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

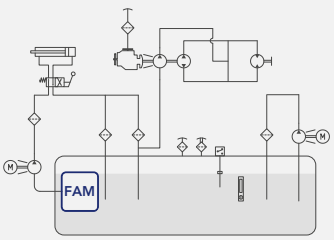
From -25° to +110° C

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



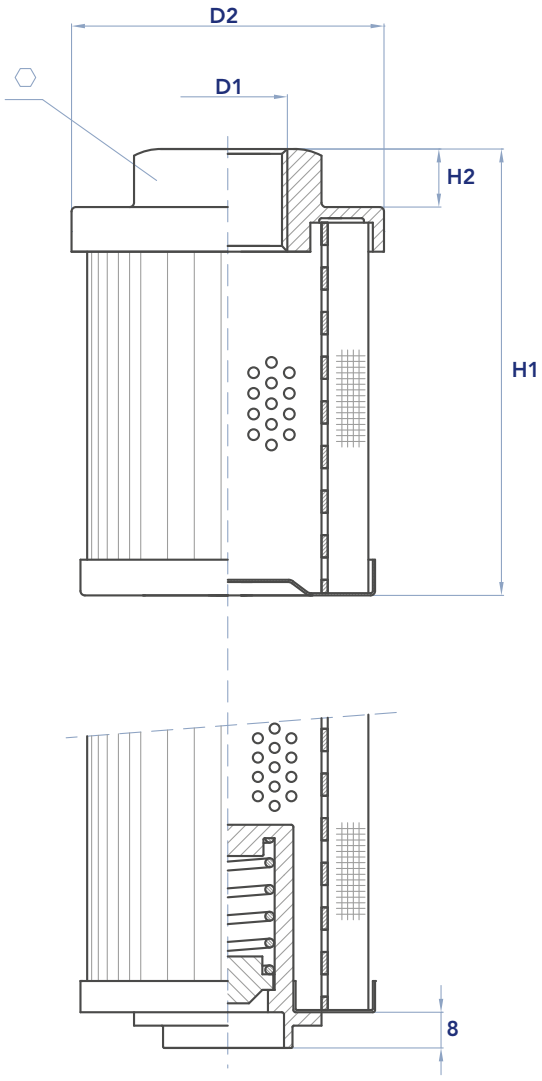
FAM
SUCTION FILTERS

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**
			FormulaUFI MEDIA																					
			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
		X	**SEALS**																					
			X = not available	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			BYPASS VALVE																					
			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	-	-	
		B	**PORTS**																					
			B = BSP	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
			PORT SIZE																					
			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	
			ACCESSORIES																					
			S = without	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
			QUANTITY PER BOX																					
			(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

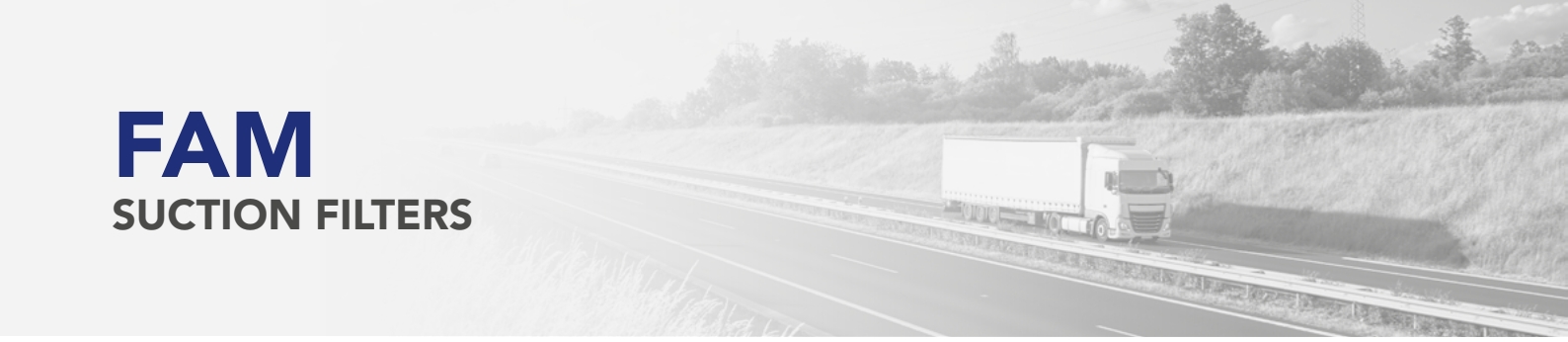


INSTALLATION DRAWING



SUCTION STRAINER

	D1	D2	H1	H2	⬡	Kg	Area (cm²) 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

