

motralec

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**WITH  
MECHANICAL  
SEAL**

**NEW OPTIMA,  
BEST ONE  
& BEST ONE VOX**



- Draining garages.
- Gardens and vegetable gardens irrigation.
- Emptying of wine cellars, basements.
- Easy emptying of tubs, tanks.



EBARA PUMPE EUROPE S.p.A. reserves the right to make modifications without prior notice: all specifications could be subject to change

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**OPTIMA, BEST ONE & BEST ONE VOX**



**WITH  
MECHANICAL  
SEAL**

**EBARA**

**New submersible pumps  
OPTIMA, BEST ONE  
& BEST ONE VOX**

**NEW**



# THE EVOLUTION OF THE SPECIES

## New submersible pumps OPTIMA, BEST ONE, BEST ONE VOX

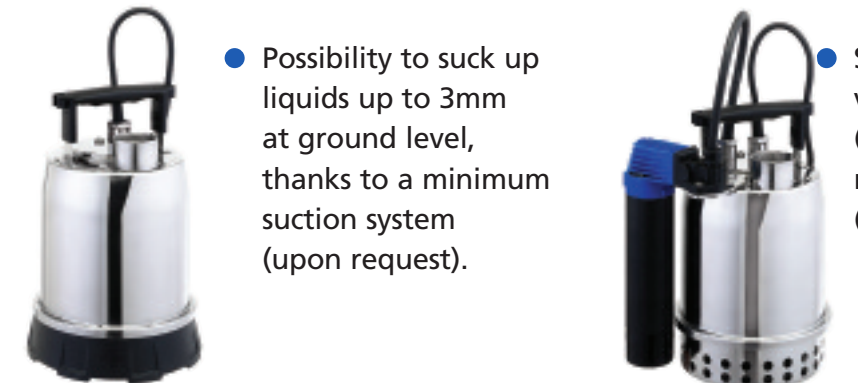
From a long and tested industrial experience to the highest technology, applied to the small domestic pumps, EBARA PUMPS Europe ready to listen the customers and satisfy their expectations, offers today the new OPTIMA, BEST ONE and BEST ONE VOX submersible pumps.

These pumps are used for draining wells, garages, cellars or places subject to flooding, handling of seepage water or wastewater, water not containing solids. The new OPTIMA, BEST ONE and BEST ONE VOX, reliable and resistant, are now technologically and mechanically optimised and with a revised design.

- 1 Reliable and corrosion resistant.
- 2 Three basic versions: OPTIMA, BEST ONE and BEST ONE VOX (with VORTEX impeller).
- 3 Technological development and mechanics have been optimised.
- 4 Revised design.
- 5 New version with **mechanical seal**
- 6 Maximum liquid temperature: 50°C
- 7 The oil filled mechanical seals for the whole range, and the bigger oil chamber increase the life and the reliability of the pumps.
- 8 Highly versatile.
- 9 On request minimum suction system up to 3 mm at the ground level.
- 10 Magnetic float switch MS (vertical position) upon request.

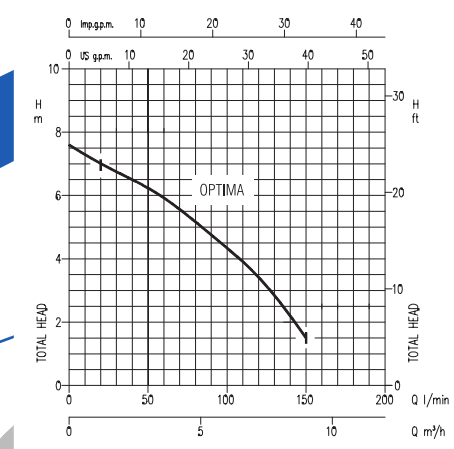


### NEW OPTIONAL

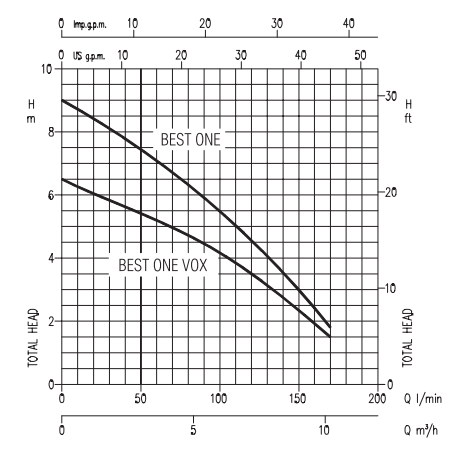


- Possibility to suck up liquids up to 3mm at ground level, thanks to a minimum suction system (upon request).

- Small volume (upon request) magnetic float switch MS (vertical position).



OPTIMA



BEST ONE - BEST ONE VOX

## SPECIFICATIONS

Handle with double cable keeper: it helps the adjustment of the start/stop pump level

Discharge nozzle 1 1/4"

External casing completely in stainless steel

Upper bearing housing in aluminium: to easy the cooling operation and to prolong the bearing life

Float switch

Feeding oil cap

Stainless steel filter: to allows the passage of solids of maximum 10 mm (20 for VOX version)

Volute in stainless steel: that is the impeller housing

Nickel-plated brass cable guard (Technopolymers material for Optima)

Water proof test cap. Every pump is tested for water proof conditions.

Pump head with cables keepers manifolds completely in stainless steel (Technopolymers for Optima)

Capacitor

Motor shaft in stainless steel

Motor casing cooled by the pumped liquid (wiring in class F with motor protection incorporated for the single-phase version)

Lower bearing housing in aluminium: this is to easy the cooling operation by prolonging the bearing life

Mechanical seal is in oil chamber

Ceramic coated stainless steel shaft sleeve

Oil chamber: it prolongs the seals life longer the maintenances operating time

Open impeller in stainless steel (Technopolymers for Optima): thanks to small blades and a little cover in the back side, it protects the seal device from the eventual solids enclosed in the liquid pumped