

Part number:

**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA  
SYSTEMS**

UKŁADY HYDRAULICZNE

**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

# FAM

## SUCTION FILTERS

### DESCRIPTION

Suction strainer

### MATERIALS

Connector: Aluminum  
Internal core: Zinc plated steel  
End cap: Zinc plated steel

### PRESSURE

Collapse, differential: 100 kPa (1 bar)

### BYPASS VALVE

Setting: 30 kPa (0,3 bar)  
(not available for FAM130-150)

### FLOW RATE

Qmax 600 l/min

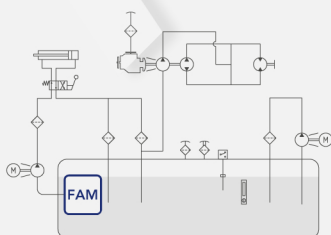
### WORKING TEMPERATURE

From -25° to +110° C

### COMPATIBILITY (ISO 2943)

Full with fluids: HH-HL-HM-HR-HV-HTG  
(according to ISO 6743/4)  
For fluids different than the above mentioned,  
please contact our Customer Service.

### HYDRAULIC DIAGRAM



Is this datasheet the latest release? Please check on our website



# FAM

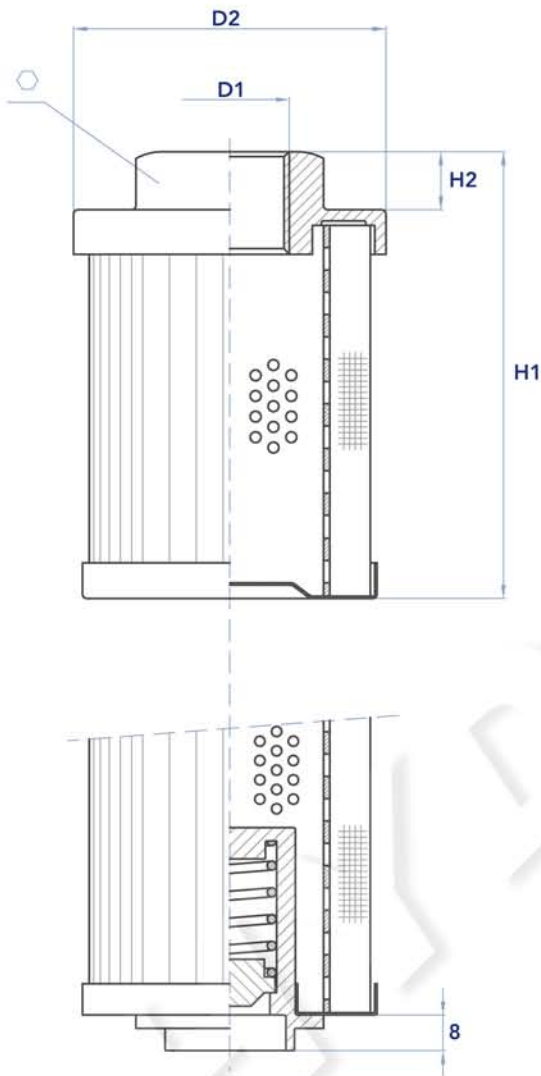
## SUCTION FILTERS

### ORDERING AND OPTION CHART (SOFIMA CODIFICATION)

F	A	M	FILTER ELEMENT FAMILY																				
SIZE & LENGTH			003	004	006	008	011	013	015	020	025	030	040	043	045	050	060	065	075	080	115	130	150
<b>FormulaUFI MEDIA</b>																							
MS = FormulaUFI.WEB 60 µm			MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
MN = FormulaUFI.WEB 90 µm			MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN
DC = FormulaUFI.WEB 250 µm			DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC
<b>X SEALS</b>																							
X = not available			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>BYPASS VALVE</b>																							
S = without			S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
A = bypass valve 300 kPa (0,3 bar)			A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	-
<b>B PORTS</b>																							
B = BSP			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
<b>PORT SIZE</b>																							
2 = 3/8"			2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 = 1/2"			-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 = 3/4"			-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 = 1"			-	-	-	-	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 = 1" 1/4			-	-	-	-	-	-	-	6	6	-	6	-	-	-	-	-	-	-	-	-	-
7 = 1" 1/2			-	-	-	-	-	-	-	-	-	7	-	7	7	-	-	-	-	-	-	-	-
8 = 2"			-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	-	-	-	-	-
9 = 2" 1/2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
A = 3"			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-
B = 3" 1/2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B	-
C = 4"			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	C
<b>ACCESSORIES</b>																							
S = without			S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
<b>QUANTITY PER BOX</b>																							
(only S version, without bypass)			24	24	15	15	15	15	12	6	12	6	6	6	12	6	6	6	6	6	1	1	1



