

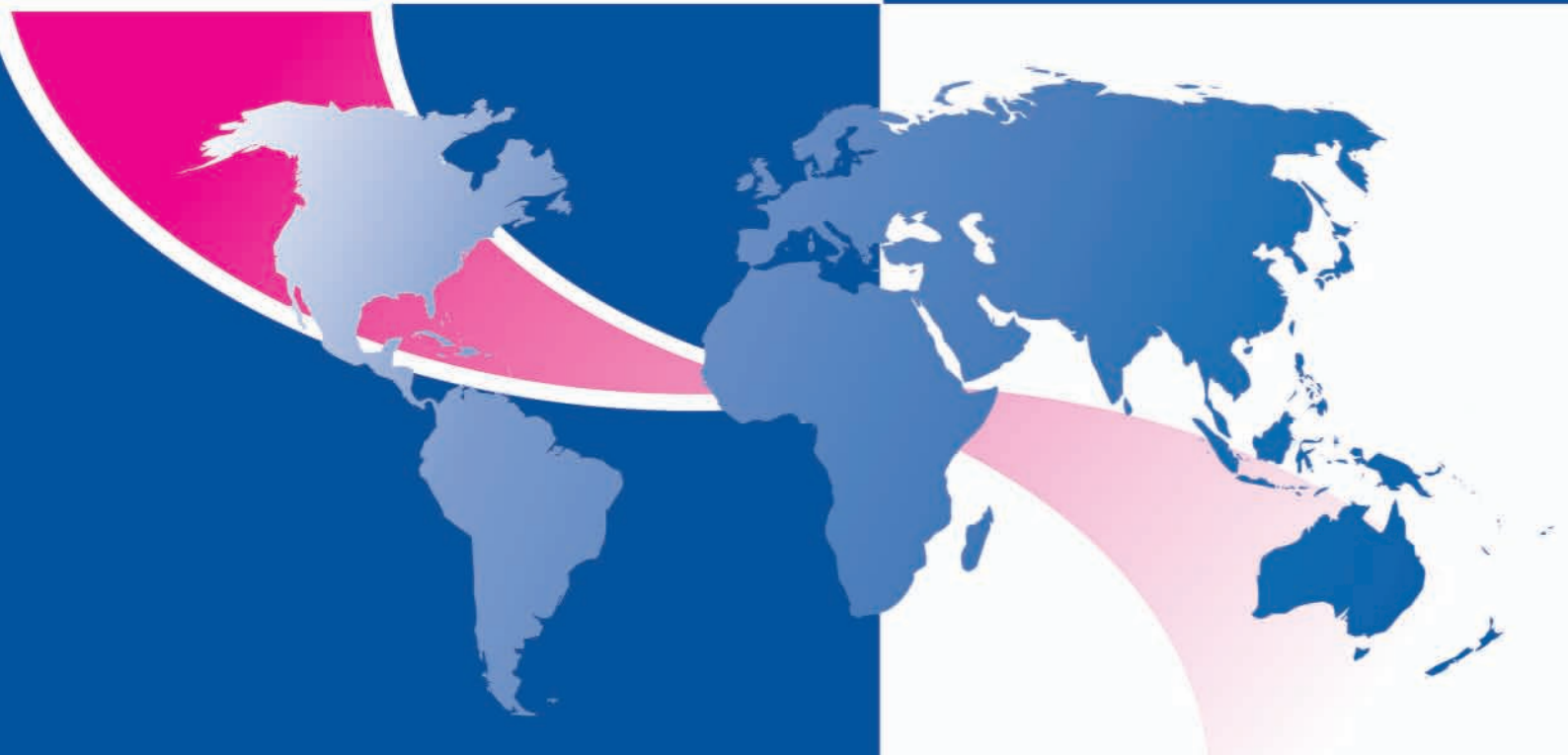


FILTRAZIONE IDRAULICA  
HYDRAULIC FILTRATION



**FILTREC**<sup>®</sup>  
Technical Filtration

serie  
**FVR-7**



# Serie FVR-7

## Filtri sul ritorno Return filter



### CORPO FILTRO

**Descrizione:****Portata massima:****Temperatura di esercizio:****Valvola by-pass :****Materiali:****Compatibilità con fluidi:**

### Caratteristiche tecniche

Filtri da montare sul serbatoio con cartuccia rigenerabile o a perdere, da impiegare su linee di ritorno.

