



summary

HYDRAULIC



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Every day **our filters and our filter elements efficiently satisfy the filtration requirements** of countless applications all over the world.

Wherever a hydraulic or lubrication system is operating, on fixed or mobile applications, **FILTREC filters and filter elements ensure the correct oil cleanliness to maintain the system's efficiency and reliability.**

Our continuously evolving and expanding range of filter assemblies covers **suction, pressure and return applications**, to effectively solve the contamination control requirements of hydraulic systems.

The performances of our **filter elements are validated by vigorous laboratory tests** performed according to the most recent ISO specifications.

return series (tank top)



FRT SERIES
up to 900 l/min
8 bar
G 1/2" ÷ G 2"
Extension tube
Connection tube
Diffuser
Bypass 1,7 or 3 bar

FR6 SERIES
up to 300 l/min
10 bar
G 3/4" ÷ G 1 1/4"
Extension tube
Connection tube
Diffuser
Dipstick
Air breather
Additional ports
Bypass 1,7 or 3 bar

FRM SERIES
up to 400 l/min
10 bar
G 1 1/4"+G 3/4"+G 1"
Extension tube
Connection tube
Diffuser
Additional ports
Bypass 1,7 or 3 bar

FRP SERIES
up to 300 l/min
10 bar
G 1 1/2"
Extension tube
Connection tube
Diffuser
Dipstick
Air breather
AEB valve 0,4 bar
Bypass 3 bar



FCR7F-1 SERIES
up to 400 l/min
10 bar
G 1"-G 1 1/4"
G 1 1/2"
Bypass 1,7 or 3 bar

FCR7F-2-3 SERIES
up to 1200 l/min
10 bar
G 1" - G 1 1/2"
1 1/4" SAE FLANGE
2" SAE FLANGE
2 1/2" SAE FLANGE
Bypass 1,7 or 3 bar

FVR7F SERIES
up to 3500 l/min
10 bar
Bypass 1,7 or 3 bar

in line series



F040 SERIES
up to 400 l/min
F040 DMD000
5-8-11: 70 bar
G 3/4"
F040 DMD00
15-30-45: 40 bar
G 1 1/4"
No bypass or 3,5 bar

F050 SERIES
up to 400 l/min
50 bar
G 1 1/4"
Bypass inbuilt in the filter element
S version 0,25 bar
3 version 3 bar

F100 SERIES
up to 400 l/min
F100-XD040/
063/100: 100 bar
G 1/2" ÷ G 1"
F100-XD160/
250/400: 80 bar
G 1 1/4" ÷ 1 1/2"
No bypass or 6 bar

FD3 SERIES
up to 50 l/min
110 bar
G 1/2"
No bypass or 6 bar

FH100 SERIES
up to 300 l/min
100 bar
G 1" ÷ G 1 1/4"
ABF or ABF+RF valve
No bypass or 3,5 bar



FH250 SERIES
up to 50 l/min
250 bar
G 1/2"
No bypass or 6 bar

FH320 SERIES
up to 150 l/min
320 bar
G 1/2" ÷ 1" - M22x1,5
No bypass or 6 bar

FH420 SERIES THREADED
up to 500 l/min
up to 420 bar
G 1/2" ÷ G 1 1/2"
Bypass 6 bar
ABF valve
ABF valve+RF valve

FH420 SERIES FLANGED
up to 500 l/min
up to 420 bar
3/4" ÷ 1 1/2"
SAE FLANGE
METRIC SCREWS
Bypass 6 bar
ABF valve

KH420 SERIES
up to 500 l/min
420 bar



FDM SERIES
up to 40 l/min
315 bar
CETOP 03
CETOP 05
No bypass

FML320 SERIES
up to 500 l/min
up to 320 bar
Manifold block mounting
Bypass 6 bar
ABF valve

FDD040 040_400 SERIES
up to 400 l/min
up to 63 bar
G 1" - G 1 1/2"
Bypass 3,5 bar

FDD315 SERIES
up to 400 l/min
up to 315 bar
G 1"
G 1 1/2"
SAE Flange 1 1/2"
Bypass 7 bar

FDD040 630_1000 SERIES
up to 1000 l/min
40 bar
SAE Flange 2 1/2"
Bypass 3,5 bar

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in line series



FLR SERIES
(U5 - RHR - R4)
up to 2600 l/min
30 bar
3" - 4" SAE 3000
FLANGE
No bypass or up to
6 bar



FLRD SERIES
(U5 - RHR - R4)
up to 1600 l/min
16 bar
3" SAE 3000 FLANGE
DIN PN16 DN80
4" SAE 3000 FLANGE
DIN PN16 DN100
No bypass or up to
6 bar



FLC SERIES
350 bar
G 1/4" - G 3/8"
G 1/2"



FHL SERIES
420 bar
G 1/2" - G 3/4"
M22x1,5 - M26x1,5

suction series



FS1 SERIES
from G 3/8" ÷ G 4"
Options:
Bypass 0,25 bar



FS7 SERIES
up to 200 l/min
G 1" - G 1 1/4"
G 1 1/2"
SAE flange 1 1/2"
3000 psi
No bypass or 0,3 bar



FS5 SERIES
up to 100 l/min
G 1 1/4"
No bypass or 0,3 bar

spin on series



FA1 SERIES
12 bar
G 3/4" ÷ G 1 1/2"
Suction:
Bypass 0,25 bar
In line / Return:
No bypass or 1,7 bar



FAH SERIES
up to 17 bar
G 3/4" ÷ G 1 1/4"
Bypass 3,5 bar
FAHD SERIES
up to 14 bar
G 1 1/2" - G 1 1/4" +
1 1/2" SAE Flange
Bypass 3,5 bar



FA2 SERIES
12 bar
G 3/4" ÷ G 1 1/2"
Bypass 1,7 bar



FA4 SERIES
up to 250 l/min
up to 35 bar
G 3/4" ÷ G 1 1/4"
No bypass or 3,5 bar



FA5 SERIES
up to 250 l/min
24 bar
G 1 1/4"
No bypass

fluid management



FUH015 SERIES
Hydraulic oil transfer
and filtration portable
unit
15 l/min



FUH050/100 SERIES
Transfer and filtration
portable unit
FUH050: 50 l/min
FUH100: 100 l/min



FUVD040 SERIES
Oil vacuum dehydrator
and filtration unit
40 l/min



FMSC SERIES
Particles counter
monitor
420 bar
ISO 4406
SAE AS4059
NAS 1638
GOST 17216



FMSS SERIES
Moisture and
temperature sensor
50 bar
0 ÷ 100% r.H.
-20 °C +120 °C

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notes

accessories



AIR FILTER AND FILLER BREATHERS

Wide range of air filter and filler breathers offers the suitable solution to various requirements.

FL SERIES

Visual, electric fluid level gauge
With or without thermometer

CLOGGING INDICATORS

Visual, electric pressure or differential indicator



FBD SERIES

Desiccant breathers
Air filtration $3\mu\text{m}$ absolute



FBM SERIES

Pressurized air breather filters, with replaceable filter element



www.filtrec.com