

ref. 99032087

ATP10 RL 220V 1000L/MIN VACUUM PUMP + FRAME

LEDIGINGSPOMPEN MAST

Pumping height: max 11 m

Maximum flow rate: 1000 l/min

Outlet coupling: DSP70 without latch

Motor: 230V - 50 Hz - 1-phase

Power P1: 1.8 kW

Maintenance-free and dry-running protection

DESCRIPTION

Mast's clogging-free emptying pump, the ATP10L, which can pump wastewater containing solids or long-fibred substances up to 65 mm in diameter. The pump can be used without a strainer because the grain size is identical to the input diameter. The efficiency is over 70%. It can be used both vertically and horizontally.

Runs on 230V. Drive possible with power group 5 kVA. Mounted in a carrying frame.

Flow rate:

- 1000 l/min - 0 m delivery head
- 780 l/min - 3 m delivery head
- 500 l/min - 5 m delivery head
- 300 l/min – 7 m delivery head
- 0 l/min - 11 m delivery head

TECHNICAL SPECIFICATIONS

- Rotating flange on the discharge outlet allows it to be set at any desired angle from horizontal to vertical. This allows the discharge hose to run up stairs or along a berm without bending.
- Contains no oil, silicones or grease (can therefore be used in areas with stricter environmental requirements).
- Can be used both horizontally and vertically.
- Plastic-coated metal carrying handle, to which work rope can be attached.
- Protected against overheating by thermal cut-out switch (PTC thermistor) 120°C.
- Safe against dry running thanks to special mechanical seal.
- Sealing control: The pump is equipped with a moisture sensor in the motor compartment that automatically switches the pump off if moisture enters the motor

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compartment.

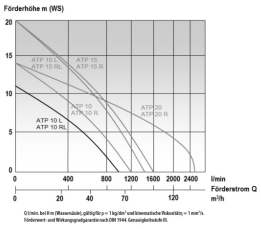
- Encapsulated motor
- Maintenance-free: no oil filling, lubrication points, or use of sealants or adjustment work required.
- Low clogging due to high mounted impeller.
- Automatic direction of rotation: An automatic direction of rotation device always drives the motor in the correct direction, regardless of the order in which the phases are connected.
- Built-in phase failure protection: If one of the three phases fails, the motor is automatically switched off.
- Undervoltage protection: the pump is switched off if it is connected to the wrong voltage or if the voltage of the power supply drops to a critical threshold.
- Restart protection

- Pump: single-stage centrifugal pump
- Head: max 11 m
- Maximum flow: 1000 l/min
- Pellet inlet: 65 mm
- Outlet: diameter 2" 1/2
- Outlet coupling: DSP70 without latch
- Inlet: diameter 3"
- Coupling inlet: Guillemin 70 without latch
- Temperature of pumped liquid: max 60°C
- Liquid density: of pumped liquid: max 1,1 kg/dm3
- Acidity of pumped liquid: pH 5-8
- Motor: 230V - 50 Hz - 1-phase
- Power P1: 1.8 kW
- Power P2: 1.3 kW
- Nominal current: 8.4 A
- Connection cable: Length 20m (H 07 RN-F 3 G 1.5)
- Plug: Schuko IP67 16A naar DIN49443- Degree of protection IP68
- Material handle: Metal with plastic surrounding
- Motor housing material: Aluminium alloy DIN EN 1706, corrosion-free and seawater-resistant
- Material pump housing: Aluminium alloy DIN EN 1706, corrosion-free and seawater-resistant
- Material rotor: Stainless steel 1.4021
- Material impeller and diffuser: cast iron DIN EN 1563
- Material screws: A2 stainless steel
- Material seals: oil resistant elastomers NBR quality
- Material shaft seal: mechanical seal carbon ring and ceramic counter ring
- Material bottom ring: stainless steel 1.4021
- Dimensions: L 430 x B250 x H5 L 430 x B250 x H560 mm
- Weight: 26 kg









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