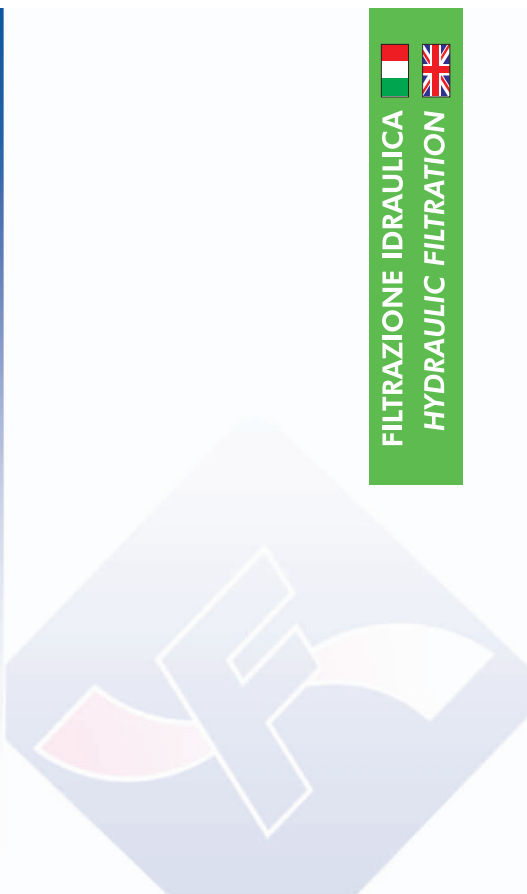




 
FILTRAZIONE IDRAULICA
HYDRAULIC FILTRATION



FILTREC®
Technical Filtration

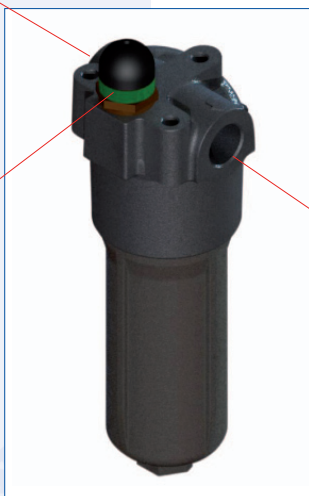
serie
F160-XD



INGRESSO - INLET

F160-XD040 / 063 / 100

POSIZIONE STANDARD
INDICATORE DIFFERENZIALE
STANDARD POSITION
DIFFERENTIAL INDICATOR



USCITA - OUTLET

INGRESSO - INLET

F160-XD160 / 250 / 400

POSIZIONE STANDARD
INDICATORE DIFFERENZIALE
STANDARD POSITION
DIFFERENTIAL INDICATOR



USCITA - OUTLET

Serie F160

Filtri in linea per media pressione
In line medium pressure filters



FILTER HOUSING

Description:

Max flow rate:

Max working pressure:

Test pressure:

Burst pressure:

Connection Ports:

By-pass:

Working temperature:

Materials:

Fluids compatibility:

FILTER ELEMENT

Filter media:

Collapse pressure:

Technical Information

In line medium pressure filter assembly with cleanable or disposable elements

400 l/min (105.5 gpm)

As per NFPA T 3.10.5.1: 160 Bar (2320 psi)

As per NFPA T 3.10.5.1: 240 Bar (3480 psi)

As per NFPA T 3.10.5.1: 480 Bar (6962 psi)

BSP, NPT

No By-pass or 6 Bar (87 psi) setting

-25°C +120°C (-13°F +248°F)

- Head: Cast iron
- Bowl: Aluminium
- Seal: Buna-N / 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.

