FLC SERIES

Pressure filters

"Last Chance" type filters for protection of the tractor's hydraulic system from the contaminant coming from the auxiliary devices.

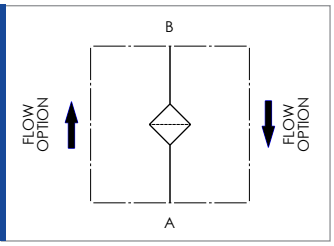


HOUSING	tested according to NFPA T3.10.5.1, ISO 10771, ISO 3968	
PRESSURE:	max operating 350 bar	
CONNECTION PORTS:	G 1/4" - G 3/8" - G 1/2"	
MATERIALS:	Housing:	Anodized aluminium alloy
	Seals:	NBR

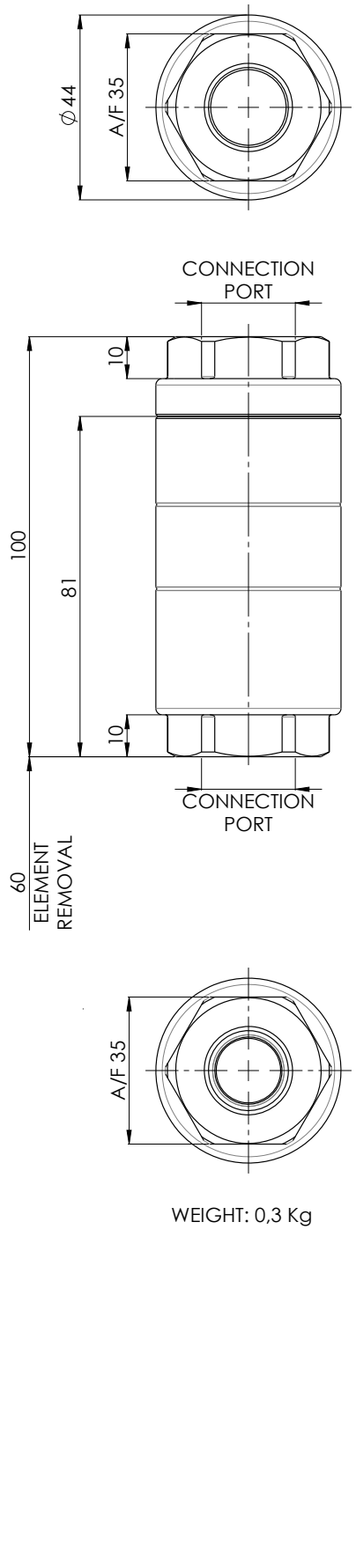
ELEMENT	tested according to ISO 2941, 2942, 2943, 3968, 23181
FILTER MEDIA:	S25 - S50
COLLAPSE PRESSURE:	80 bar

TEMPERATURE RANGE:	-30 °C to +100 °C
FLUID COMPATIBILITY:	Full with HH-HL-HM-HV HETG-HEES (acc. to ISO 6743/4). For use with other fluid please contact Filtrec Customer Service (info@filtrec.it).

HYDRAULIC SYMBOL



OVERALL DIMENSIONS



WEIGHT: 0,3 Kg

ORDERING INFORMATION

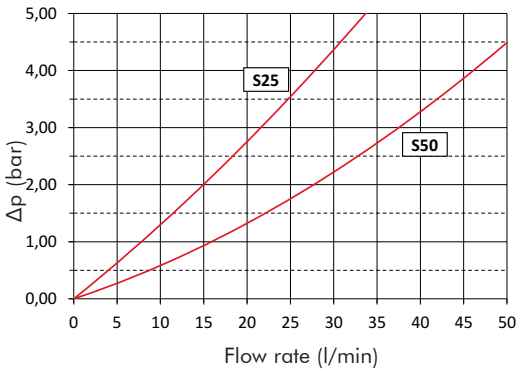
	1.	2.	3.	4.	5.
	FLC	**1**	**S25**	**B**	**B3**
SPARE ELEMENT	**ELC**	**1**	**S25**	**B**	

