



Off-line Filter Units

FNA 040-553

- Nominal flow rate up to 40 l/min
- Operating pressure up to 10 bar
- For tank volumes up to 5.000 l

Off-line Filter Units - FNA 040-553

FNA 040-553

The FNA 040-553 can be used as an additional off-line filter unit or as a sole system filter for continuous improvement of the oil cleanliness. Operation of the unit is independent of the working cycles of the machine. Thereby the filter element can be changed without interrupting the working process.

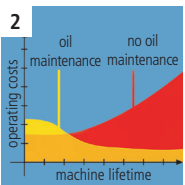
Compact and efficient - for tank volumes up to 5,000 liters

The compact design allows installation in small areas. The oil is continuously pumped over a 3 µm fine filter. Thereby highest cleanliness classes are reached even with tank volumes of up to 5.000 liters.



1. Compact and ready to connect

The FNA 040-553 is supplied ready to connect, with hose packages and filter elements.



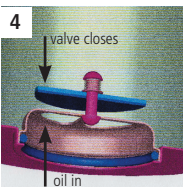
2. Economical

Efficiency through ARGO-HYTOS Fluid Management systems. After just a short time your investments will be amortized due to longer service intervals and increase of machine availability.



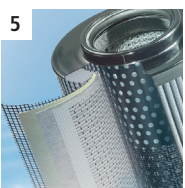
3. User-friendly filter element change

Optimal operator handling has been a key feature in the development of FNA 040. No extra tools are needed to open the housing and the filter element can be pulled out through the hang-in technique.



4. Maintenance-free filter housing thanks to a clever filter element technique

Fluid flows through the element from the centre outwards. The built-in dirt retention valve closes automatically when the element is removed, ensuring that all dirt is removed from the housing with the element.



5. Quality in detail

The EXAPOR®MAX 2 fine element is the heart of the FNA 040. High cleanliness levels protect hydraulic systems against dirt during the oil filling process.

The tubing of the pressure control valve to the tank has to be effected by the user!

Dirt-holding capacity

Values in g test dust ISO MTD according to ISO 16889

Hydraulic fluids

Mineral oil and biodegradable fluids (HEES and HETG, see info sheet 00.20). Other fluids on request.

Temperature range of fluids/

Viscosity range

0°C...+ 60°C

Continuous operation min.: 15 mm²/s

Continuous operation max.: 400 mm²/s

Ambient temperature range

0°C...+ 50°C

Operating Pressure

Max. 8 bar

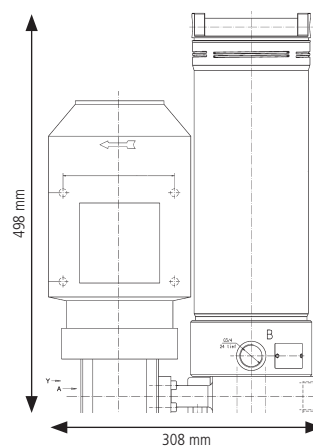
Clogging indicator

Electrical differential pressure indicator

Order no.	FNA 040-553
Nominal flow rate	40 l/min
Filter fineness	$\bar{\beta}_{3(c)} = 200^*$
Dirt-holding capacity	380 g*
Electric drive	3~400 V, 1,5 kW, n = 1.500 min ⁻¹ bei 50 Hz, n = 1.800 min ⁻¹ bei 60 Hz
Replacement element order no.	V7.1230-153
Weight	approx. 30 kg

*test dust ISO MTD according to ISO 16889

Dimensions



Hydraulic symbol

