

USER TIPS



INDICATOR TIGHTENING TORQUE

100 Nm


SPARE SEAL KIT PART NUMBER (5)

SIZE	NBR	FKM
FH700-D102/D101	06.021.00474	06.021.00475


BOWL TIGHTENING TORQUE

120 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

-  The IN and OUT ports must be connected to the hoses in the correct flow direction; the direction flow symbols shows on the filter head (1).
- The filter housing should be preferably mounted with the bowl (6) downward.
- Secure to the frame the filter head (1) using the threaded fixing holes (3).
- Verify that no tension is present on the filter after mounting.
- Enough space must be available for filter element replacement.
- The visual clogging indicator must be in an easily viewable position.
- When an electrical indicator is used, make sure that it is properly wired.
-  Never run the system with no filter element fitted.
- Keep in stock a spare FILTREC filter element for timely replacement when required.
- Filter housing should be earthed.

OPERATION

-  The filter must work within the operating conditions of pressure, temperature and compatibility given in the first page of this data sheet.
- 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).
- If no clogging indicator is mounted, replace the element according to the system manufacturer's recommendations.

MAINTENANCE

-  Make sure that the system is switched off and there is no residual pressure in the filter.
- Unscrew the oil drain plug (8) by turning it anti clockwise, then make the same with the bowl (6) and remove it.
- Remove the dirty element (4).
- Fit a new FILTREC element (4), verify the part number, particularly concerning the micron rating; open its plastic protection on the open-end side and insert it onto the spigot in the filter head, then remove completely the plastic protection.
- Clean carefully the bowl; check the O-rings (5) conditions and replace them if necessary.
- Lubricate the bowl's thread and seal cone (6) and screw it by hand in the filter head (1) by turning it clockwise.
- Screw in the bowl with 120 Nm tightening torque.
- Lubricate the oil drain plug's thread and seal cone (8) and screw by turning it clockwise.
-  The used filter elements cannot be cleaned and re-used.