

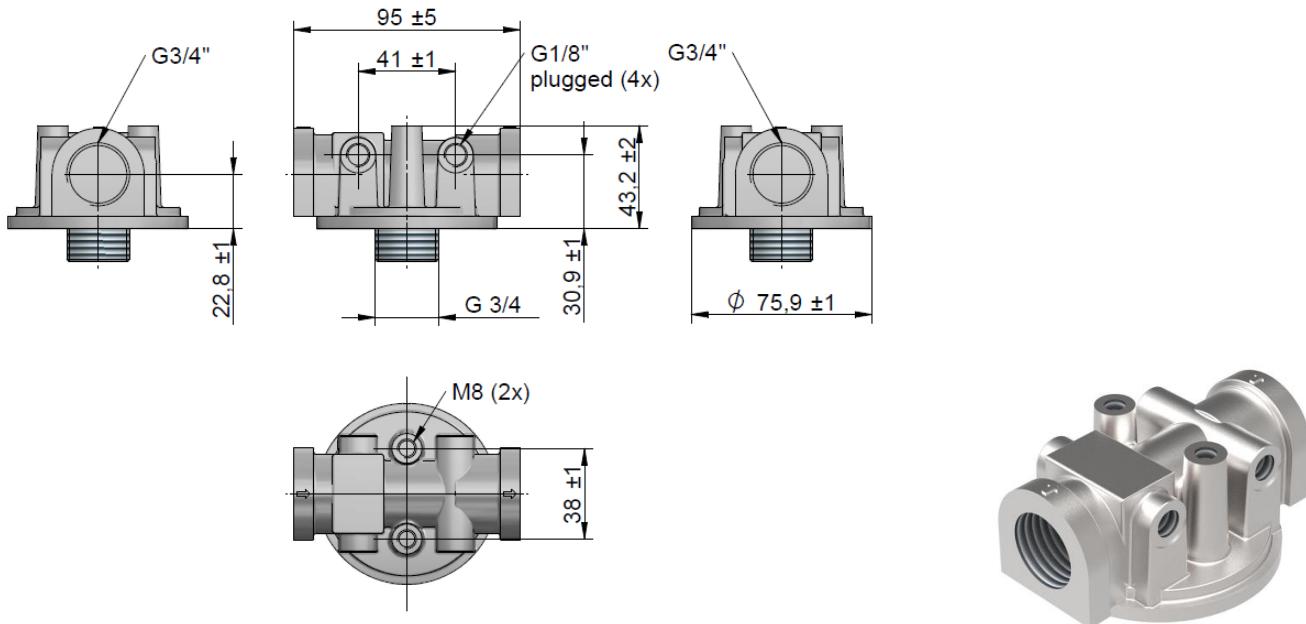
# Fluid Controls/Filter

## Spin On Filter Head HFFHFL

asa //

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 (asa 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]
HFFHFL1K	Spin on filter head, size 1, G 3/4"	12	1,75	0,23
HFFHFL1SK	Spin on filter head, size 1, G 3/4" suction	12	0,35	0,23

#### Materials

housing	aluminium
sealing bypass	NBR

#### Temperature

working temperature	-25°C to +100°C
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#### Pressure

max. working pressure	12 bar
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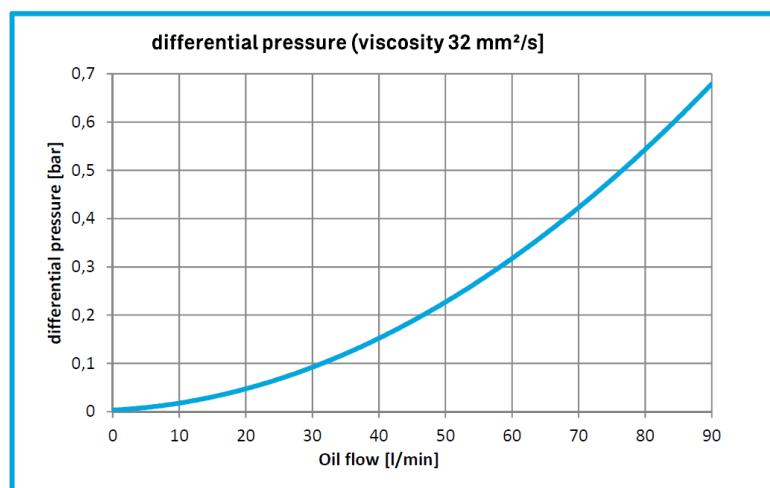
#### Compatibility