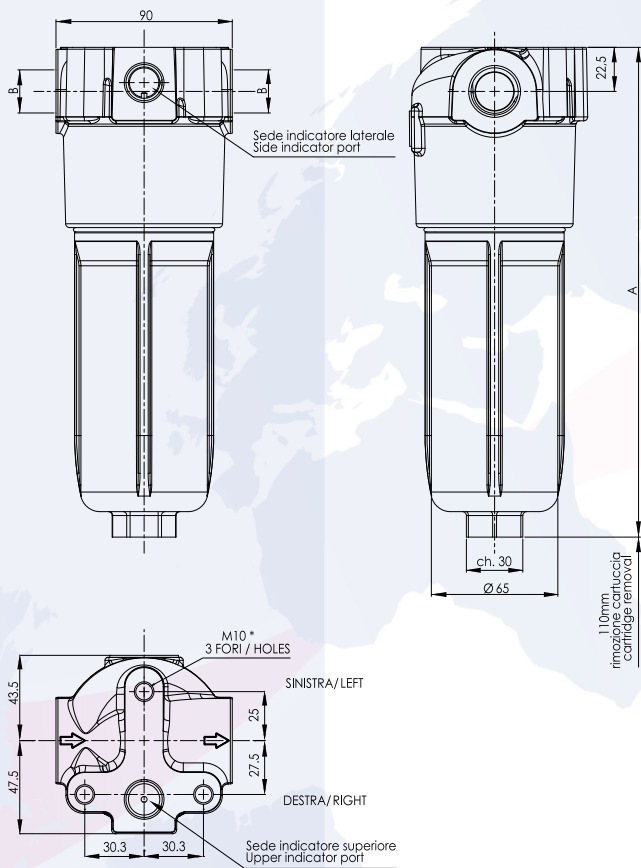
Filter element dimensions according to DIN 24550

Microglass fiber 3, 6, 10, 15, 25 μ, cellulose 10 μ

As per ISO 2941: 21 Bar (305 psi) and 210 Bar (3045 psi)

Informazioni dimensionali - Overall dimensions

F160-XD040 / 063 / 100



1) Grandezza nominale - Nominal size

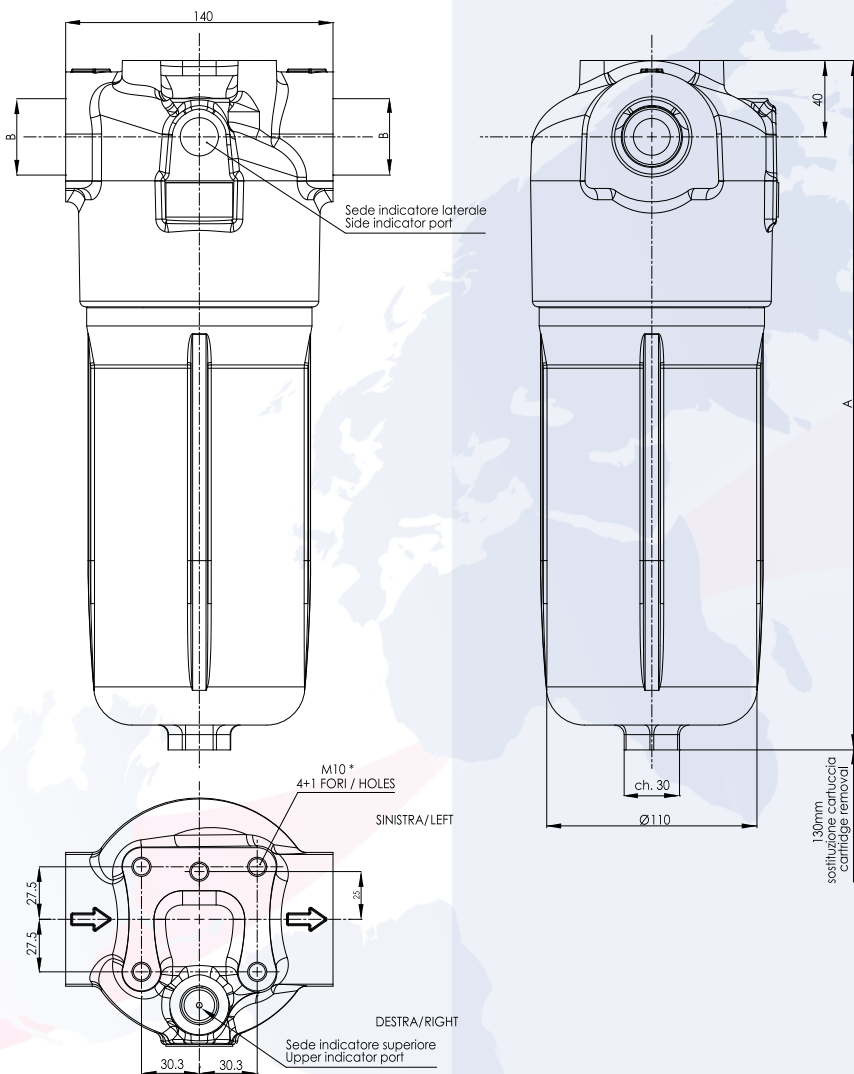
Codice - Code	A	B	Cart. ricambio- Element
F160-XD040	180	1/2" BSP	XD-040
F160-XD063	250	3/4" BSP	XD-063
F160-XD100	329	1" BSP	XD-100