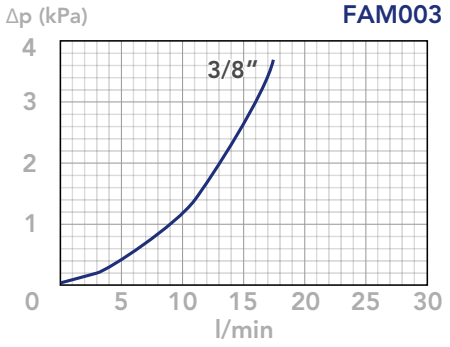
The best time to change your filter element is just before it reaches its maximum dirt-holding capacity. When it is time to change the filter element, switch off the system before opening the tank.
Remove the dirty filter element and replace it with an original UFI Hydraulics element, verifying the part 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.

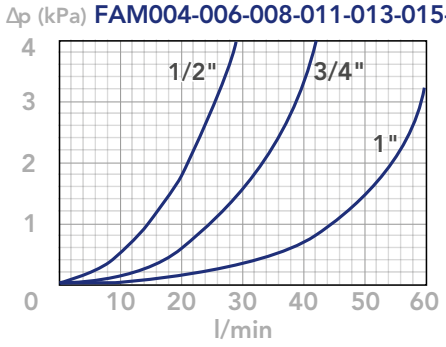
PRESSURE DROP CURVES (ΔP)

The Pressure Drop (Δp) must be lower than 3 kPa (0,03 bar).

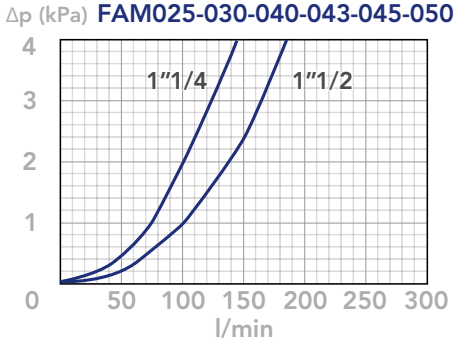
FAM003



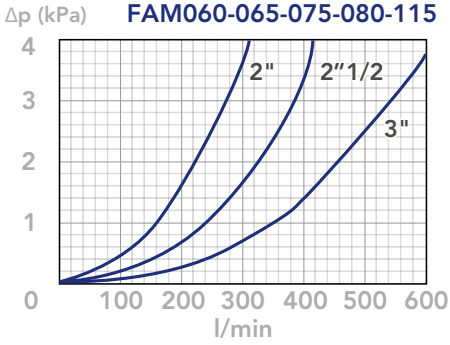
FAM004-006-008-011-013-015-020



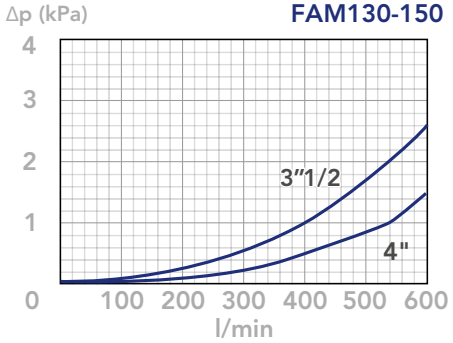
FAM025-030-040-043-045-050



FAM060-065-075-080-115



FAM130-150



N.B.

All the curves have been obtained with mineral oil having a kinematic viscosity 30 cSt and specific gravity 0,86 kg/dm^3; 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.