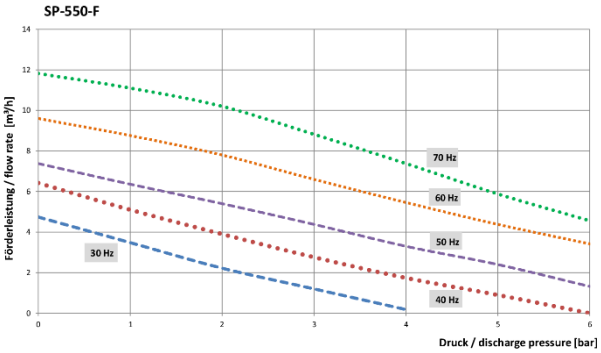
GERTEC
Maschinen- und Anlagenbau GmbH

Product Information
Hose Pump SP-550-F

Hose Pumps SP

picture similar



Application areas:

- Special foundation engineering, Tunnelling
  (bored pile, cut-off wall, jet grouting)
- Biogas production
- Chemical industry
- Ceramic and Porcelain industry

Pumping of:

- Bentonite slurries, drilling fluids, sealing wall slurries, groundwater, mortar, slurries, dirty water;
  cement, fly ash or other solid-containing slurries
- Return suspensions
- Slurries
- Biomasses, Press water

Technical Data / Performance Data *

Flow rate	0 - 12	m³/h (continuously adjustable)
Discharge pressure	max. 6	bar
Suction lift	max. 8	m
Solids grain size	max. 16	mm
Medium temperature	max. 50	°C
Nominal diameter of hose	50	mm
Suction connection	Storz C	2“ standard coupling DIN 14307, alternatively, 2“ AG, flange DN50 PN16
Pressure connection	Storz C	2“ standard coupling DIN 14307, alternatively 2“ AG, flange DN50 PN16
Power connection	CEE-plug	16 A, 5-pole
Power input	4,0	kW
Voltage	400	V; 50 Hz
Dimensions	0,63 x 0,69 x 1,12	m (L x W x H)
Weight	approx.191	kg

)* The stated values are approximate values and refer to the pumping of water with 18 ° C. Conditionally by abrasion of the hose pump, unfavourable suction, pressure conditions and influence of viscosity of the pumping medium may differ the actual performance data from the specified data.

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Edition: 2022-02-09
Technical specifications are subject to change

Features:

- ✓ **Pump housing** with housing cover in standard steel version
- ✓ **Moveable pump frame** (rubber tires)
- ✓ **Pump drive** with rotor bearing and flange bearing in the housing cover; three-phase motor with frequency converter
- ✓ **Pump rotor** with rotatable mounted pressure rollers
- ✓ **Steel pressure roles** with roller bearings and eccentric adjustment (wear compensation of hose pump)
- ✓ **Electrical function and power control** with the following display and control elements:
  - Main switch ON/OFF
  - Pump ON/OFF
  - Potentiometer for flow rate adjustment [0 – 100%]
  - Selector switch reversing operation (forward/backwards)

Accessories (not included in delivery):

- ○ Suction filters / suction tubes
- ○ Suction and discharge hoses
- ○ Suction and pressure connections in Storz or Perrot

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