FLA
PRESSURE FILTERS

DESCRIPTION

Inline high pressure last chance filter

MATERIALS

Housing: Aluminum
Seals: NBR Nitrile

PRESSURE

Max. working: 21 MPa (210 bar)
Collapse, differential for the filter element:
8 MPa (80 bar)

FLOW RATE

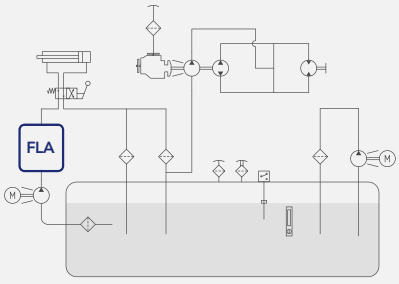
Qmax 35 l/min

WORKING TEMPERATURE

From -25° to +110° C

COMPATIBILITY (ISO 2943)

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



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

FLA
PRESSURE FILTERS

ORDERING AND OPTION CHART

F	L	A	**COMPLETE FILTER FAMILY**		**FILTER ELEMENT FAMILY**	E	L	A
			SIZE & LENGTH	**11**	**SIZE & LENGTH**			
		B	**PORT TYPE**					
			B = BSP thread	B				
			PORT SIZE					
			03 = 3/8"	03				
			04 = 1/2"	04				
		W	**BYPASS VALVE**					
			W = without	W				
			SEALS		**SEALS**			
			N = NBR Nitrile	N				
			F = FKM Fluoroelastomer	F				
			FormulaUFI MEDIA		**FormulaUFI MEDIA**			
			MD = FormulaUFI.WEB 30 µm	MD				
			ME = FormulaUFI.WEB 60 µm	ME				
			MF = FormulaUFI.WEB 90 µm	MF				
			MG = FormulaUFI.WEB 250 µm	MG				
0	0		**CLOGGING INDICATOR**					
			00 = without predisposition	00				
X	X		**ACCESSORI / ACCESSORIES**					
			XX = without accessories	XX				

