

Hydrau**vision**



HydrauSupport 540FS

Technical Specification

Max. working pressure	: 70 bar
Max. output flow	: 540 liter/min.
Total electric power	: 3 x 22 kW
Operational temperature	: -10 .. 55 °C
Overall length	: 2540 mm
Overall width	: 1800 mm
Overall height	: 1630 mm
Total weight excl. fluids	: approx. 2400 kg
Hydr. oil tank capacity	: 700 liter
Max. pressure for testing	: 500 bar
Max air pressure	: 10 bar
Power supply nominal	: 400VAC-3x44A (3P+E)
Fluid connections:	
Pressure (P)	: 38S
Return (T)	: 38S

Benefits

Filter ratings on request: 3, 6, 12, 25, µm.
Unit can be used for flow rate 180, 360 or 540 liter/min.
Integrated pressure test facility up to 500 bar.
Integrated air compressor.

Scope of Supply

Included:
- Flow gauge with appropriate scale for requested flow.
- Power connectors on unit: 3x63A-6h, 5-pole, (type 635, male)
- User manual.

Excluded:
- Filter cartridges.
- Hydraulic oil.
- Particle counter.
- Hydraulic hoses.
- Power cables.
- Transport and installation.
All above mentioned items can be included on request.



The HydrauSupport 540FS is an electric driven powerpack, fitted with three 22 kW pump sets and four high capacity return-oil filters.

The HydrauSupport 540FS can be used to flush either hoses or complete piping systems. The 3 pumps can be started up separately in order to get different flows, i.e. 180, 360 or 540 l/min.

In the return line a measuring-instrument is fitted which can be used to connect a particle counter in order to monitor the oil cleanliness.

The maximum pressure is 70 bar, which is enough to flush long piping systems.

The HydrauSupport 540FS is provided with an integrated high pressure pump which can be used for pressure tests up to 500 bar.

The HydrauSupport 540FS is provided with an air system. The air system can be used easily to remove most of the remaining oil out of the hydraulic system or hoses.

The complete system is mounted in a box frame provided with lifting lugs and integrated forklift-trays to ensure easy handling.

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