600 lt/min

-25°C +100°C

0,8 - 1,7 Bar

- Corpo: alluminio
- Guarnizioni: Buna-N / Viton®

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

### ELEMENTO FILTRANTE

**Setto filtrante:**

Microfibra di vetro 3,6,10,25  $\mu$

Carta 10,25  $\mu$

Tela metallica 10, 25, 40, 60, 100, 120  $\mu$

**Pressione di collasso:**

Secondo ISO 2941: 10 Bar



### FILTER HEAD

**Description:****Max flow rate:****Working temperature:****By-pass setting:****Materials:****Fluids compatibility:**

### Technical Information

*In tank mounting design return line with reusable or disposable element.*

600 lt/min (158 gpm)

-30°C +110°C (-22°F +230°F)

0,8 or 1,7 Bar (11.6 or 24.6 psi)

- Head: aluminium
- Seal: Buna-N / Viton®

*ISO 2943: Filters are compatible with most mineral oils and some synthetic-vegetable oils. For other fluids applications, please contact Filtrec S.p.A.*

### FILTER ELEMENT

**Filter media:**

Microglass fiber 3,6,10,25  $\mu$

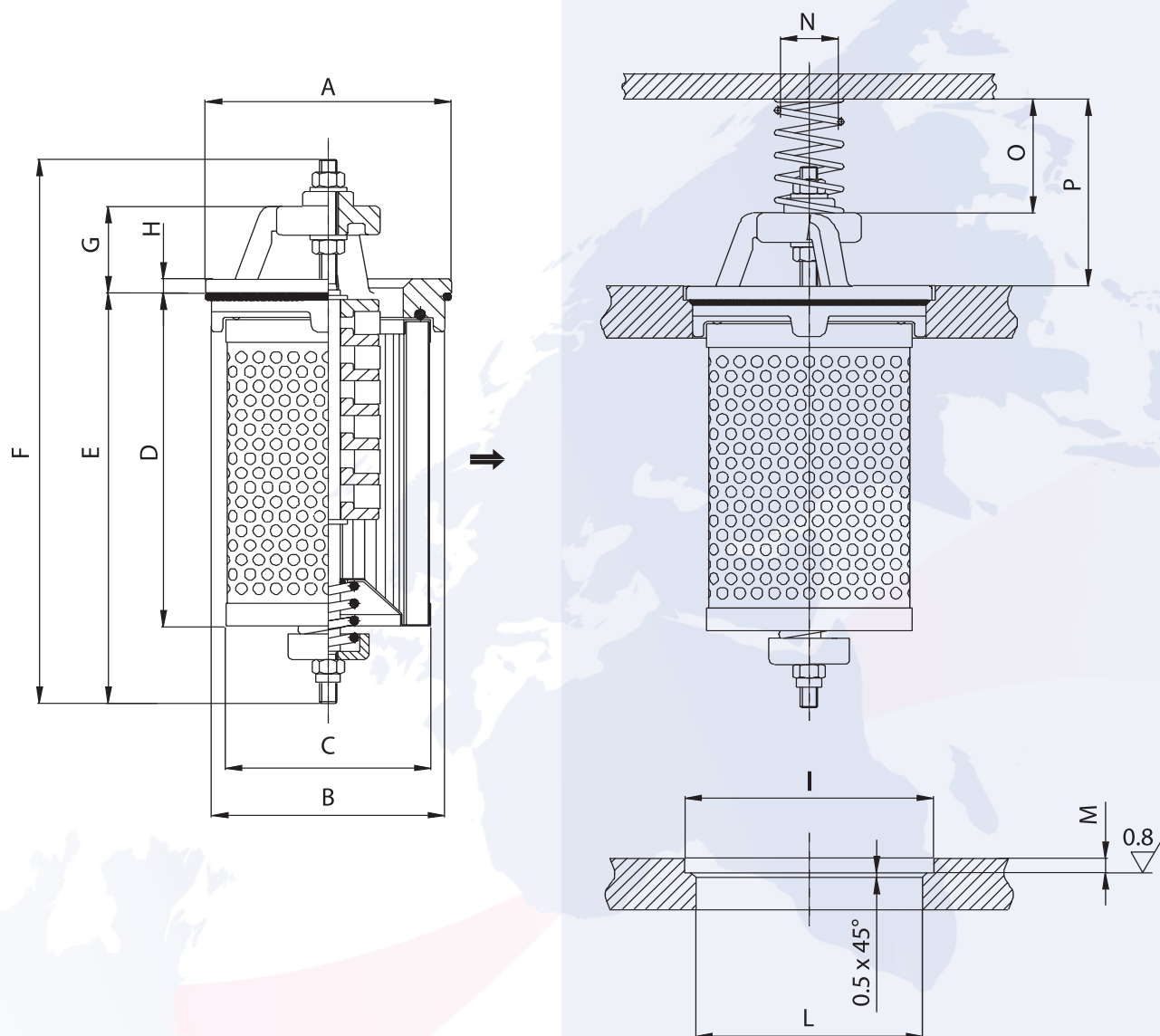
Cellulose 10,25  $\mu$

Wire mesh 60, 125  $\mu$

**Collapse pressure:**

As per ISO 2941: 10 Bar (145 psi)

## Informazioni dimensionali - Overall dimensions



### 1) Grandezza nominale - Nominal size

Codice - Code	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Cart. ricambio - Element
FVR-7-11	85	80,5	72	113	145	196	30	4,8	86,5	81,5	7,5	20	39,5	64,5	R-7-11
FVR-7-12	85	80,5	72	158	190	240	30	4,8	86,5	81,5	7,5	20	39,5	64,5	R-7-12
FVR-7-13	85	80,5	72	208	240	290	30	4,8	86,5	81,5	7,5	20	39,5	64,5	R-7-13
FVR-7-14	85	80,5	72	308	340	390	30	4,8	86,5	81,5	7,5	20	39,5	64,5	R-7-14
