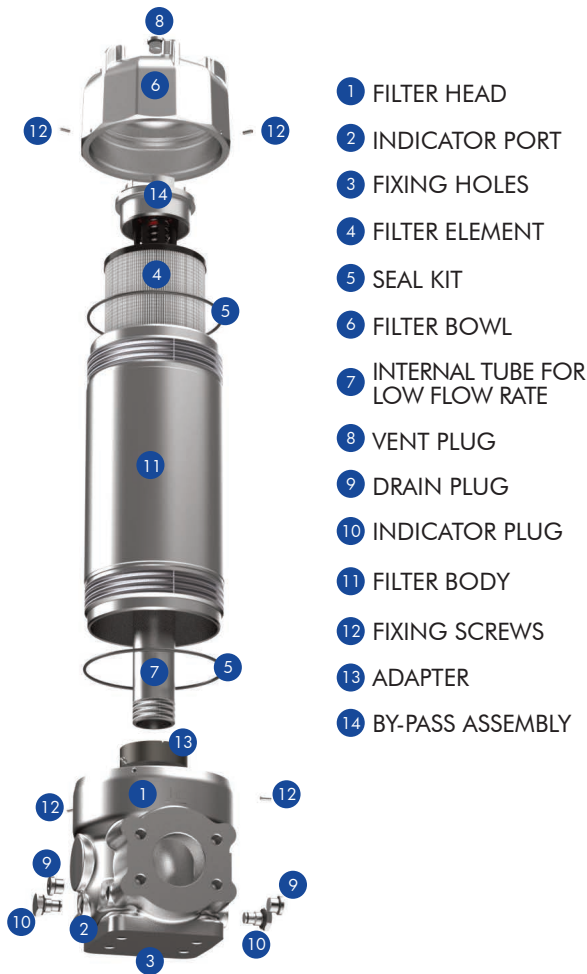


FLR-R4 SERIES

In line medium pressure filters



USER TIPS



- 1 FILTER HEAD
- 2 INDICATOR PORT
- 3 FIXING HOLES
- 4 FILTER ELEMENT
- 5 SEAL KIT
- 6 FILTER BOWL
- 7 INTERNAL TUBE FOR LOW FLOW RATE
- 8 VENT PLUG
- 9 DRAIN PLUG
- 10 INDICATOR PLUG
- 11 FILTER BODY
- 12 FIXING SCREWS
- 13 ADAPTER
- 14 BY-PASS ASSEMBLY

INDICATOR TIGHTENING TORQUE

50 Nm

SPARE SEAL KIT PART NUMBER (5)

	NBR	FKM
FLR...	06.021.00389	06.021.00390

BOWL/BODY TIGHTENING TORQUE

screw up filter bowl/body till end

DRAIN/VENT TIGHTENING TORQUE

50 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. The IN and OUT ports must be connected to the hoses in the correct flow direction (an arrow shows on the filter head (1)).
- 2. The filter housing should be preferably mounted with the bowl (6) upward.
- 3. Secure to the frame the filter head (1) using the fixing holes (3).
- 4. Verify that no tension is present on the filter after mounting.
- 5. Enough space must be available for filter element replacement.
- 6. The visual clogging indicator must be in a easily viewable position.
- 7. When a electrical indicator is used, make sure that it is properly wired.
- 8. Never run the system with no filter element fitted.
- 9. Keep in stock a spare FILTREC filter element for timely replacement when required.
- 10. 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. The filter element must be replaced as soon as the clogging indicator signals at working temperature (in cold start conditions, oil temperature lower than 30°C, a false alarm can be given due to oil viscosity).
- 3. If no clogging indicator is mounted, 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. Loosen vent screw (8).
- 3. Remove drain plug (9) in housing bottom and drain oil.
- 4. Unscrew the 3 grub screws (12) of the filter bowl (6).
- 5. Unscrew filter bowl counter-clockwise.
- 6. Pull out the bypass assembly (14) with the handle and separate it from the filter element.
- 7. Lift out filter element (4).
- 8. Check seal on filter bowl (5). We recommend replacement in any case.
- 9. Make sure that the order number on the spare element corresponds to the order number of the filter name-plate. To ensure no contamination occurs during the exchange of the element, first open the plastic bag, then push the element over the spigot in the filter head. Now remove plastic bag.
- 10. Push the element carefully over the spigot, insert the bypass assembly (14) into the filter element mount the filter bowl (6) and tighten the 3 grub screws (12).
- 11. Tighten drain plug (9) in housing bottom.
- 12. Tight vent screw (8).
- 13. The used filter elements can not be cleaned and re-use.