FILTRAZIONE IDRAULICA
HYDRAULIC FILTRATION

FILTREC®
Technical Filtration

serie
FD-3

FD-3-10


INGRESSO - INLET
USCITA - OUTLET
PREDISPOSIZIONE STANDARD
INDICATORE DIFFERENZIALE
STANDARD DIFFERENTIAL
INDICATOR PORT

FD-3-11


INGRESSO - INLET
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PREDISPOSIZIONE STANDARD
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Serie FD-3

Filtri in linea per le medie pressioni
In linea medium pressure filters

FILTER HOUSING

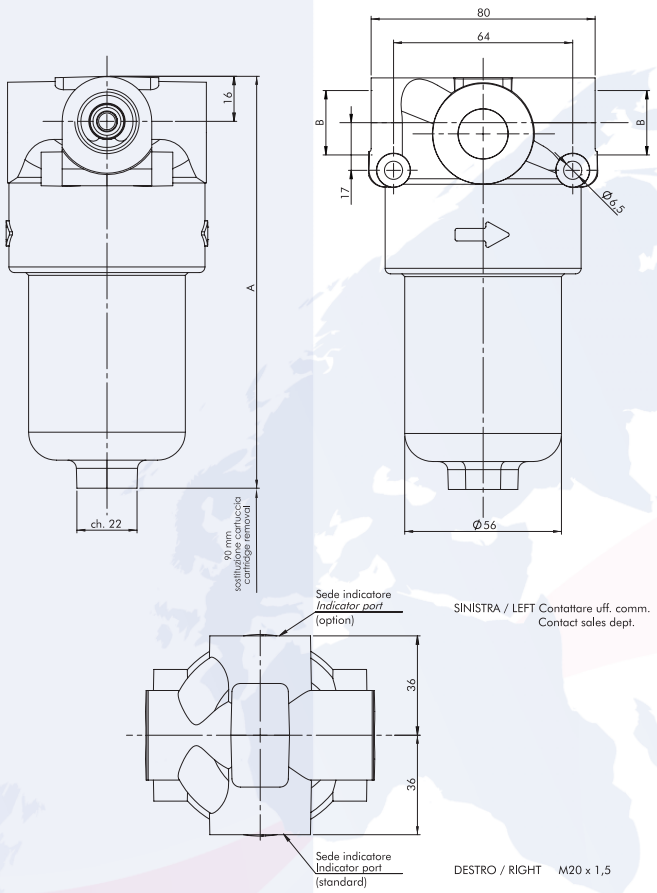
Technical Information

Description:	*In line medium pressure filter assembly with reusable or disposable element.*
Max flow rate:	*40 l/min (10,5 gpm)*
Max working pressure:	*As per NFPA T 3.10.5.1: 110 Bar (1595 psi)*
Test pressure:	*As per NFPA T 3.10.5.1: 160 Bar (2320 psi)*
Burst pressure:	*As per NFPA T 3.10.5.1: 330 Bar (4785 psi)*
Fatigue test:	*≥ 1.000.000 cycles 0-80 Bar, as per NFPA T 3.10.5.1*
Connection Ports:	*BSP, NPT*
By-pass:	*No by-pass or 6 Bar (87 psi) setting*
Indicator:	*Differential visual and differential electrical visual , 5 Bar (72.5 psi) setting.*
Working temperature:	*-25°C +120°C (-13°F +248°F)*
Materials:	• *Head: aluminium* • *Bowl: aluminium* • *Seal: Buna-N / Viton®*
Fluids compatibility:	*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

Filter media:	*Microglass fiber 3,6,10,25 µm* *Cellulose 10,25 µm* *Wire mesh 10, 25, 60, 125 µm*
Collapse pressure:	*as per ISO 2941: 21 Bar (305 psi)*

Informazioni dimensionali - *Overall dimensions*



1) **Grandezza nominale** - *Nominal size*

Codice - *Code*	A	B	Cart. Rcambio - *Repl. Element*
FD-3-10	147	1/2" BSP	D-3-10
FD-3-11	236	1/2" NPT	D-3-11

