

I 40 - I 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 I series is made of CB754S brass with a stainless steel shaft. This version with support and pulley allows easy coupling with any motor. For each application, it is necessary to check 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 : 258 lt/min
- Maximum head : 65 m
- Gasket on the shaft: Seal
- Maximum priming height : 6 m
- Threaded ports: 1"1/2
- 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
- Complete with a pair of brass hose fittings for pipes 40 (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

- Prepared for connection via pulley 2A72

Material

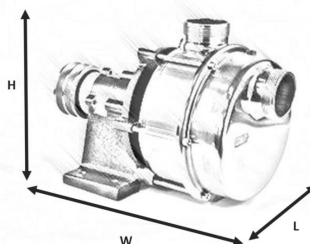
- Pump Parts: Brass
- Shaft : AISI 304
- Impeller : Brass
- Gaskets: NBR

Pump features

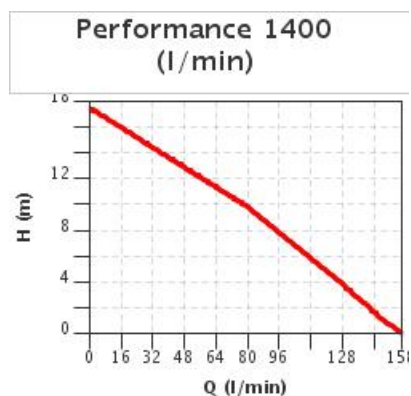
Ports	Φ Hose fitting	Priming ability	Q max	Hmax
1"1/2	40 mm	6 m	258 lt/min	65 m

Overall dimensions

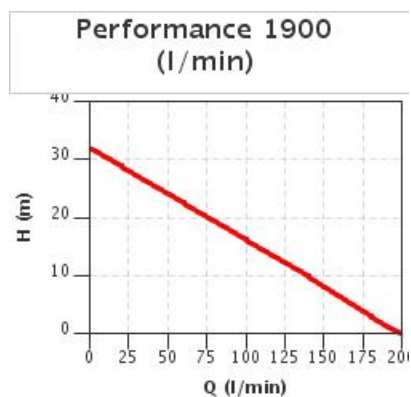
W	L	H	Weight
304 mm	158 mm	180 mm	7.1 kg



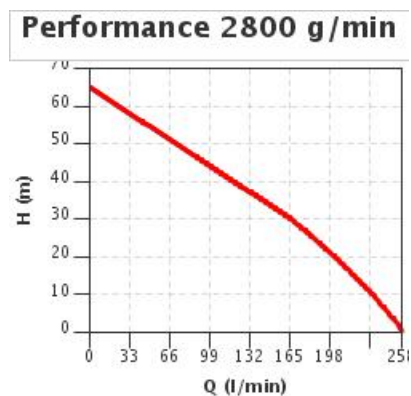
1400 g/min			
H (m)	1m	5m	10m
Q	149 lt/min	119 lt/min	78 lt/min
HP	0.6 HP	0.7 HP	0.8 HP



1900 g/min			
H (m)	1m	5m	10m
Q	192 lt/min	168 lt/min	139 lt/min
HP	1.5 HP	1.6 HP	1.8 HP



2800 g/min				
H (m)	1m	10m	20m	30m
Q	258 lt/min	234 lt/min	203 lt/min	167 lt/min
HP	3.7 HP	4.1 HP	4.6 HP	5.0 HP



Characteristics referring to operation with water at 20 °

Available for the hydraulic part on request

BY-PASS

- [By-pass 30](#)

Liquids loading / unloading

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

SPECIAL PORTS

- [Ports Macon 40 \(brass\)](#)

FOR USE AND TRANSPORT

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

SEALS

- [Mechanical seal](#)
- Viton 30/40 gaskets

We reserve the right to make changes without prior notice.

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