

ALT 25 - ALT electric pumps



The best solution for the suction and transfer of liquids, thanks to the strong self-priming capacity and the ability to run even with discontinuous presence of the liquid in suction. The ALT series, entirely made of AISI 316 stainless steel, is particularly suitable for corrosive and food liquids. Provided with oversized three-phase asynchronous motors and long-lasting rotary switches, they are designed for heavy applications. For each application, it is necessary to check the suitability and choose appropriate gaskets.

The product are particularly suitable for use:

- enology (wine, musts)
- food industry (oil, vinegar, brine, fruit juices, beer wort, milk)
- chemical industry (corrosive liquids)
- brewing process (beer must, beer, washing)
- oil industry (olive oil, seed oil)
- professional use (continuous over time and heavy-duty applications, installation on systems)
- industry (installation on plant, machinery, machinery, production lines)

Hydraulic specifications

- Maximum capacity : 48 lt/min
- Maximum head : 11 m
- Gasket on the shaft: Mechanical gasket
- Maximum priming height : 6 m
- Threaded ports: 1"
- Maximum liquid density 1.1g/cm³ free of hard particles in suspension
- Maximum temperature 90°C
- Not suitable for aggressive liquids towards pump construction materials and gaskets (see technical specifications)
- Not appropriate for the transfer of petrol, solvents and, in general, in environments with risk of explosion and fire
- Possibility of reversing the pumping flow
- Coupling with impeller locked
- Possibility of working for short periods with closed pipes
- During installation, the pump must be filled with liquid, subsequently this operation is no longer necessary

Technical specifications

Material

- Pump Parts: AISI 316
- Shaft : AISI 316
- Impeller : AISI 316
- Gaskets: NBR
- Mechanical gasket ceramic/graphite/nbr

MOTOR

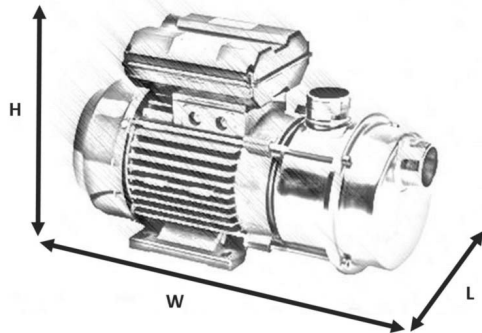
- Powered with a Three-phase asynchronous 400V 50Hz
- Equipped with MEC 71 motor (1400 rpm 0.6HP / 0,4 KW)
- Service S1
- Ip protection degree 44
- Insulation class F
- Power connection via cable end Stripped cable 2m
- Switching on and reversing of the pumping flow through inverter switch

Pump features

Ports	ØHose fitting	Priming ability	Qmax	Hmax
1"	25 mm	6 m	48 lt/min	11 m

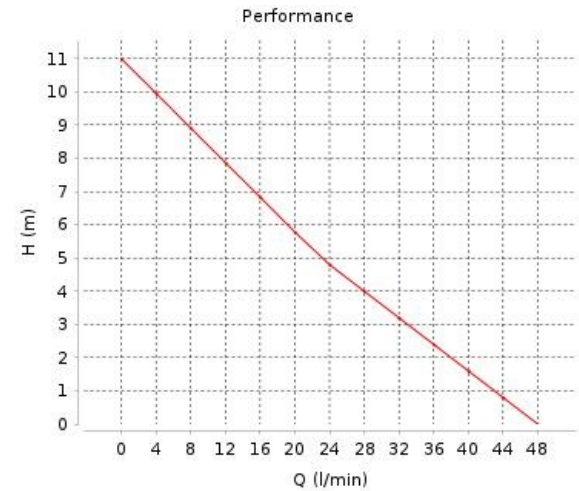
Overall dimensions

W	L	H	Weight	Leq A*
325 mm	155 mm	210 mm	7.8 kg	65 dB



Capacity (l/min)

1m	5m
43 lt/min	23 lt/min



Characteristics referring to operation with water at 20 °

* Leq A detected 1 meter from the pump surface

Available for the hydraulic part
on request

- [By-pass inox 25](#)
- Quick disassembly pump

FOR USE AND TRANSPORT

- Feet for ceiling fixing
- Feet for fixing to: wall
- [Handle](#)
- [Plate with stainless steel handle](#)
- [Stainless steel trolley](#)

Liquid loading / unloading

- Drain valve 1/4
- Drain valve 1/8
- [Drain valve](#)

Liquids loading / unloading

- [Drain plug](#)

PIPE FITTINGS

- Plastic fittings 25
- Stainless steel fittings 25

SEALS

- EPDM
- Teflon
- Viton

SPECIAL PORTS

- [Ports clamp DN 25](#)
- [Ports DIN 25](#)
- [Ports Macon 40 for AL 25](#)

Available for the motor on
request

Motor

- [Terminal board](#)