

ECC 24/20 - 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 : 28 lt/min
- Maximum head : 17 m
- Gasket on the shaft: Seal
- Maximum priming height : 6 m
- Threaded ports: 3/4"
- 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 20 (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

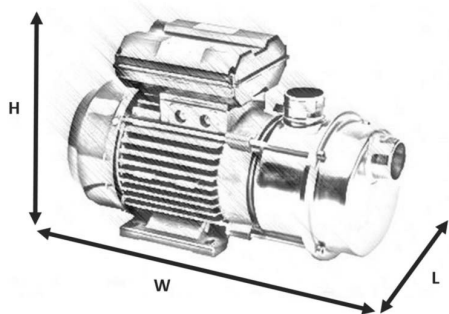
- Pump Parts: Brass
- Counterflange: AISI 304
- Shaft : AISI 316
- Impeller : Brass
- Gaskets: NBR

MOTOR

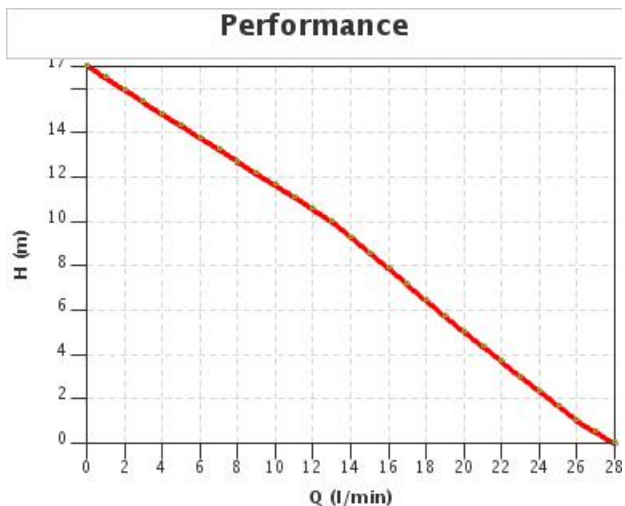
- Powered with a Dc motor 24V
- Equipped with MEC 63 motor (2400 rpm 0.3HP / 0,2 KW)
- Service S1
- Ip protection degree 23
- Power supply connection via terminal board on the motor

Pump features				
Ports	Hose fitting	Priming ability	Q max	Hmax
3/4"	20 mm	6 m	28 lt/min	17 m

Overall dimensions				
W	L	H	Weight	Leq A*
283 mm	122 mm	154 mm	5.1 kg	76 dB



Capacity (l/min)		
1m	5m	10m
26 lt/min	20 lt/min	13 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 20](#)

FOR USE AND TRANSPORT

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

SEALS

- [Mechanical seal](#)
- Viton

We reserve the right to make changes without prior notice.

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