1. FILTER SERIES	FLC	
2. FILTER SIZE	1	
3. FILTER MEDIA	S25	syntered bronze 25 μm
	S50	syntered bronze 50 μm
4. SEALS	B	NBR
5. CONNECTION PORTS	B1	G 1/4"
	B2	G 3/8"
	B3	G 1/2"

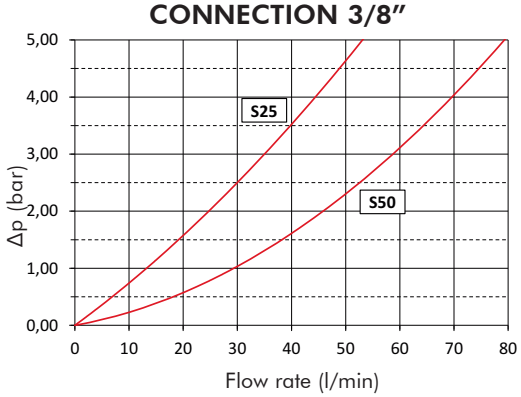
PRESSURE DROP (Δp) INFORMATION FOR FILTER SIZING

The maximum recommended total Δp for FLC filters is 2 bar with a clean element at a viscosity of 32 cSt*.
The total Δp is given by the curve of the considered model and port, in correspondence of the flow rate value.

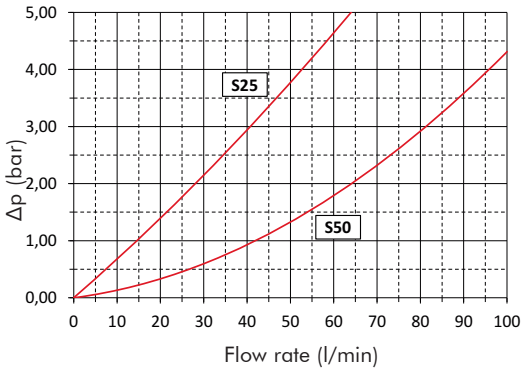
CONNECTION ¼"



CONNECTION 3/8"



CONNECTION ½"



N.B. All the reported data have been obtained at our laboratory, according to specification ISO3968 with mineral oil having 32 cSt viscosity and density 0,875 Kg/dm^3.

USER TIPS



1. FILTER HEAD
2. SEAL KIT
3. FILTER ELEMENT
4. FILTER BOWL

SPARE SEAL KIT PART NUMBER (2)
NBR
06.021.00280

TIGHTENING TORQUE
90 Nm

WARNING

⚠ Make sure that Personal Protective Equipment (PPE) is worn during installation and maintenance operation.

DISPOSAL OF FILTER ELEMENT

⚠ The used filter elements and the filter parts dirty of oil are classified as "Dangerous waste material": they must be disposed according to the local laws by authorized Companies.

INSTALLATION

⚠ 1. Verify that no tension is present on the filter after mounting.
2. Enough space must be available for filter element replacement.
⚠ 3. Never run the system with no filter element fitted.
4. Keep in stock a spare FILTREC filter element for timely replacement when required.
5. Filter housing should be earthed.

OPERATION

⚠ 1. The filter must work within the operating conditions of pressure, temperature and compatibility given in the first page of this data sheet.
2. Replace the element according to the system manufacturer's recommendations.

MAINTENANCE

⚠ 1. Make sure that the system is switched off and there is no residual pressure in the filter.
2. Unscrew the filter bowl (4) by turning it anti-clockwise and remove it.
3. Remove the dirty filter element (3).
4. Clean carefully the filter bowl (4); check the seals (2) conditions and replace if necessary.
5. Before fitting a new FILTREC element (3), verify the part number, particularly concerning the micron rating; then insert the element into the filter bowl (4).
6. Lubricate the filter bowl (4) thread and screw it by hand in the filter head (1) by turning it clock wise.
7. Screw in the bowl to stop.
⚠ 8. The used filter elements cannot be cleaned and re-used.

FILTREC®

www.filtrec.com

Technical information may change without notice

CT88-rev.10/26