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

*Per fori di fissaggio UN contattare l'ufficio commerciale
*For UN thread fixing for holes please contact sales department

Informazioni dimensionali - Overall dimensions

F160-XD160 / 250 / 400



1) Grandezza nominale - Nominal size

Codice - Code	A	B	Cart. ricambio- Element
F160-XD160	289	1" 1/4 BSP / NPT 1" 1/2 BSP / NPT	XD-160
F160-XD250	361		XD-250
F160-XD400	514		XD-400

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

*Per fori di fissaggio UN contattare l'ufficio commerciale
*For UN thread fixing for holes please contact sales department

2) 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 / cellulose	$\beta_{10 \mu\text{m (c)}} \geq 2$

Solo Δp 21 Bar
 Δp 21 Bar (305 psi) only

3) Collasso cartuccia - Element collapse

Codice - Code	Δp (Bar) - Δp (psi)
A	21Bar / 305 psi
B	210Bar / 3045 psi

4) Guarnizioni - Seals

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

5) Connesioni - Connection port

Codice - Code	B	C
B3	1/2" BSP	M10
B4	3/4" BSP	M10
B5	1" BSP	M10
B6	1" 1/4 BSP	M10
B7	1" 1/2 BSP	M10
N3	1/2" NPT	3/8-16 UNC - 2B
N4	3/4" NPT	3/8-16 UNC - 2B
N5	1" NPT	3/8-16 UNC - 2B
N6	1" 1/4 NPT	3/8-16 UNC - 2B
N7	1" 1/2 NPT	3/8-16 UNC - 2B

Su richiesta - On request

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

Codice - Code	Taratura - Setting
0	senza / without
D	6 Bar / 87 psi

7) Predisposizione indicatori - Indicator port options

Codice - Code	Posizione - Position
0	senza / without
T	lavorazione per indicatore lato destro con tappo di chiusura indicator port on the right side with plug
S	lavorazione per indicatore superiore con tappo di chiusura upper indicator port side with plug

Su richiesta - On request

8) Indicatori - Indicator

Codice - Code	Tipo indicatore - Indicator type	Taratura - Setting
0	senza / without	-----
Z30	differenziale visivo differential visual switch	5 Bar 72.5 psi
Z31	differenziale visivo elettrico differential electrical visual	5 Bar 72.5 psi
Z32	differenziale visivo differential visual switch	8 Bar 116 psi
Z33	differenziale visivo elettrico differential electrical visual	8 Bar 116 psi

