



**VN**  
series

**VN 3**

**VN 5**

**VN 9**



**5"**  
**close-coupled**  
**submersible**  
**pumps**

# VN Stainless Steel Close-Coupled Submersible Pumps for 6" wells and larger

**New standard in terms of efficiency and pumping capacity**



## SPECIFICATIONS

Capacity:	Up to 14 m³/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:	1¼" Rp
Motor range:	From 0.55 kW to 3 kW



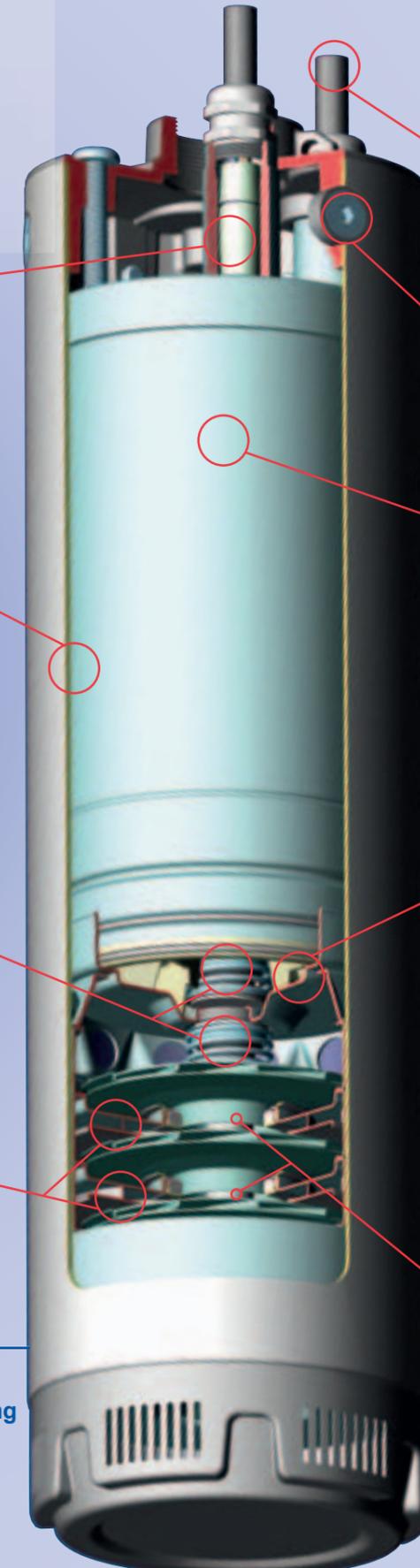
### NAUTI (VN Series) 5" close-coupled submersible pump

#### 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 m³/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, watercourses.
- 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.