FVR-7-20	118	111	106	200	246	314	40,5	5,5	119,5	112	9	31	45	80	R-7-20
FVR-7-21	118	111	106	270	316	384	40,5	5,5	119,5	112	9	31	45	80	R-7-21
FVR-7-22	118	111	106	475	521	589	40,5	5,5	119,5	112	9	31	45	80	R-7-22
FVR-7-30	150	138	126	225	275	358	57,5	7	151,5	139	12,5	31	49	100	R-7-30
FVR-7-31	150	138	126	305	355	438	57,5	7	151,5	139	12,5	31	49	100	R-7-31
FVR-7-32	150	138	126	495	545	628	57,5	7	151,5	139	12,5	31	49	100	R-7-32
FVR-7-33	150	138	126	405	455	538	57,5	7	151,5	139	12,5	31	49	100	R-7-33

## 2) Grado di filtrazione - Filtration ratings

Codice - Code	Materiale - Media	Efficienza - Efficiency
0	senza cartuccia / no element	-----
G03	microfibra inorganica / microglass fiber	$\beta_6 \geq 1000$
G06	microfibra inorganica / microglass fiber	$\beta_6 \geq 1000$
G10	microfibra inorganica / microglass fiber	$\beta_{10} \geq 1000$
G25	microfibra inorganica / microglass fiber	$\beta_{25} \geq 1000$
C10	carta trattata / resin impregnated cellulose	$\beta_{10} \geq 2$
C25	carta trattata / resin impregnated cellulose	$\beta_{25} \geq 2$
T10	tela metallica / wire mesh	-----
T25	tela metallica / wire mesh	-----
T40	tela metallica / wire mesh	-----
T60	tela metallica / wire mesh	-----
T100	tela metallica / wire mesh	-----
T120	tela metallica / wire mesh	-----

## 3) Guarnizioni - Seals

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

## 4) Taratura by-pass - By-pass setting

Codice - Code	Taratura - Setting
V08	Taratura 0,8 Bar Setting 0.8 Bar (11.6 psi)
V17	Taratura 1,7 Bar Setting 1.7 Bar (24.6 psi)