Codici per l'ordinazione - Ordering information

Filtro completo
Filter assembly

F160-XD	100	G10	A	V	B3	D	S	Z31
	1*	2*	3*	4*	5*	6*	7*	8*

Cartuccia
Filter element

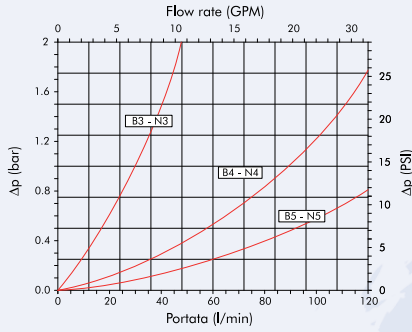
XD	100	G10	A	V
	1*	2*	3*	4*

Curve di portata - Pressure drop charts

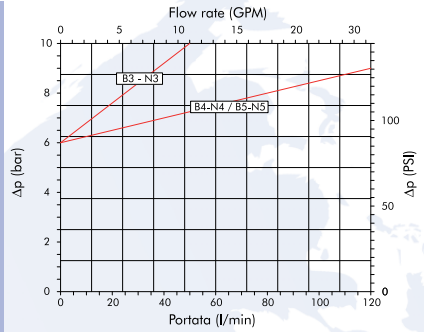
Le curve (secondo ISO 3968 classe B) sono ottenute con olio minerale avente viscosità di 30 cSt e densità di 0,86 Kg/dm³. Per viscosità e densità diverse i dati variano.

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.

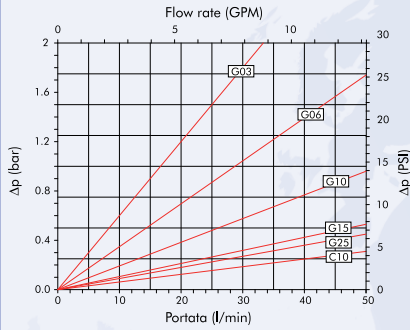
Filtro F100-XD040-063-100
Housing F100-XD040-063-100



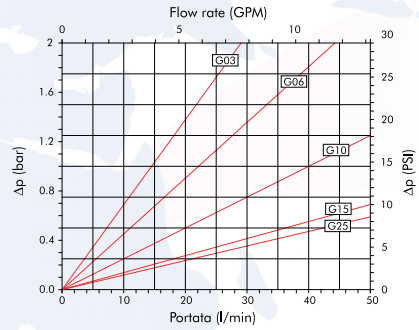
By-pass F100-XD040-063-100
By-pass F100-XD040-063-100



