



EUROPAFILTER

KEEP IT CLEAN

Specification EF2100

Description:

Water and solid contaminants are very effectively removed out from the oil with the EF2100 oil cleaning systems.

The EF2100 Oil Cleaning Systems (OCS) are offline units which means that a small amount of oil is taken from a tank or continuously bypassed from a main ring line, cleaned in the OCS and then returned as clean oil into the oil system/machine concerned. See example of installation in chapter 3.

The OCS are individual circuits and will not affect any functions in the concerned oil system/machine. The standard cleaning systems consist of 1-6 cleaning housings which are connected in parallel.

Oil volume and viscosity decides the number of housings needed for a proper cleaning efficiency. Each system consist of motor with pump, oil sample valve before and after/ bleed valve, drain valve, pressure gauge and armoured hydraulic hoses. The components are mounted on a steel plate.

Optional: Oil Heating belt, support legs, visual flow indication, flow control incl. Display with alarm functions, 3phase motor, replacement of motor & pump by pressure reducing valve, air pump, non-return valve or systems for ATEX directive.

Technical data: (Measure & weight depends on options).

If your system is in our common standard there is specific information about it in a brochure outset of this manual.

EF2100	EF2115X	EF2125X	EF2135X	EF2145X	EF2155X	EF2165X	EF2115X mobile	EF2125X mobile
Weight [kg]:	17-27	23-33	29-39	35-45	41-51	47-57	28-38	34-44
Depth ≈ [mm]:	300	300	300	500	500	500	570	570
Width ≈ [mm]:	470	740	955	470	740	955	470	700
Height ≈ [mm]:	700	700	700	700	700	700	1020	1020
Dirt capacity (EF500HY): *	≤ 3kg	≤ 6kg	≤ 9kg	≤ 12kg	≤ 15kg	≤ 18kg	≤ 3kg	≤ 6kg
Min – Max flow: Depending on oil viscosity	6-300 l/h	12-600 l/h	18-900 l/h	24-1200 l/h	30-1500 l/h	36-1800 l/h	12-300 l/h	18-600 l/h
Cleaning ability [µm]:	≥ 0,1 µm							
Working pressure [bar]:	0.8 - 5 bar							
Safety valve [bar]:	Opens at app. 6 bar							
Pressure gauge [bar]:	0 - 6 bar							
Electric motor:	0,12 kW 230/400 V, (special variants optional)							
Pump:	Gear Pump mono bloc el. motor driven, (special variants optional)							
Connection IN:	BSP 3/4"							
Connection OUT:	BSP 3/8"							

* The data on dirt capacity in the table means the collected weight impurities in each system between filter cartridge changes.