## 5) Colonna magnetica - Magnets

Codice - Code	Colonna magnetica - Magnets
---	senza / without
M	con / with

## Codici per l'ordinazione - Ordering information

**Filtro completo**  
Filter assembly

**FVR-7**

**20**

**C10**

**V**

**V17**

**M**

1\*

2\*

3\*

4\*

5\*

**Cartuccia**  
Filter elements

**R-7**

**20**

**C10**

**V**

1\*

2\*

3\*

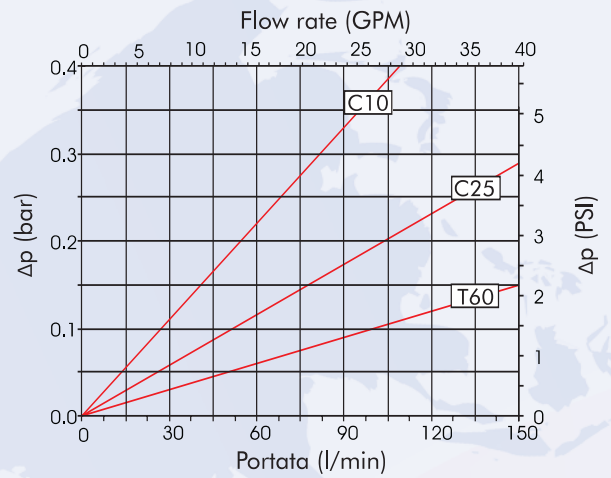
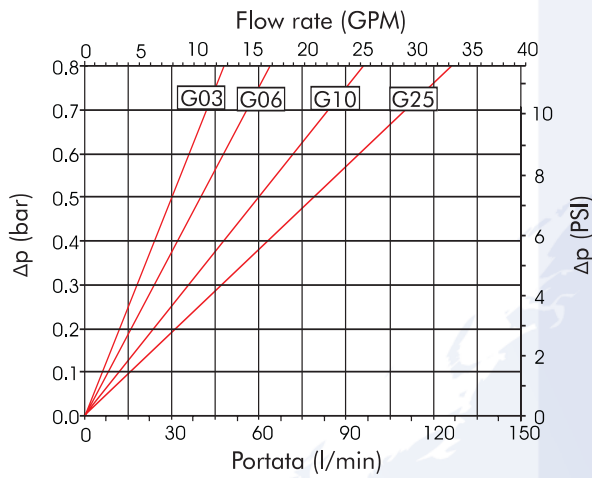
## Curve di portata - Pressure drop charts

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

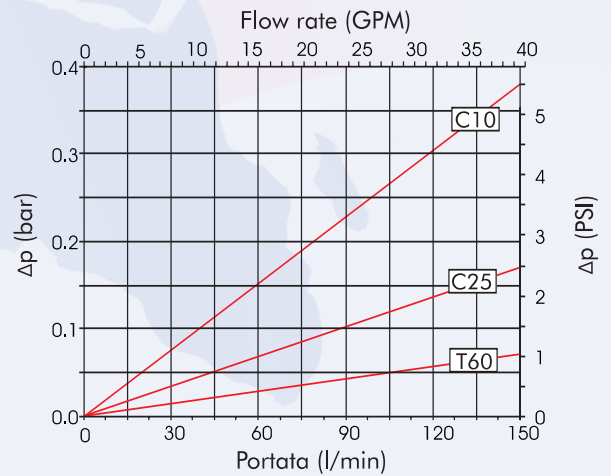
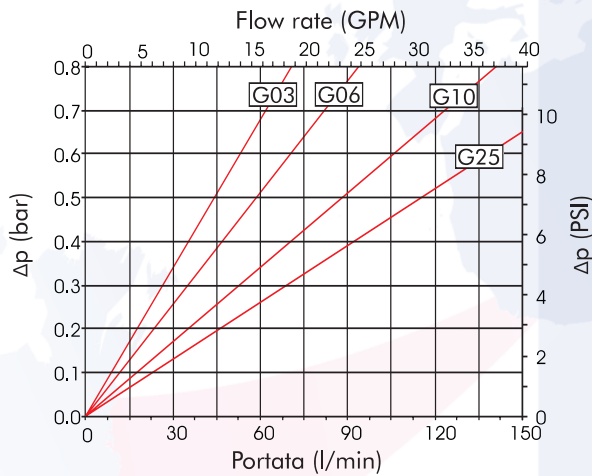
Per viscosità e densità diverse i dati variano, in prima approssimazione proporzionalmente.

