

ECC 24/25 - ECC electric pumps



The best solution for 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 the suction. The ECC series, made of brass CB754S with DC motor (12 or 24 Volt) is used when batteries are available as power source.

For each application it is necessary to verify the suitability and choose appropriate gaskets.

The product are particularly suitable for use:

- 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 : 16 m
- Gasket on the shaft: Seal
- 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
- Unidirectional pumping flow
- Coupling with impeller free
- Complete with a pair of brass hose fittings for pipes 25 (one straight and one curved)
- 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: Brass
- Shaft : AISI 316
- Impeller : Brass
- Gaskets: NBR

MOTOR

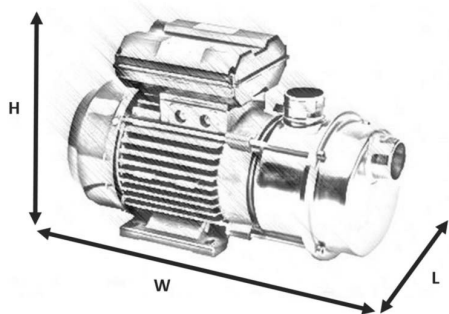
- Powered with a Dc motor 24V
- Equipped with MEC 71 motor (1600 rpm 0.6HP / 0,4 KW)
- Service S1
- Ip protection degree 23
- Insulation class F
- Power supply connection via terminal board on the motor

Pump features

Ports	Hose fitting	Priming ability	Qmax	Hmax
1"	25 mm	6 m	58 lt/min	16 m

Overall dimensions

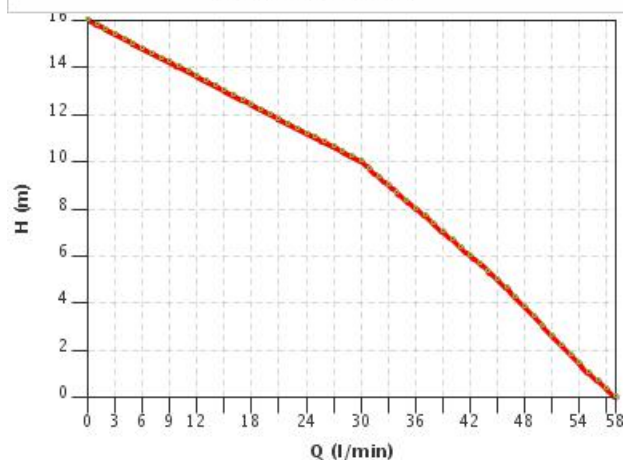
W	L	H	Weight	Leq A*
343 mm	140 mm	172 mm	9.2 kg	75 dB



Capacity (l/min)

1m	5m	10m
55 lt/min	45 lt/min	30 lt/min

Performance



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 25](#)

FOR USE AND TRANSPORT

- Feet for ceiling fixing
- Feet for fixing to: wall
- [Plate with handle](#)
- [Trolley](#)

Liquids loading / unloading

- [Drain tap \(brass\)](#)

SEALS

- [Mechanical seal](#)
- Viton

We reserve the right to make changes without prior notice.