

ALBS 25 - ALBS pumps

The best solution for the suction and transfer of liquids, thanks to the strong self-priming capacity, the ability to run even with discontinuous presence of the liquid in suction and the reversibility of the flow. The ALBS series is made of AISI 316 stainless steel, it is particularly suitable for corrosive and food liquids. This version with hydraulic motor allows an easy coupling with any machine that has a hydraulic unit. 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)
- nautical (bilge, services, cooling, washing, sea water)
- transports (tankers, road machines, on board water systems)
- brewing process (beer must, beer, washing)
- oil industry (olive oil, seed oil)
- professional use (continuous over time and heavy-duty applications, installation on systems)

Hydraulic specifications

- Maximum capacity : 89 lt/min
- Maximum head : 42 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
- 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

- This pump is driven by a bi-directional drainage hydraulic motor internal group 1 of 3.9 cm³ or 5.8 cm³

Material

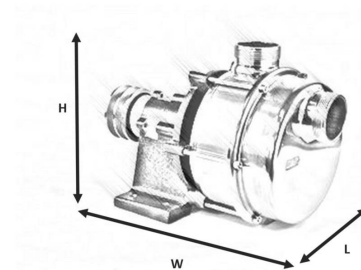
- Pump Parts: AISI 316
- Shaft : AISI 316
- Impeller : AISI 316
- Gaskets: NBR
- Mechanical gasket ceramic/graphite/nbr

Pump features

Ports	Φ Hose fitting	Priming ability	Q max	H max
1"	25 mm	6 m	89 lt/min	42 m

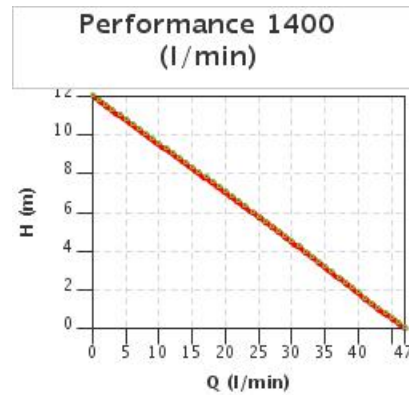
Overall dimensions

W	L	H	Weight
340 mm	144 mm	149 mm	0.0 kg

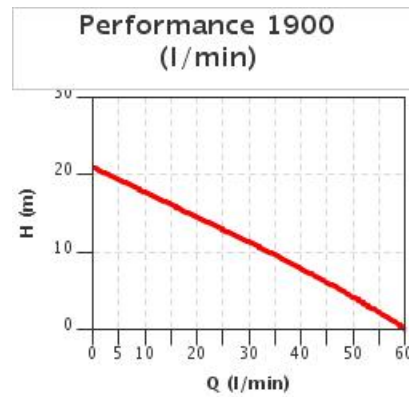


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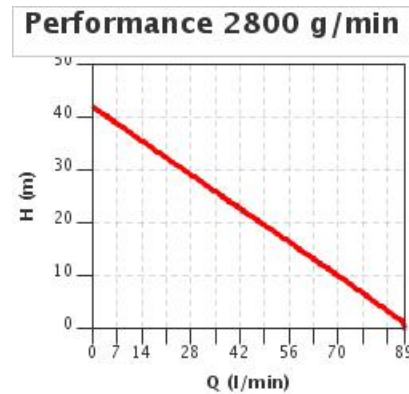
1400 g/min			
H (m)	1m	5m	10m
Q	43 lt/min	28 lt/min	8 lt/min
HP	0.1 HP	0.2 HP	0.3 HP



1900 g/min			
H (m)	1m	5m	10m
Q	58 lt/min	48 lt/min	34 lt/min
HP	0.5 HP	0.6 HP	0.7 HP



2800 g/min				
H (m)	1m	10m	20m	30m
Q	89 lt/min	70 lt/min	48 lt/min	26 lt/min
HP	1.1 HP	1.3 HP	1.4 HP	1.6 HP



Characteristics referring to operation with water at 20 °

Available for the hydraulic part on request

BY-PASS

- [By-pass inox 25](#)

Liquid loading / unloading

- Drain valve 1/4
- Drain valve 1/8
- Drain valve DIN 10
- [Drain valve](#)

PIPE FITTINGS

- Plastic fittings 25
- Plastic fittings 30 AL25
- Stainless steel fittings 25

FOR USE AND TRANSPORT

- Feet for ceiling fixing
- Feet for fixing to: wall

Liquids loading / unloading

- [Drain plug](#)

SEALS

- EPDM gaskets 25
- Teflon gaskets 25
- Viton 25 gaskets

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SPECIAL PORTS

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

We reserve the right to make changes without prior notice.

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