



# VN SERIES

5" close-coupled submersible pumps



# NAUTI SERIES (VN): STAINLESS STEEL CLOSE-COUPLED 5" SUBMERSIBLE PUMPS

## NEW STANDARD IN TERMS OF EFFICIENCY AND PUMPING CAPACITY Advanced technology in performance and reliability

### FEATURES

#### ■ **Widest pump range**

NAUTI is the widest pump range of its kind with three different flow capacities. Engineered and built to offer 6 motor sizes either single phase or three phase, 50 or 60 Hertz. Pressure up to 11 Bar and delivery capacity from 1.5 to 16 m<sup>3</sup>/h.

#### ■ **Stainless Steel**

The highest quality material for durability, robustness and rust-free.

#### ■ **Compact close-coupled design**

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

#### ■ **Plug-in type power cable**

This feature allows for easy replacement if necessary or for providing 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 size 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 seal separated by an oil\* chamber. The specific lubrication prevents wear and dry running.

#### ■ **Stainless steel hydraulics**

Like all the components of the NAUTI 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 for easy service without the need of special tools.

### SPECIFICATIONS

- **Capacity:** up to 14 m<sup>3</sup>/h at 50 Hz / 70 GPM at 60 Hz
- **Heads:** 11 bar (110 m) at 50 Hz / 370 feet at 60 Hz
- **Efficiency:** up to 66%
- **Discharge outlet:** 1 1/4" Rp
- **Motor range:** from 0.55 kW to 3 kW

### APPLICATIONS

NAUTI is specially designed for:

- 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 type level control to allow for optional add on

