

# Hydrau**vision**



## HydrauSupport 300F Filtration Unit

### Technical Specification

Max. working pressure	: 15 bar
Max. output flow	: 300 liter/min. @ 3000 rpm
Flow control	: between 60 and 300 liter/min.
Electric motor power	: 11 kW frequency drive
Revolutions	: between 600 and 3000 rpm
Fixed displacement pump	: 100 cc/rev.
Operational ambient temp.	: -10 till +40 °C
Operational fluid temperature	: -20 till +80 °C

Overall length	: 1835 mm
Overall width	: 800 mm
Overall height	: 1510 mm
Total weight excl. fluid	: 390 kg

Power supply nominal	: 400 VAC (50Hz)-32A (3P+N+E)
	: 440 VAC (60Hz)-32A (3P+N+E)

Fluid connections:	
- Pressure	: DN65 - PN16 (acc. DIN 2633)
- Suction	: DN80 - PN16 (acc. DIN 2633)
	Suction pressure between -0,5 and 3 bar max.

### Benefits

- Open hydraulic circuit.
- High capacity filtration (Pall) with wide range of filtration grades of 3, 5, 7, 12, 22 micron are available on request.
- Filter design minimizes static charge generation and electrostatic discharge.
- Flow controlled main pump set.
- Minimes connections for mobile electronic particle counter.
- Electric main control cabinet with manual revolution control, display, clogging-indicator and emergency stop.

### Scope of Supply

- Included:
- Power connector on unit: 32A-6h, 5-pole.
  - Controller settings to customers specifications.
  - Lifting points (4) and wheels for indoor transportation
  - User manual.

- Excluded:
- Hydraulic hoses.
  - Filter elements.
  - Mobile electronic particle counter.
  - Electric power connection cable.
  - Transport and installation.

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. HydrauVision reserves the right to change specification without prior notice.

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Hydraulic filtration unit with an electric frequency pump drive of 11 kW and specific engineered with superior contamination control by Pall Ultipleat SRT filter design.

The HydrauSupport 300F has a controllable flow output from 60 up to 300 liters per minute. The maximum pressure is 15 bar.

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