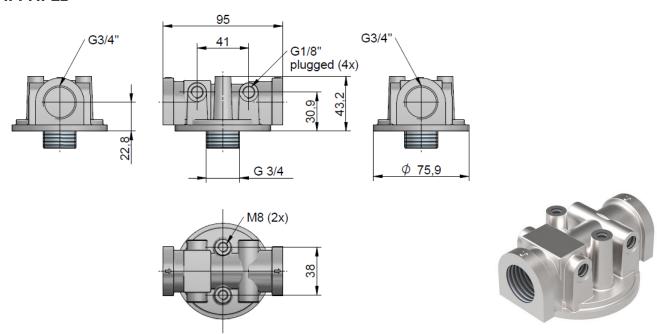
Fluid Controls/Filter Spin On Filter Head HFFHFL



Our spin on filter program offers a wide range and variety for mobile and stationary filter applications. Choose from different filter ratings with either cellulose or mesh filter media. The spin on filters can be used for usual spare parts in the aftermarket, OEM use with our smart cooler integration (as a rail filter, see page 3) or in combination with our standard filter head, see following pages.

HFFHFL1



Technical Data

order number	description	pressure max.	BP relief pressure	weight
		[bar]	[bar]	[kg]
HFFHFL1I00	Spin on filter head, size 1, G 3/4"	12	1,75	0,23
HFFHFL1SI00	Spin on filter head, size 1, G 3/4" suction	12	0.35	0.23

M	ate	erı	aı	s

	housing	aluminium
Temp	erature	
	working temperature (NBR)	-25°C to +110°C
Press	ure	
	max. working pressure	12 bar

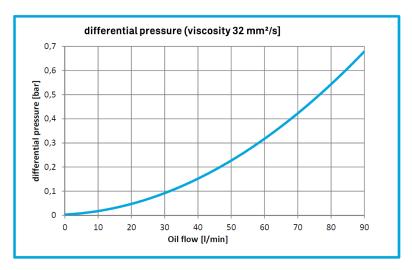
Compatibility

mineral oils

Options

Contact us for any optional visual clogging indicators or suitable pressure switches

Pressure drop of filter head



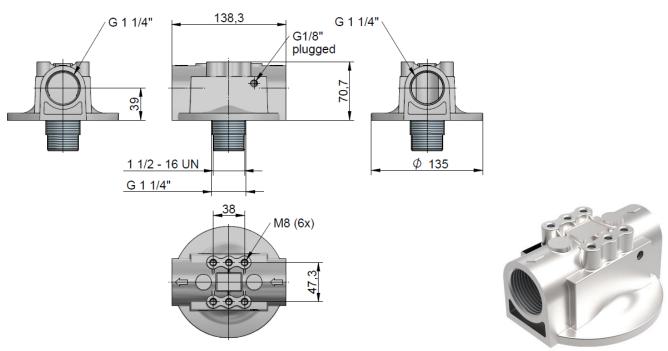
This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually, as assumes no liability for any information therein, any errors, omissions, misprints on or any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to assa testing procedures or calculated, based on such tests. Due to different conditions in testing and application environments the performance may also vary by +/- 15%. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is a last or tue for vibrations and mechanical stress as well as for pressure peaks and thermatical stress and any other relevant factors. General tolerances according to DIN ISO 2768-vL, General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3002-1 (class M4-F+C). The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point outthat any data sheet and corresponding scale drawing is no substitution for the manual.