Pressure drop charts as per ISO 3968 class B. 30 Cst viscosity mineral oil

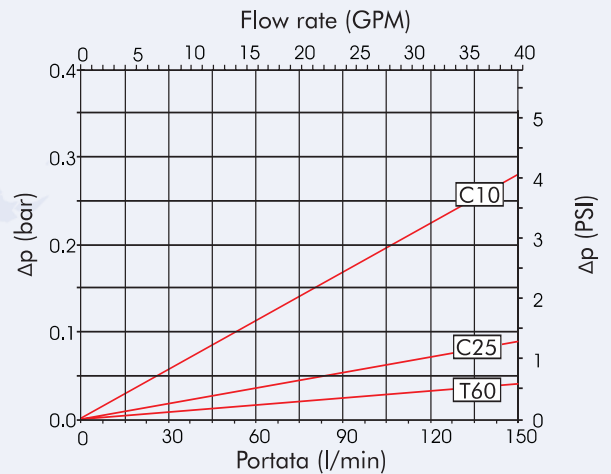
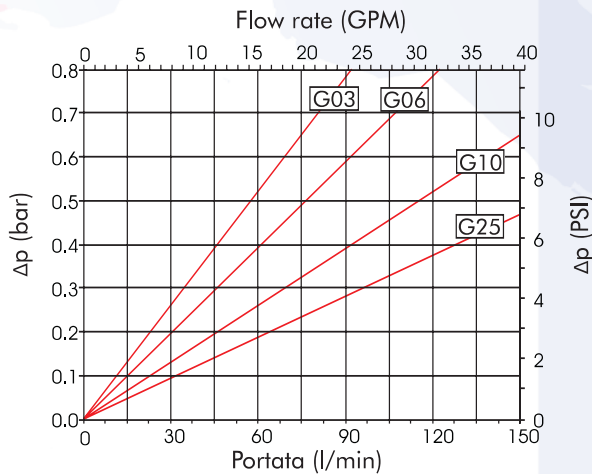
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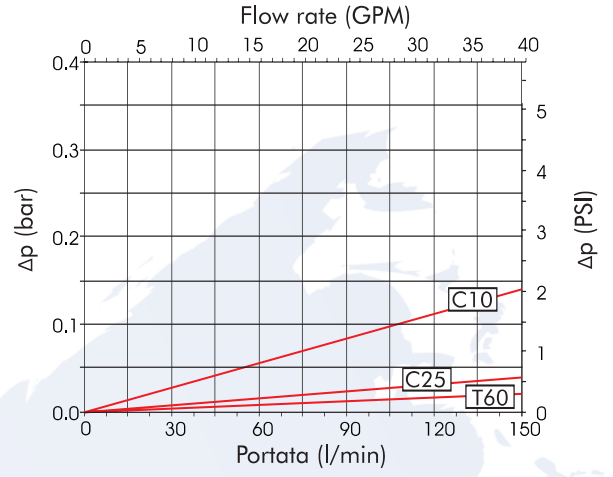
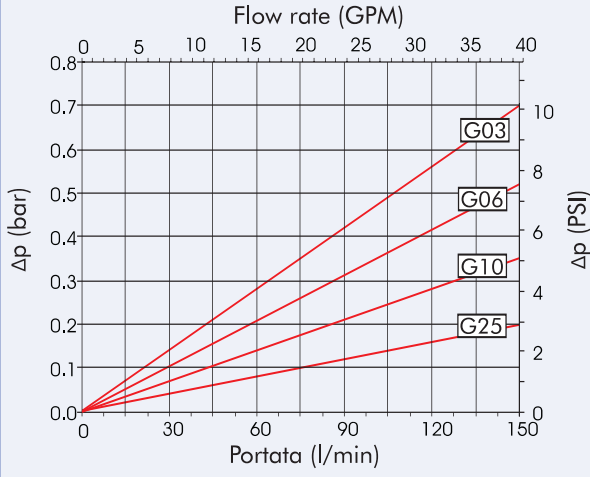
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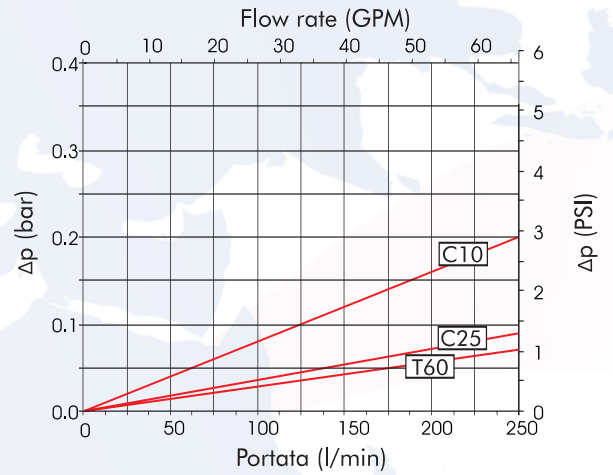
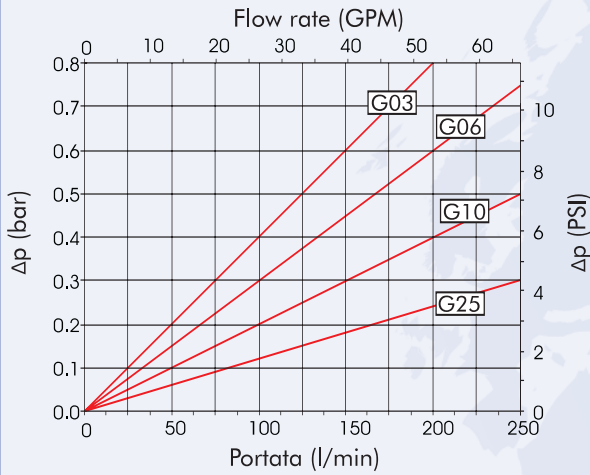
R-7-13



