



WATER SOLUTIONS



ES SERIES

5" Close-coupled submersible pumps



ES SERIES: STAINLESS STEEL CLOSE-COUPLED 5" SUBMERSIBLE PUMPS

NEW STANDARD IN TERMS OF EFFICIENCY AND PUMPING CAPACITY

Advanced technology in performance and reliability

FEATURES

■ Full Stainless Steel 304 pump

All the components in contact with fluid are made in 304 so to make this pump unique on the market. This choice for the highest quality material is to enhance durability, robustness and rust-free and to widen the application field.

■ Easy installation

The single-phase version is equipped with internal capacitor and integrated thermic motor-protection, thus it is not necessary to connect the pump to a control panel.

■ Compact close-coupled design

Suitable for the most common known water well application. ES may also operate horizontally for installation into fountains, rainwater tanks, watercourses.

■ Plug-in type power cable

This feature allows easy replacement if necessary or the choice of the most suitable cable length.

■ Plug-in type level control (Floater)

When required, the pump may be equipped with a floater level control for automatic operation. The plug-in system makes any replacement simple.

■ Heavy duty motor shaft

An over sized motor shaft guarantees the best alignment and resistance to stress.

■ Capsulated motor

In order to assure total impermeability the electric motor is protected into a sealed stainless steel water proof capsule. The cooling of the motor is granted by the pumped liquid.

■ Double mechanical seal

A further and additional protection to the motor is guaranteed with the use of two mechanical seals separated by an oil* chamber. The specific lubrication prevents wear and dry running.

■ Stainless steel hydraulics

Like all the components of the ES pump range also the impellers and diffusers are made of stainless steel in order to achieve superior efficiency and performances compared to any similar product.

■ Maintenance

Thanks to its design this is a maintenance free product however in time some parts subject to wear may need replacement. The simplicity of the assembly concept allows easy service without the need of special tools