DOHFFHFL-in-revO*

Fluid Controls/Filter Spin On Filter Head HFFHFL



HFFHFL2

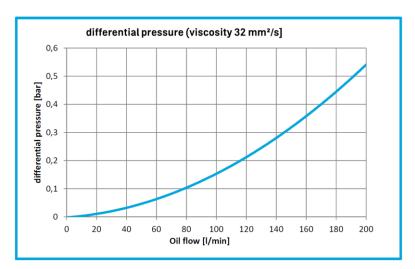


Technical Data

order number	description	pressure max.	BP relief pressure	weight
		[bar]	[bar]	[kg]
HFFHFL2I00	Spin on filter head, size 2, G 1 ¼"	12	1,75	0,84
HFFHFL2SI00	Spin on filter head, size 2, G 1 1/4" suction	12	0,35	0,84

Materials		Compatibility		
housing	aluminium	mineral oils		
Temperature		Options		
working temperatu	re (NBR) -25°C to +110°C	Contact us for any optional visual clogging indicators		
Pressure		or suitable pressure switches		
max. working press	sure 12 bar			

Pressure drop of filter head



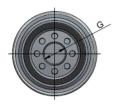
This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually, as assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures or calculated, based on such tests. Due to different conditions in testing and application environments the performance may also vary by +/- 15%. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is also truefor vibrations and mechanical stress as well as for pressure peaks and thermal stress any other relevant factors. General tolerances according to 150 8080-2 (OCTG 10). Tolerances for rubber parts are according to 150 3030-1 (class 3030-1 class 3030-1 class

Fluid Controls/Filter Spin On Filter Element HFFHFLE











Technical Data

order number*	description	А	В	G	pressure max.	weight
		[mm]	[mm]	BSP	[bar]	[kg]
HFFHFLE11B06WNCDKI	Spin filter element 92,6x146 G3/4" 25 µm	92,6	146	3/4"	12	0,5
HFFHFLE12B06WNCDKI	Spin filter element 92,6x191 G3/4" 25 µm	92,6	191	3/4"	12	0,7
HFFHFLE21B10WNCDKI	Spin filter element 129x181 G1 ¼" 25 µm	129	181	1 1/4"	12	1,1
HFFHFLE22B10WNCDKI	Spin filter element 129x240 G1 ¼" 25 µm	129	240	1 1/4"	12	1,3

^{*}Shown products are 25 µm selection, for further options please look on the following tables.

Materials

filter housing	steel
Temperature	
working temperature (NBR)	-25°C to +110°C

Pressure

max. working pressure	12 bar

Compatibility

Full with fluids: HH-HL-HM-HV-HTG (according to ISO 6743/4)

Order Number Code/Options



1 Product Series HF Hydraulic filters 2 Design Type FHFL Spin on filter 3 Type E filter element 4 Filter size x length 11 Ø92,6 x 146 mm 12 Ø92,6 x 191 mm Ø129 x 181 mm 21 Ø129 x 240 mm

5 Port Type BSP UN/UNF U 6 Port size of element 34" BSP (only filter size 11&12) 1 1/4" BSP (only filter size 21&22) 10 1"-12 UNF (only filter size 11&12) 7 Bypass valve no bypass

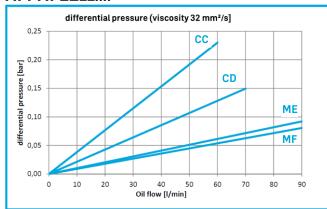
8 Seals	
N	NBR
F	FKM
9 Filter me	edia
CC	cellulose 10 µm
CD	cellulose 25 µm
ME	metal wire mesh 60 µm
MF	metal wire mesh 90 µm
10 Options	}
KI	standard India delivery

Fluid Controls/Filter Spin On Filter Element HFFHFLE

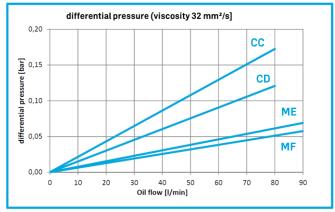


Pressure drop of filter element

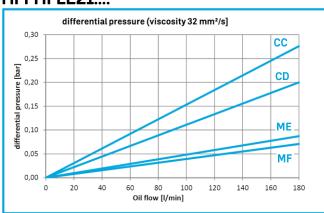
HFFHFLE11....



HFFHFLE12.....



HFFHFLE21....



HFFHFLE22.....

