

## AL 24/25 - ALCC 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 ALCC series, entirely made of AISI 316 stainless steel with a unidirectional DC motor (12 or 24 Volt) is used when batteries are available as a power source. For each application, it is necessary to check the suitability and choose appropriate gaskets.

**The product are particularly suitable for use:**

- food industry (oil, vinegar, brine, fruit juice, beer wort, milk)
- chemical industry (corrosive liquids)
- nautical (bilge, services, cooling, washing, sea water)
- agriculture (fungicides, liquid fertilizers, components on agricultural machinery, irrigation)
- transports (tankers, road machines, on board water systems)

### Hydraulic specifications

- Maximum capacity : 58 lt/min
- Maximum head : 13 m
- Gasket on the shaft: Mechanical gasket
- Maximum priming height : 6 m
- Threaded ports: 1"
- Maximum liquid density 1.1g/cm<sup>3</sup> 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
- Unidirectional 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

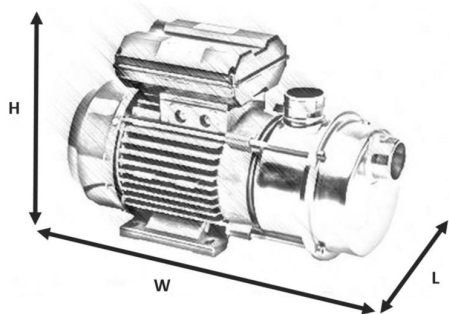
- Pump Parts: AISI 316
- Shaft : AISI 316
- Impeller : AISI 316
- Gaskets: NBR
- Mechanical gasket ceramic/graphite/nbr

#### MOTOR

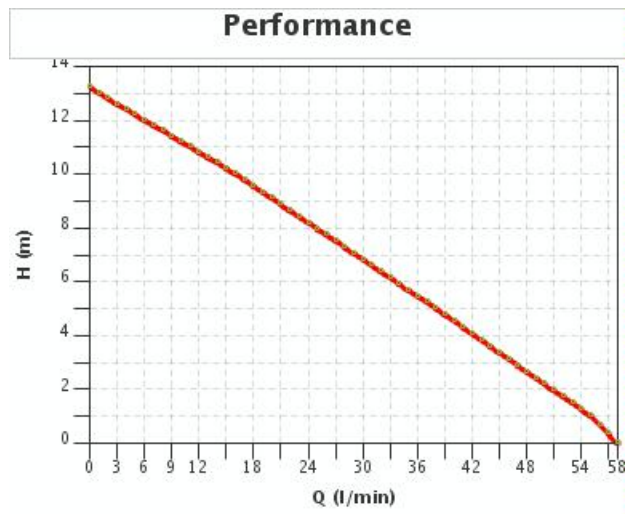
- Powered By A Motor Dc motor 24V
- equipped with mec engine 71 a 1700 g/min from 0.6 HP/ 0,4 KW
- Service S1
- Ip protection degree 23
- Insulation class F
- Power supply connection via terminal board on the motor

Pump features				
Ports	Hose fitting	Priming ability	Qmax	Hmax
1"	25 mm	6 m	58 lt/min	13 m

Overall dimensions				
W	L	H	Weight	Leq A*
355 mm	144 mm	176 mm	8.8 kg	80 dB



Capacity (l/min)		
1m	5m	10m
55 lt/min	38 lt/min	16 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
- Plate with stainless steel handle
- Stainless steel trolley

**Liquid loading / unloading**

- Drain valve 1/4
- Drain valve 1/8
- Drain valve DIN 10
- 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

**TELLARINI POMPE di G. Tellarini & C.**

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**We reserve the right to make changes without prior notice.**

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