

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 filter bowl counter-clockwise.
- 5. Pull out the bypass assembly (14) with the handle and separate it from the filter element.
- 6. Lift out filter element (4).
- 7. Check seal on filter bowl (5). We recommend replacement in any case.
- 8. 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.
- 9. 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).
- 10. Tighten drain plug (9) in housing bottom.
- 11. Tight vent screw (8).
- 12. The used filter elements can not be cleaned and re-use.