SPECIFICATIONS

■ **Capacity:** up to 7,5 m³/h at 50 Hz / 40 GPM at 60 Hz

■ **Heads:** 9 bar (90 m) at 50 Hz / 265 feet at 60 Hz

■ **Efficiency:** up to 66%

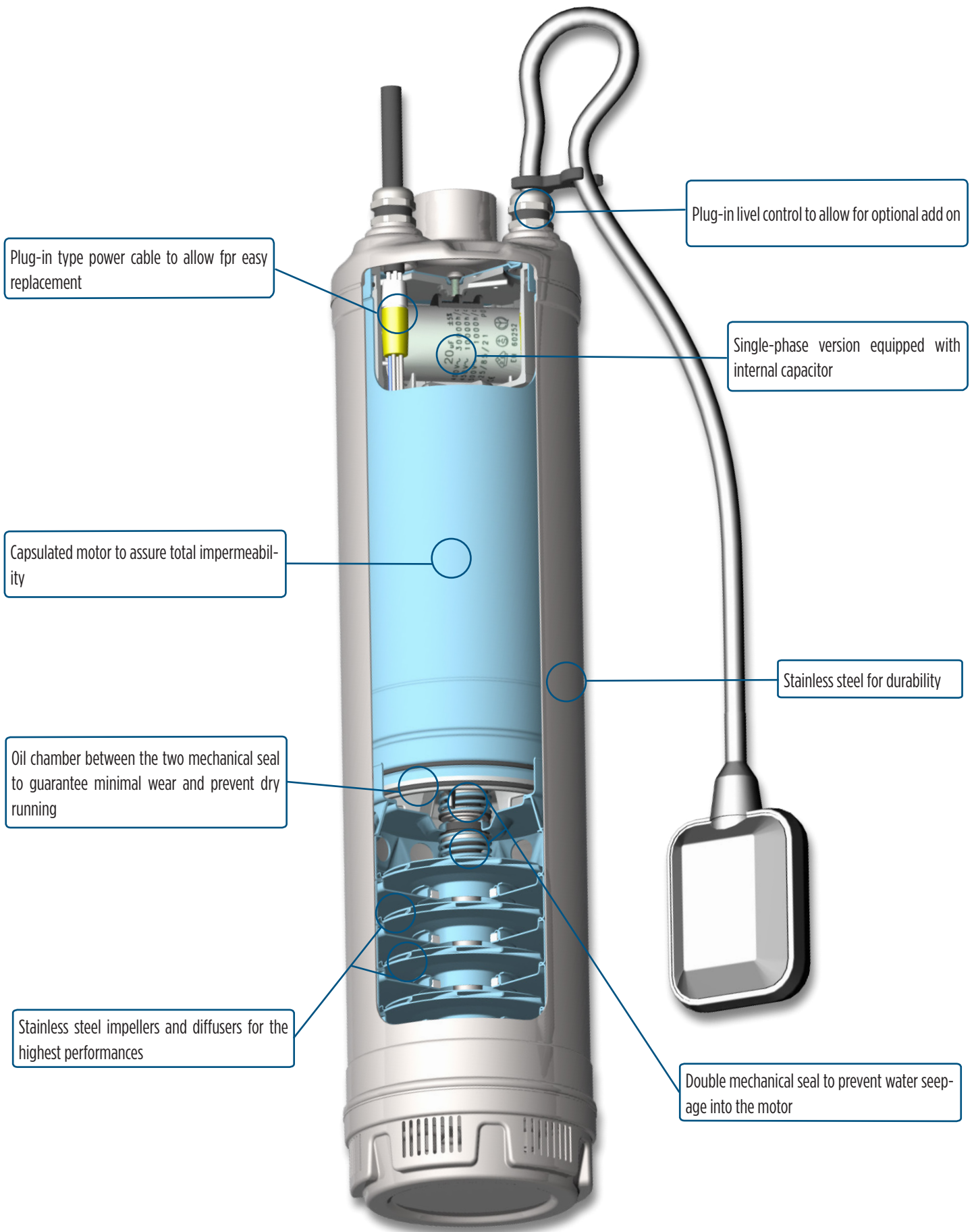
■ **Discharge outlet:** 1¼" Rp

■ **Motor range:** from 0.55 kW to 1,1 kW

APPLICATIONS

- Water distribution / pressure boosting
- Rainwater collection systems
- Irrigation / Gardening / Sprinkler
- Dewatering
- Wash down unit
- Fountains / Ponds





Plug-in type power cable to allow for easy replacement

Plug-in level control to allow for optional add on

Single-phase version equipped with internal capacitor

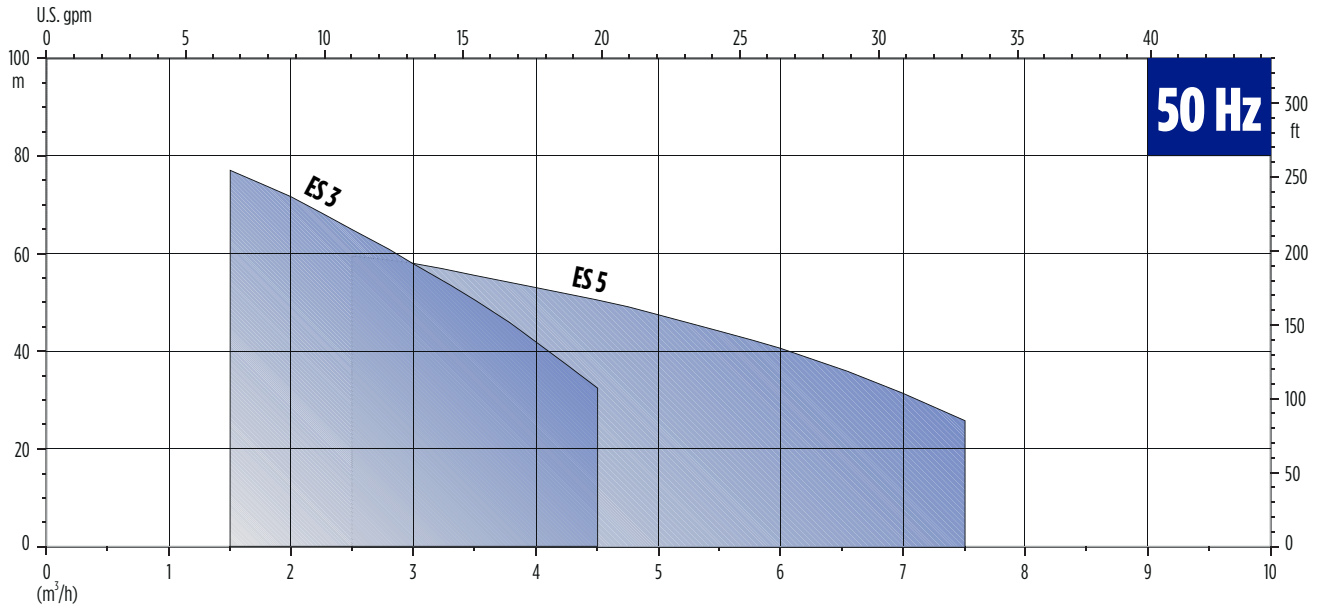
Capsulated motor to assure total impermeability