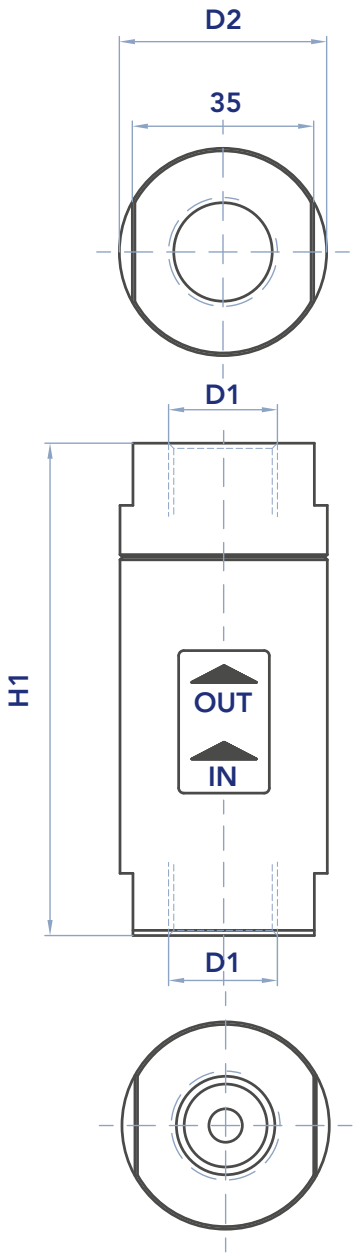
SPARE PARTS

FILTER HOUSING	FILTER ELEMENT
	
B L A 1 1 B ■ ■ W ■ X X 0 0 X X	E L A

SPARE SEAL KIT

	NBR	FKM
FLA11	021.0205.2	021.0206.2

INSTALLATION DRAWING



FILTER HOUSING

	D1	D2	H1	kg
FLA11	3/8" - 1/2" BSP	40,0	95,0	0,24

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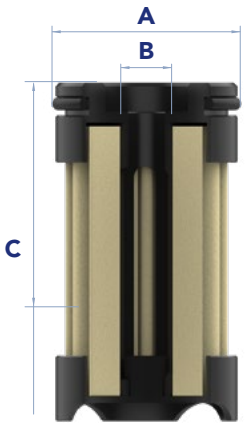
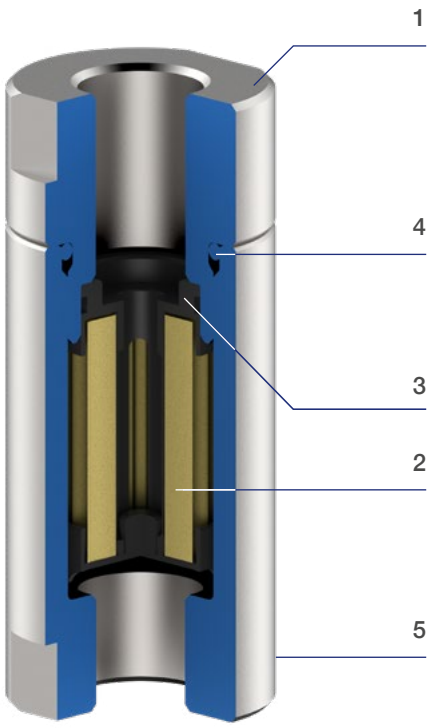
FILTER ELEMENT

	A	B	C	Kg	AREA (cm²) Media M+
ELA11	25	7	47	0,04	72



MAINTENANCE

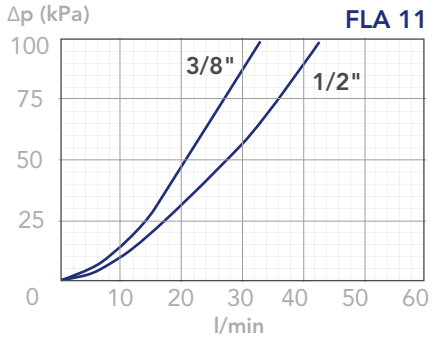
1) Stop the system and verify there is no pressure in the filter.
2) Collect the oil inside the filter with a suitable container.
3) Unscrew the plug (1).
4) Remove the dirty filter element (2).
   N.B. The exhausted filter elements and the oil dirty filter parts are classified “Dangerous waste material” and must be disposed of according to the local laws, by authorised Companies.
5) Check the filter element part number on the filter label or in the ordering and option chart.
   Use only original spare parts.
6) Lubricate the element o-ring gasket (3) with oil.
7) Insert the clean element into the plug (1) with care.
8) Check the housing o-ring condition (4) and lubricate with oil. If damaged, check the seal kit part number in the spare seal kit table.
9) Screw the plug (1) on the housing (5) it stops, with a tightening torque of 45 Nm +5/0.



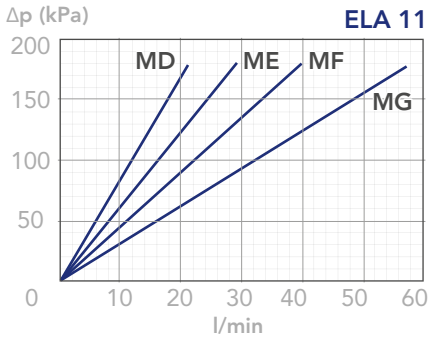
PRESSURE DROP CURVES (Δp)

The “Assembly Pressure Drop (Δp)” is obtained by adding the pressure drop values of the Filter Housing and of the Clean Filter Element corresponding to the considered Flow Rate and it must be lower than 120 kPa (1,2 bar).

FILTER HOUSING PRESSURE DROP
(mainly depending on the port size)



CLEAN FILTER ELEMENT PRESSURE DROP WITH M+ MEDIA
(depending both on the internal diameter of the element and on the filter media)



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 3968:2005. In case of discrepancy, please check the contamination level, viscosity and features of the fluid in use.