Capsulated motor to assure total impermeability

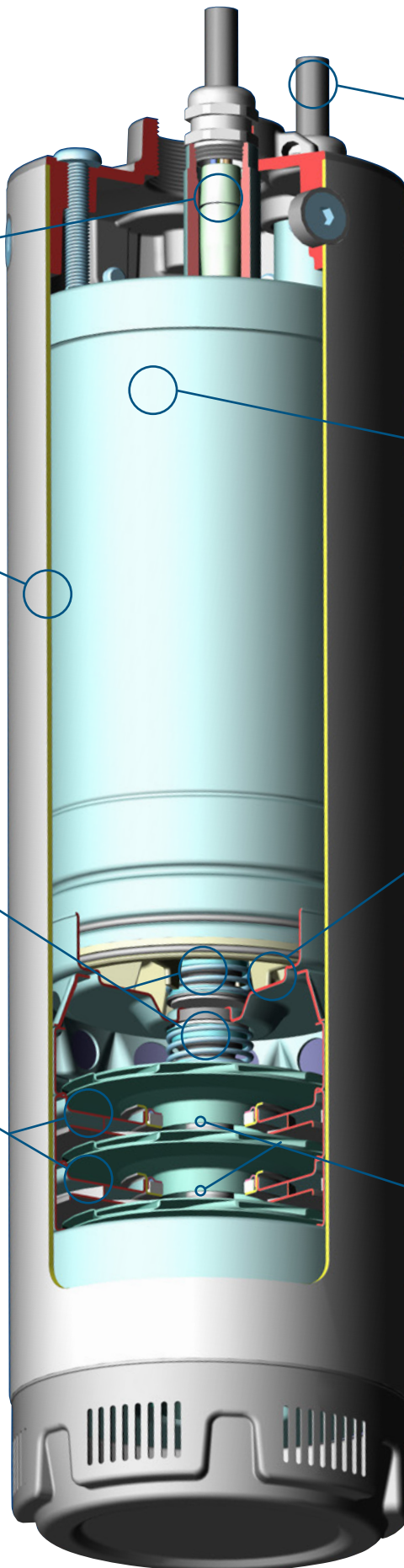
Stainless steel for durability

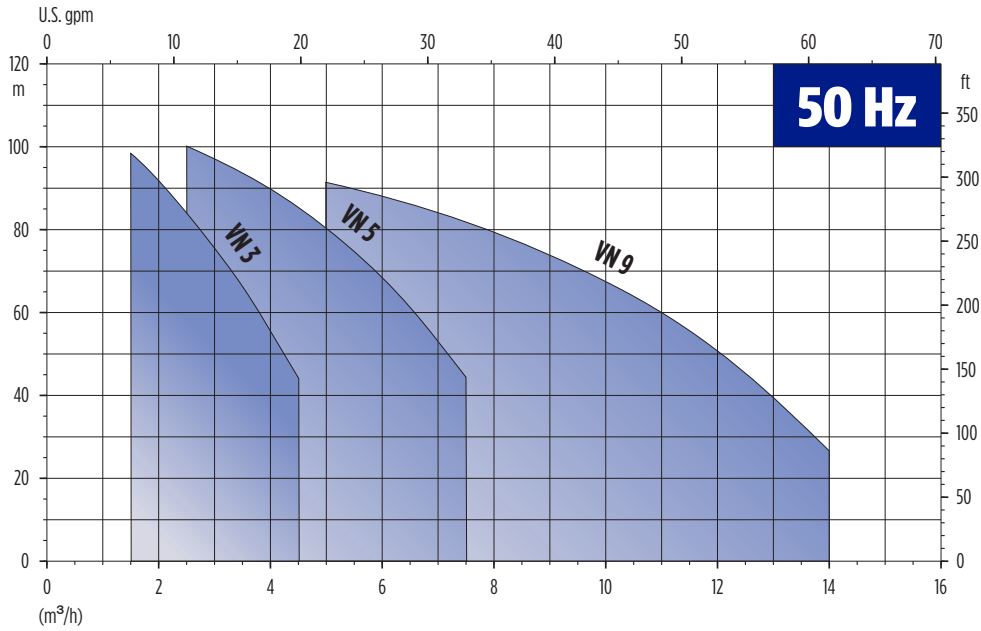
Oil chamber between the two mechanical seal to guarantee minimal wear and prevent dry running

Double mechanical seal to prevent water seepage into the motor

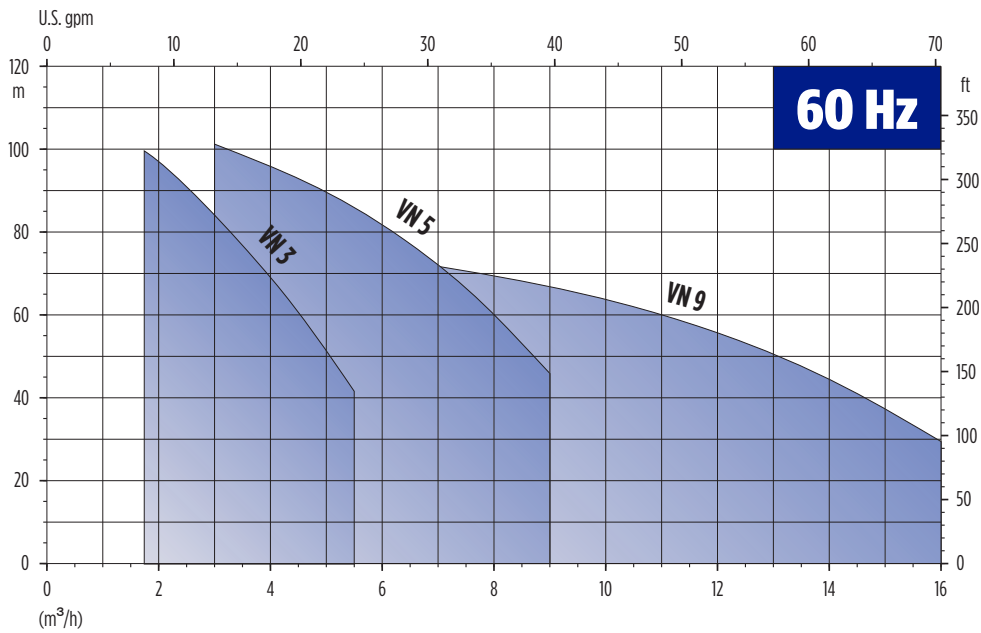
Stainless steel impellers and diffusers for the highest performances

Heavy duty motor shaft to ensure resistance and perfect alignment





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Single member - Company subject to the control  
 and coordination of Franklin Electric Co., Inc.

NOTE: Franklin Electric s.r.l. reserves the right to amend specification without prior notice

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