mineral oils
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#### Options

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

### Pressure drop of filter head



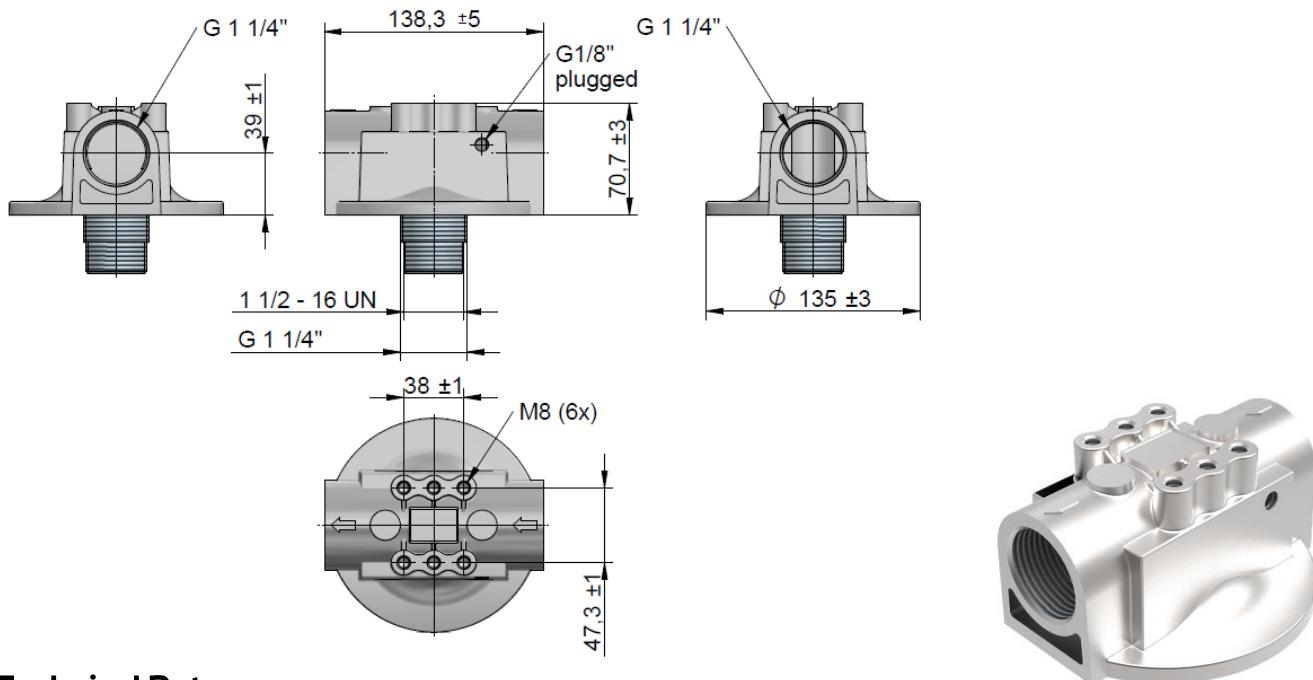
This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually, asa 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 true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-6L, General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (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 out that any data sheet and corresponding scale drawing is no substitution for the manual.

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1/4

### HFFHFL2



### Technical Data

order number	description	pressure max.	BP relief pressure	weight
HFFHFL2K	Spin on filter head, size 2, G 1 ¼"	[bar]	[bar]	[kg]
HFFHFL2SK	Spin on filter head, size 2, G 1 ¼" suction	12	1,75	0,86
			0,35	0,86

### Materials

housing	aluminium
sealing bypass	NBR

### Temperature

working temperature	-25°C to +100°C
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### Pressure

max. working pressure	12 bar
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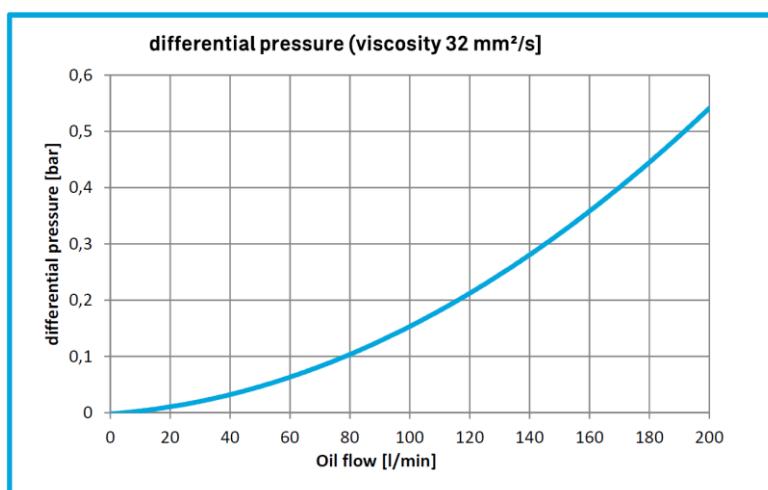
### Compatibility

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, asa 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 true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-6L, General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (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 out that any data sheet and corresponding scale drawing is no substitution for the manual.

