

## EEM 35 - EEM electric 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 EEM series is made of CB754S brass and, even if cheapness is its strength, it is equipped with a high quality two-phase electric motor equipped with a practical tilting inverter. They are really multifunctional pumps, capable of solving multiple pumping problems. For each application, it is necessary to check the suitability and choose appropriate gaskets.

The product are particularly suitable for use:

- domestic environment (water, diesel, water systems, irrigation)

### Hydraulic specifications

- Maximum capacity : 80 lt/min
- Maximum head : 17 m
- Gasket on the shaft: Seal
- Maximum priming height : 6 m
- Threaded ports: 1" 1/2
- 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
- Possibility of reversing the pumping flow
- Coupling with impeller free
- 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

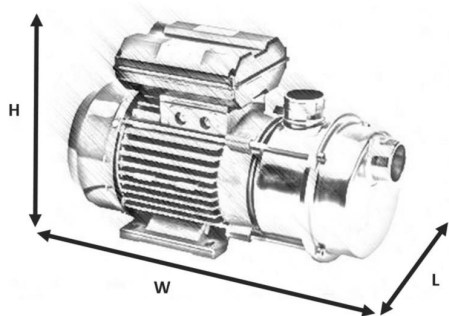
- Pump Parts: Brass
- Shaft : AISI 316
- Impeller : Brass
- Gaskets: NBR

#### MOTOR

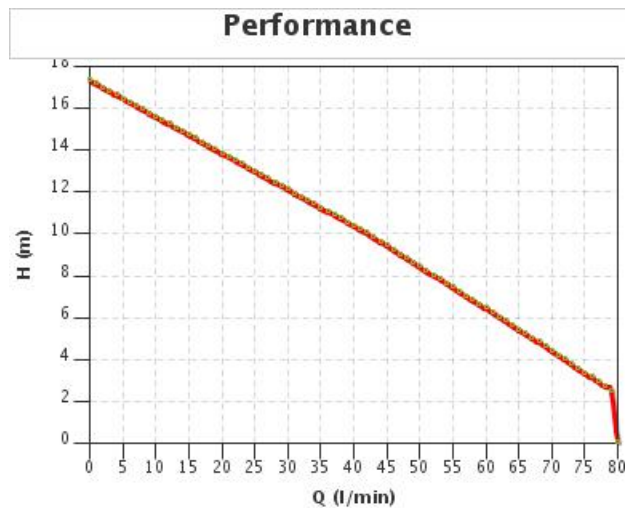
- Powered with a Single-phase asynchronous 230V 50Hz
- Equipped with MEC 71 motor (1400 rpm 1.0HP / 0,7 KW)
- Service S1
- Ip protection degree 44
- Insulation class F
- Power connection via cable end Cable with Schuko plug 1m
- Switching on and reversing of the pumping flow through inverter switch

Pump features				
Ports	Hose fitting	Priming ability	Q max	Hmax
1" 1/2	35 mm	6 m	80 lt/min	17 m

Overall dimensions				
W	L	H	Weight	Leq A*
375 mm	160 mm	230 mm	10.5 kg	74 dB



Capacity (l/min)		
1m	5m	10m
86 lt/min	67 lt/min	42 lt/min



Characteristics referring to operation with water at 20 °  
 \* Leq A detected 1 meter from the pump surface

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

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