Stainless steel for durability

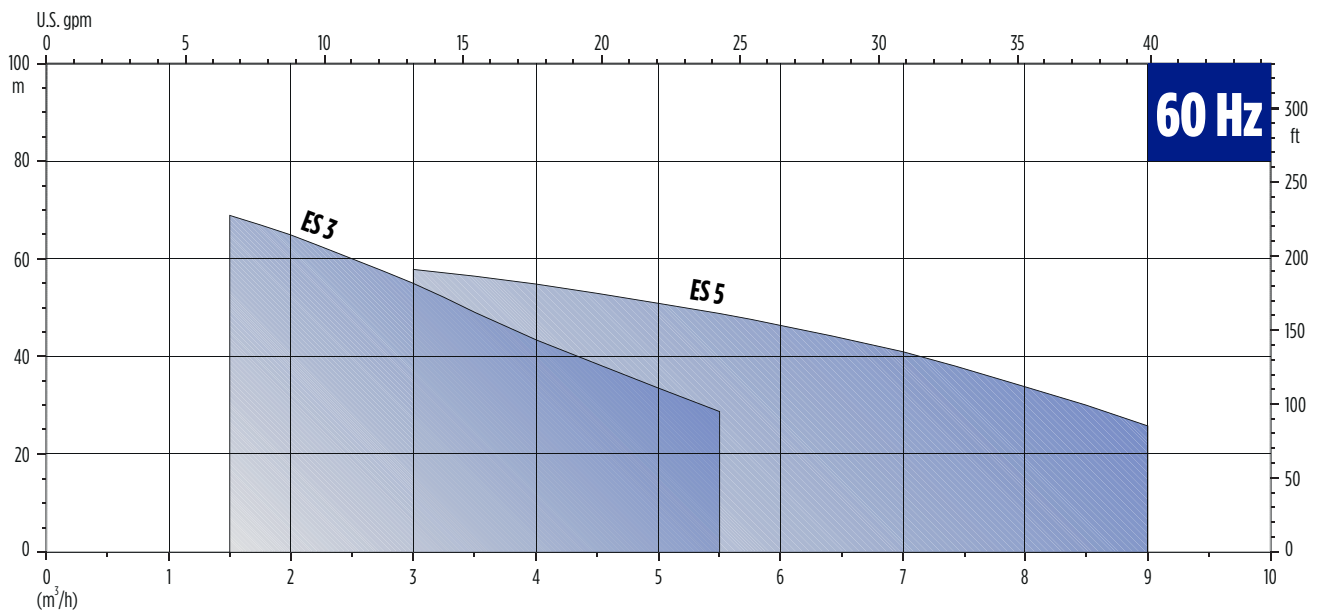
Oil chamber between the two mechanical seal to guarantee minimal wear and prevent dry running

Stainless steel impellers and diffusers for the highest performances

Double mechanical seal to prevent water seepage into the motor



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