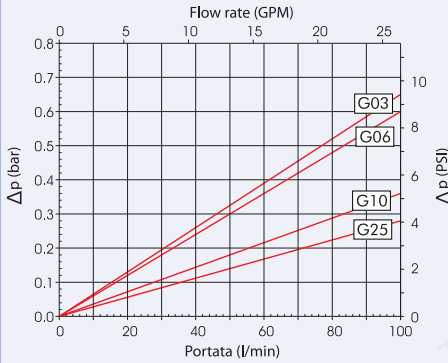
**Filtro Housing**

Le curve (secondo ISO 3968 classe B) sono ottenute con olio minerale avente viscosità di 30 cSt e densità di 0,86 Kg/dm<sup>3</sup>. Per viscosità e densità diverse i dati variano.

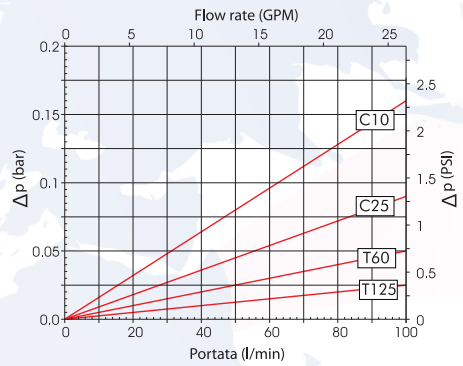
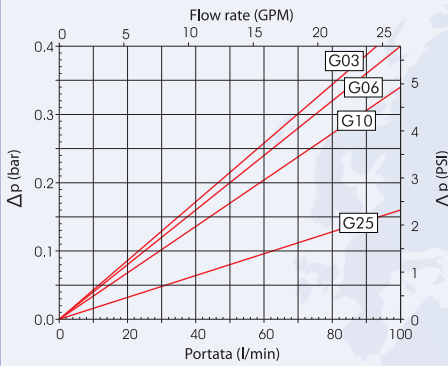
Pressure drop charts (as per ISO 3968 class B) are obtained using mineral oil with 30 cSt viscosity and 0,86 Kg/dm<sup>3</sup> density. With different values of viscosity and density data may vary.



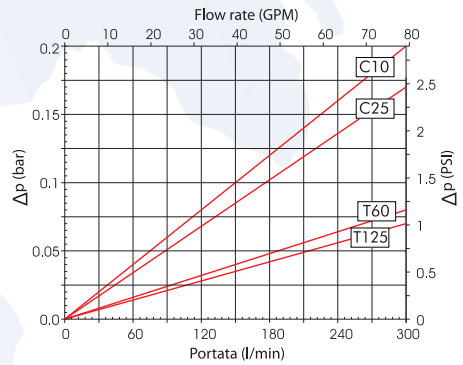
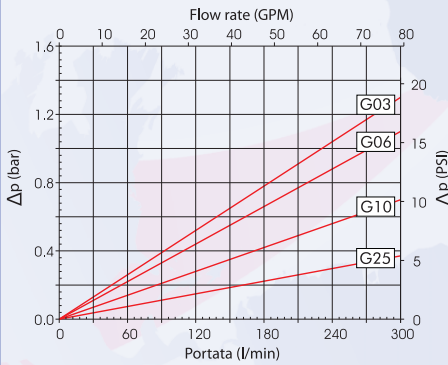
**A-2-10-...-BM**



**A-2-11-...-BM**



**A-2-20-...-BM**



**A-2-21-...-BM**