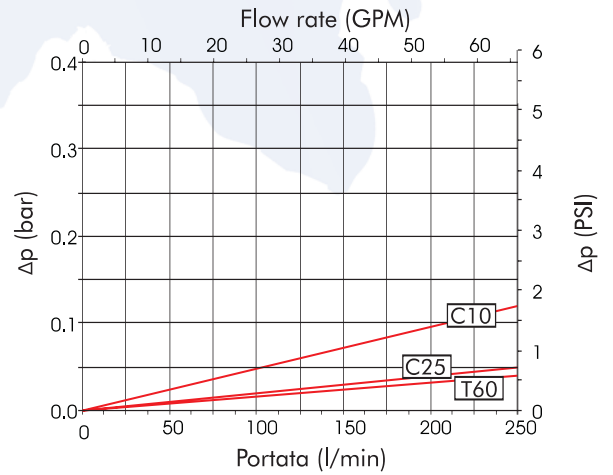
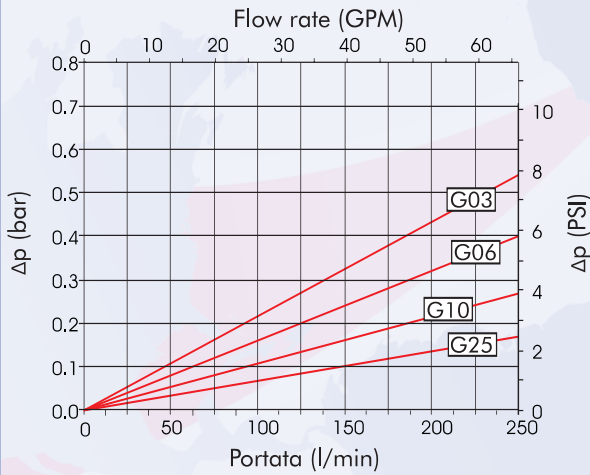
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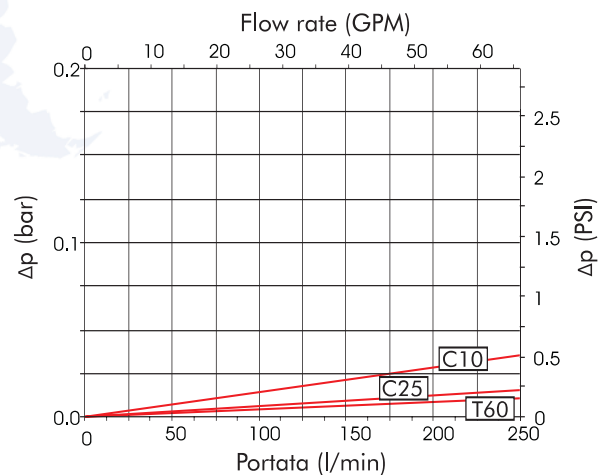
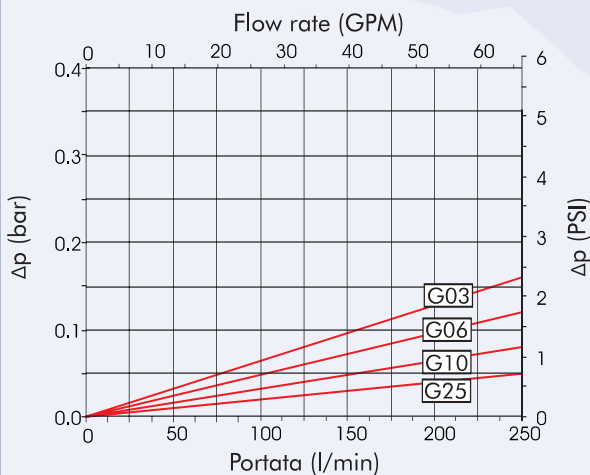
R-7-20



R-7-21



R-7-22





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