Plug-in type power cable to allow for easy replacement



Plug-in type level control to allow for optional add on

Plug-in type level control to allow for optional add on

Capsulated motor to assure total impermeability

Stainless steel for durability

Double mechanical seal to prevent water seepage into the motor

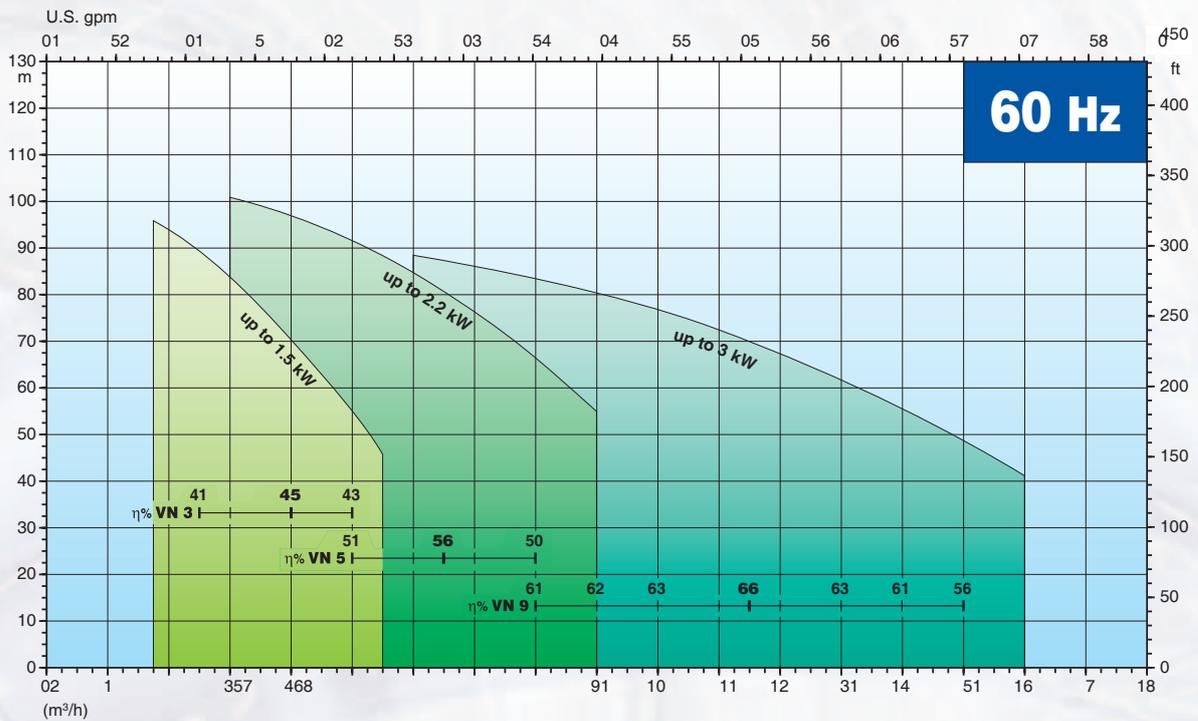
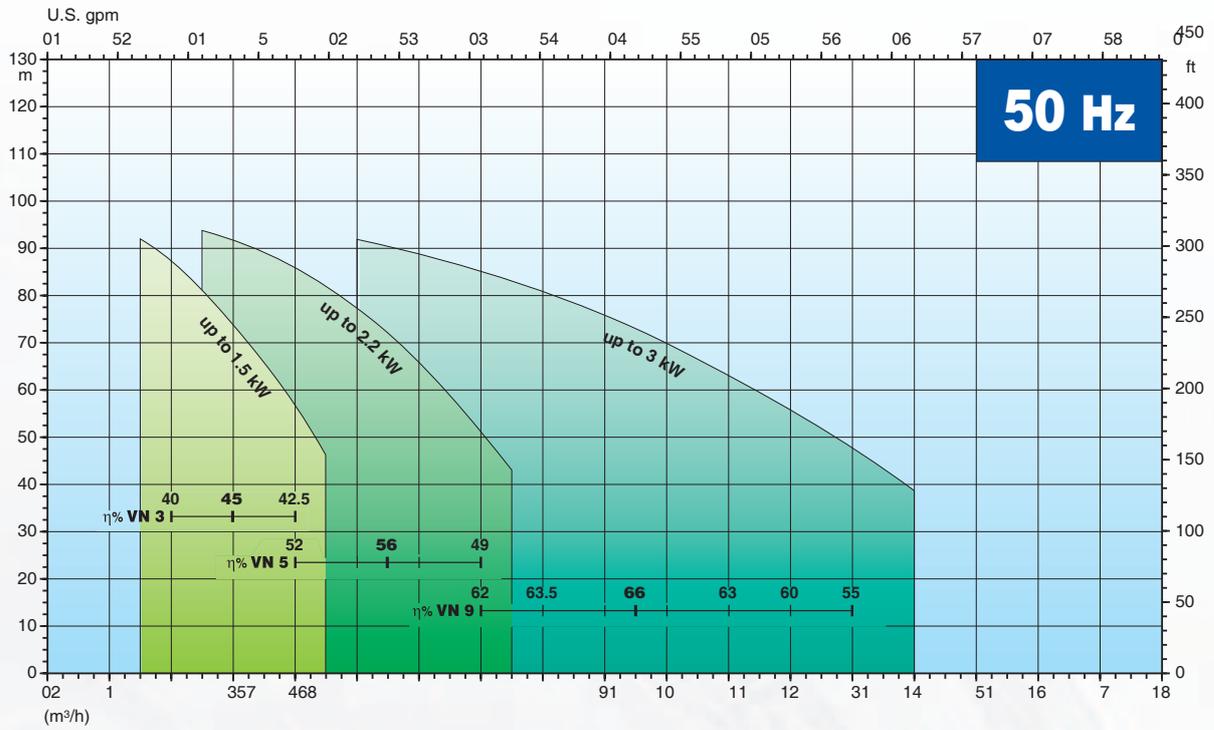
Oil chamber between the two mechanical seal to guarantee minimal wear and prevent dry running

Stainless steel impellers and diffusers for the highest performances

Heavy duty motor shaft to ensure resistance and perfect alignment

## APPLICATIONS

- NAUTI is specially designed for:
- Water distribution / pressure boosting
  - Rainwater collection systems
  - Irrigation / Gardening / Sprinkler
  - Dewatering
  - Wash down unit
  - Fountains / ponds



**Vertical S.r.l.**  
 via Asolo, 7  
 36031 Dueville (Vicenza) - Italy  
 Tel. +39 0444 361114  
 Fax +39 0444 365247  
 P.IVA e C.F. 00558130241  
 e-mail: sales@vertical.vi.it  
 www.etechpumps.com

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