## INSTALLATION DRAWING



## SUCTION STRAINER

	D1	D2	H1	H2	⬡	Kg	Area (cm <sup>2</sup> ) Media M+
FAM003	3/8"	52	80	10	30	0,14	240
FAM004	1/2"	52	80	10	30	0,20	285
FAM006	1/2"	71	100	13	42	0,60	495
FAM008	3/4"	71	100	13	42	0,26	495
FAM011	3/4"	71	145	13	42	0,29	770
FAM013	1"	71	145	13	42	0,23	770
FAM015	1"	96	100	13	60	0,37	590
FAM020	1"	96	135	13	60	0,54	840
FAM025	1" 1/4	96	100	13	60	0,42	590
FAM030	1" 1/4	96	220	13	60	0,65	1450
FAM040	1" 1/2	96	220	13	60	0,60	1450
FAM043	1" 1/4	96	135	13	75	0,50	840
FAM045	1" 1/2	140	115	13	75	1,44	1160
FAM050	1" 1/2	140	155	13	75	1,50	1640
FAM060	2"	140	155	13	75	1,42	1640
FAM065	2"	140	215	13	75	1,37	2360
FAM075	2"	140	265	13	75	1,33	2960
FAM080	2" 1/2	140	277	25	101	1,35	2960
FAM115	3"	140	325	25	101	1,28	3255
FAM130	3" 1/2	180	390	35	140	2,87	6600
FAM150	4"	180	440	35	140	2,79	7545



# FAM

## SUCTION FILTERS



### MAINTENANCE

The best time to change your filter element is just before it reaches its maximum dirt-holding capacity. When it is time to change the filter element, switch off the system before opening the tank.

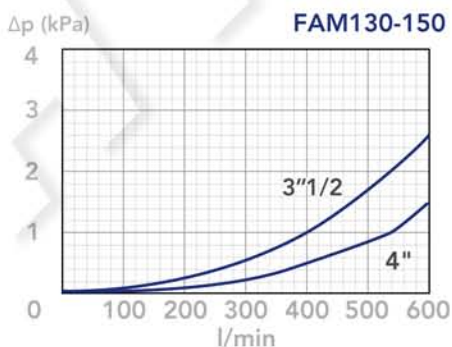
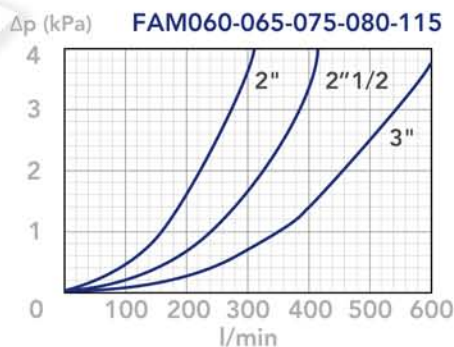
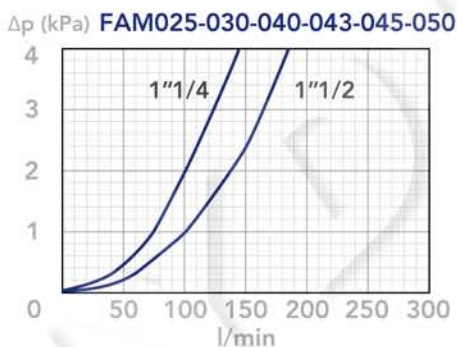
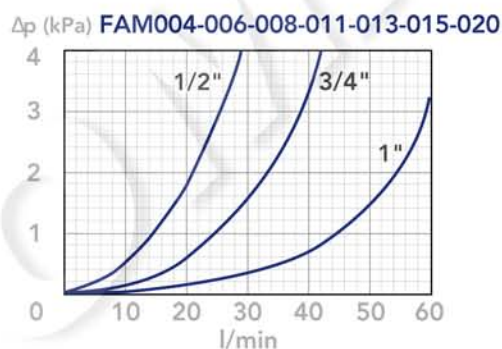
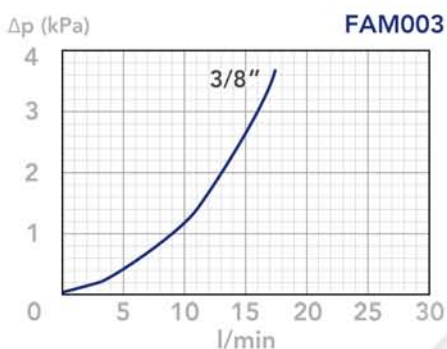
Remove the dirty filter element and replace it with an original UFI Hydraulics element, verifying the part number on the filter cap or in the ordering and option chart. Close the tank.

N.B. The exhausted filter elements and the oil dirty filter parts are classified "Dangerous waste material" and must be disposed according to the local laws, by authorized Companies.

We recommend the stocking of a spare UFI Hydraulics filter element for timely replacement when required.

### PRESSURE DROP CURVES ( $\Delta p$ )

The Pressure Drop ( $\Delta p$ ) must be lower than 3 kPa (0,03 bar).



### N.B.

All the curves have been obtained with mineral oil having a kinematic viscosity 30 cSt and specific gravity 0,86 kg/dm<sup>3</sup>; for fluids with different features, please consider the factors described in the first part of this catalogue. All the curves

are obtained from test done at the UFI FILTERS HYDRAULICS Laboratory, according to the specification ISO 3968. In case of discrepancy, please check the contamination level, viscosity and features of the fluid in use.