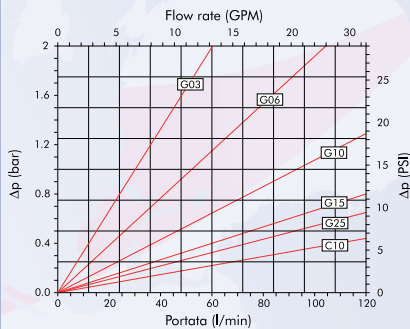
XD-040-....-A



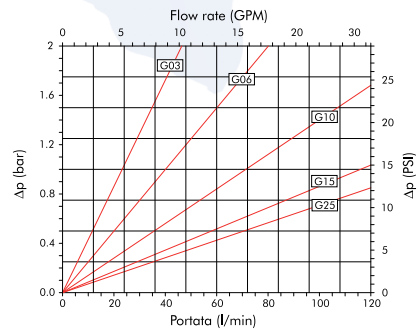
XD-040-....-B



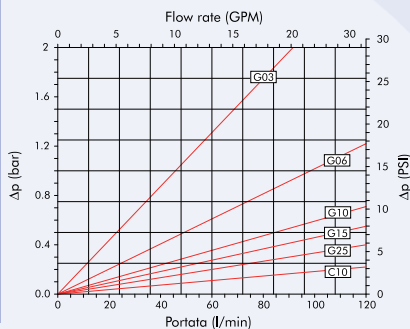
XD-063-....-A



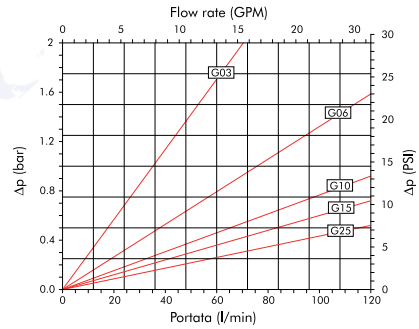
XD-063-....-B



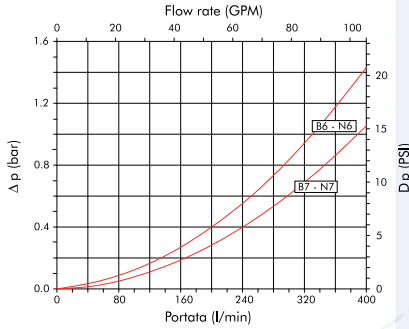
XD-100-....-A



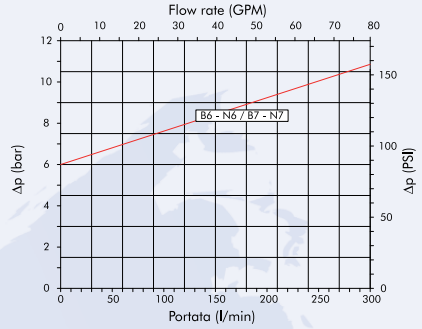
XD-100-....-B



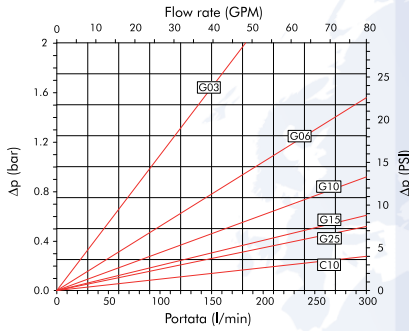
Filtro F160-XD160-250-400
 Housing F160-XD160-250-400



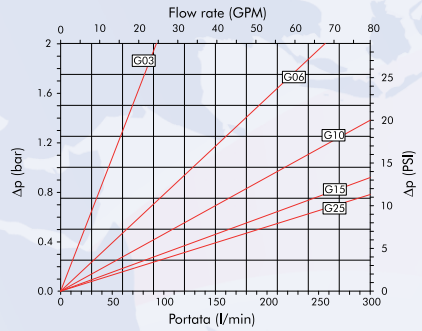
By-pass F160-XD160-250-400
 By-pass F160-XD160-250-400



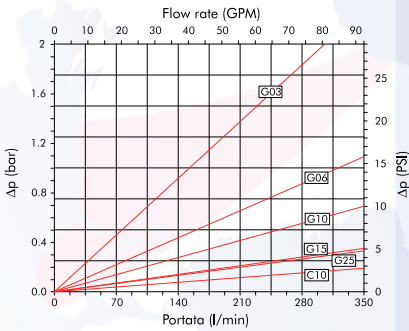
XD-160-...-A



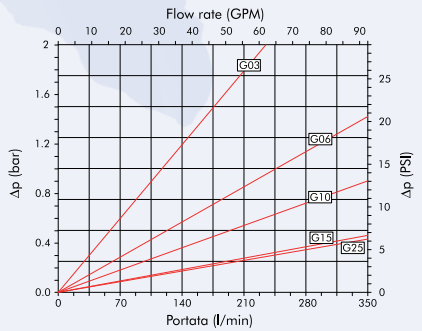
XD-160-...-B



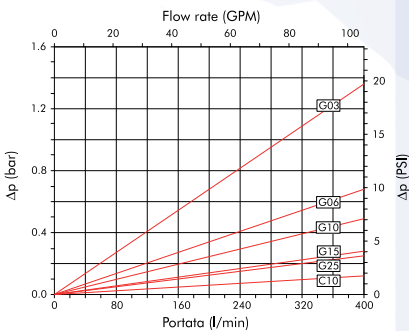
XD-250-...-A



XD-250-...-B



XD-400-...-A



XD-400-...-B