2) **Grado di filtrazione** - *Filtration ratings*

Codice - *Code*	Materiale - *Media*	Efficienza - *Efficiency*
0	senza cartuccia / *no element*	------
G03	microfibra inorganica / *microglass fiber*	$\beta_{4,5\ \mu m\ (c)} \geq 1000$
G06	microfibra inorganica / *microglass fiber*	$\beta_{7\ \mu m\ (c)} \geq 1000$
G10	microfibra inorganica / *microglass fiber*	$\beta_{12\ \mu m\ (c)} \geq 1000$
G25	microfibra inorganica / *microglass fiber*	$\beta_{27\ \mu m\ (c)} \geq 1000$
C10	carta trattata / *resin impregnated cellulose*	$\beta_{10\ \mu m\ (c)} \geq 2$
C25	carta trattata / *resin impregnated cellulose*	$\beta_{25\ \mu m\ (c)} \geq 2$
T10	tela metallica / *wire mesh*	------
T25	tela metallica / *wire mesh*	------
T60	tela metallica / *wire mesh*	------
T125	tela metallica / *wire mesh*	------

3) Guarnizioni - *Seals*

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

4) Connessioni - *Connection port*

Codice - *Code*	Connessione - *Connection*
B3	1/2" BSP
N3	1/2" NPT

5) Valvola di by-pas - *By-pass valve*

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

6) Predisposizione indicatori - *Indicator port options*

Codice - *Code*	Posizione - *Position*
0	senza / *without*
T	lavorazione per indicatore lato destro - con tappo di chiusura *indicators port on the right side with plug*
D	lavorazione per indicatore lato destro - nessun tappo di chiusura *indicators port on the right side without plug*

7) Indicatori - *Indicator*

Codice - *Code*	Tipo indicatore - *Indicator type*	Efficienza - *Efficiency*
0	senza / *without*	------
Z12	differenziale visivo *differential visual switch*	5 Bar *72.5 psi*
Z13	differenziale visivo elettrico *differential electrical visual*	5 Bar *72.5 psi*

Codici per l'ordinazione - *Ordering information*

Filtro completo
Filter assembly

FD-3

10	G10	A	V	B3	D	T	Z12
1*	2*		3*	4*	5*	6*	7*

Cartuccia
Filter element

D-3

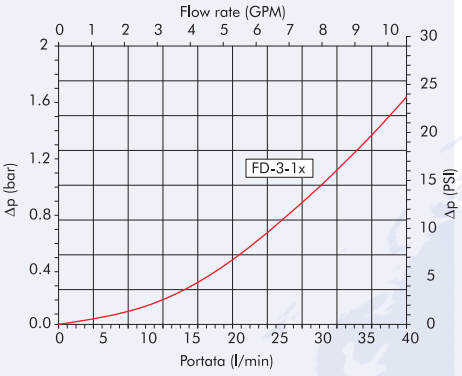
10	G10	A	V
1*	2*		3*

Curve di portata - *Pressure drop charts*

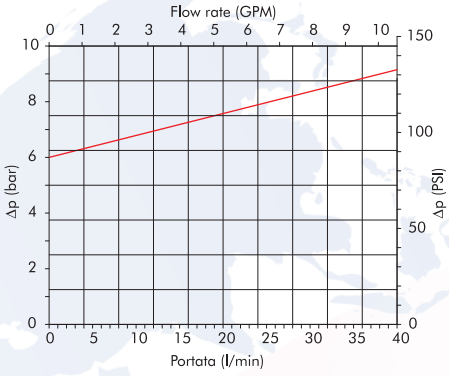
Le curve (secondo ISO 3968 classe B) sono ottenute con olio minerale avente viscosità di 30 cSt e densità di 0,86 Kg/dm³. Per viscosità e densità diverse i dati variano.

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 *Housing*



By-pass



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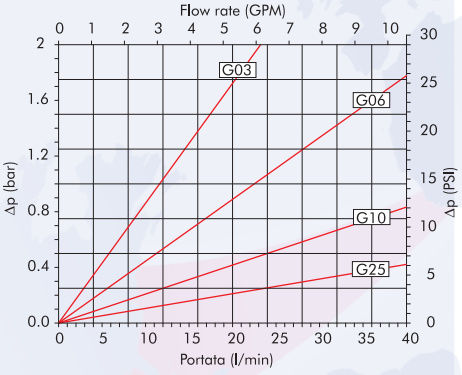

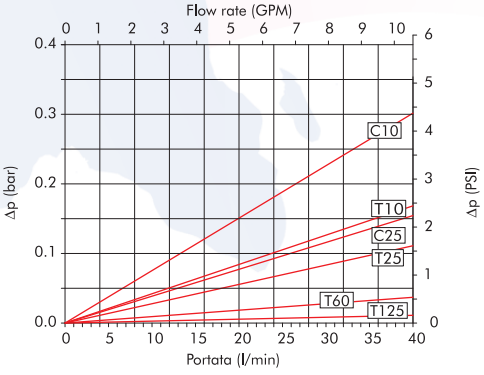

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