DD-HFFHFL-en-rev2

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2/4

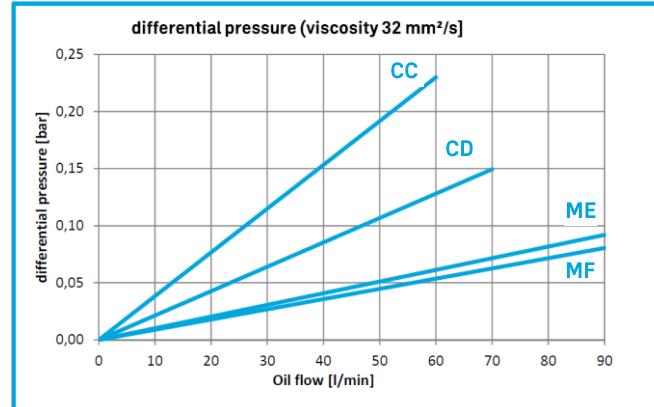


# Fluid Controls/Filter

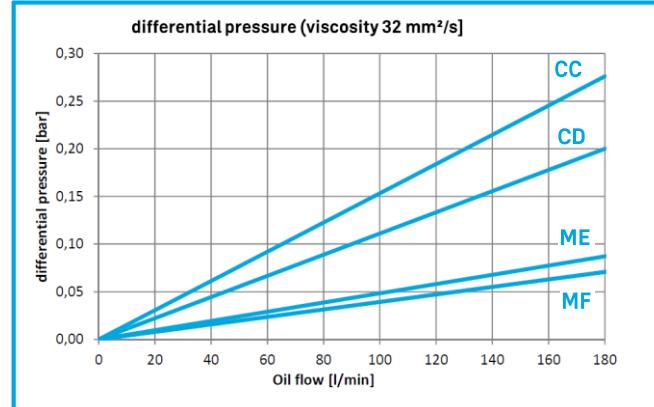
## Spin On Filter Element HFFHFL

### Pressure drop of filter element

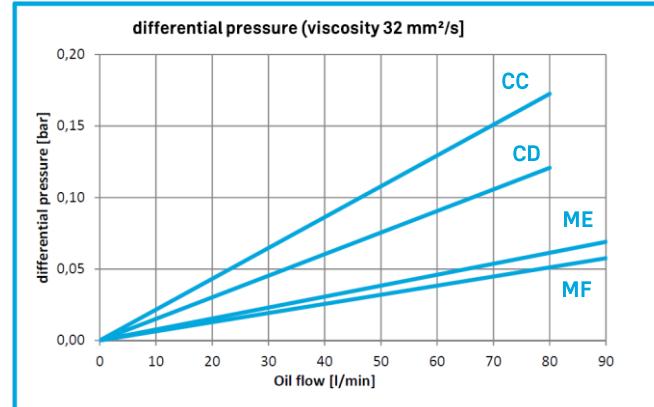
**HFFHFL11....**



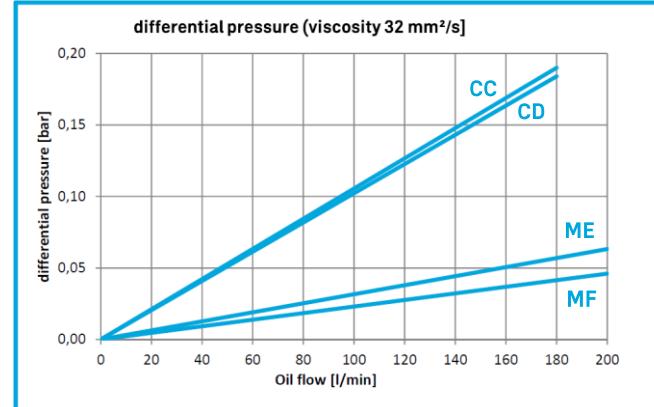
**HFFHFL21....**



**HFFHFL12.....**



**HFFHFL22....**



## Options

### Filtration

We offer an optional spin on filter kit to mount on the outlet port in combination with our hydraulic rail connection system, see below.

spin on filter kit	ILLZRF11G2010 (10µm, 60lpm)
BSP 3/4"	ILLZRF11G2025 (25µm, 60lpm)
	ILLZRF12G2010 (10µm, 100lpm)
	ILLZRF12G2025 (25µm, 100lpm)
clogging indicator	electric, optical
temperature switches	ILLZTH5069K, ILLZTH4765K
	ILLZTH6065K



Contact us for complete data sheet of this filter integration system.