

## 125mm (5") SUBMERSIBLE PUMPS



### CORPORATE HEADQUARTER

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# NAUTI (VN series)

## Stainless Steel Close-Coupled Multistage Submersible Pump for 150mm (6”) wells and larger

### APPLICATIONS

- Water distribution / pressure boosting
- Rainwater collection
- Irrigation / Gardening / Sprinklers
- Dewatering
- Wash down unit
- Fountains
- Other various installations

### FEATURES

- Compact close-coupled design, robust and rust resistant
- Impellers and diffusers are made of stainless steel in order to achieve durability, superior efficiency and the highest performances
- Double mechanical seal separated by an oil\* chamber for maximum motor protection
- \*In compliance with FDA - Food, Drug Administration - and the annex to G.U. no. 104 of 20/04/73 for oils in contact with food stuffs
- Plug-in type power cable and level control (foater) for easy replacement
- Heavy duty over size motor shaft
- Stainless steel water proof capsule to protect the motor
- Motor cooling is guaranteed by the pumped liquid

### SPECIFICATIONS

- Capacities up to 14 m³/h at 50Hz
- Heads up to 11 Bar at 50Hz
- Discharge outlet 1W” Rp
- Maximum working pressure 15 Bar
- Maximum immersion depth 20 m
- Maximum allowable amount of sand 50 gr/m³
- Maximum solids size up to 2 mm
- Liquid temperature range -5°C to 40°C
- Continuous operation either in vertical or horizontal position
- Motor range: 0,55kW to 3kW
- Asynchronous, Class F insulation, IP 68 protection
- 20 m of power cable type H07RN F is supplied with the standard version

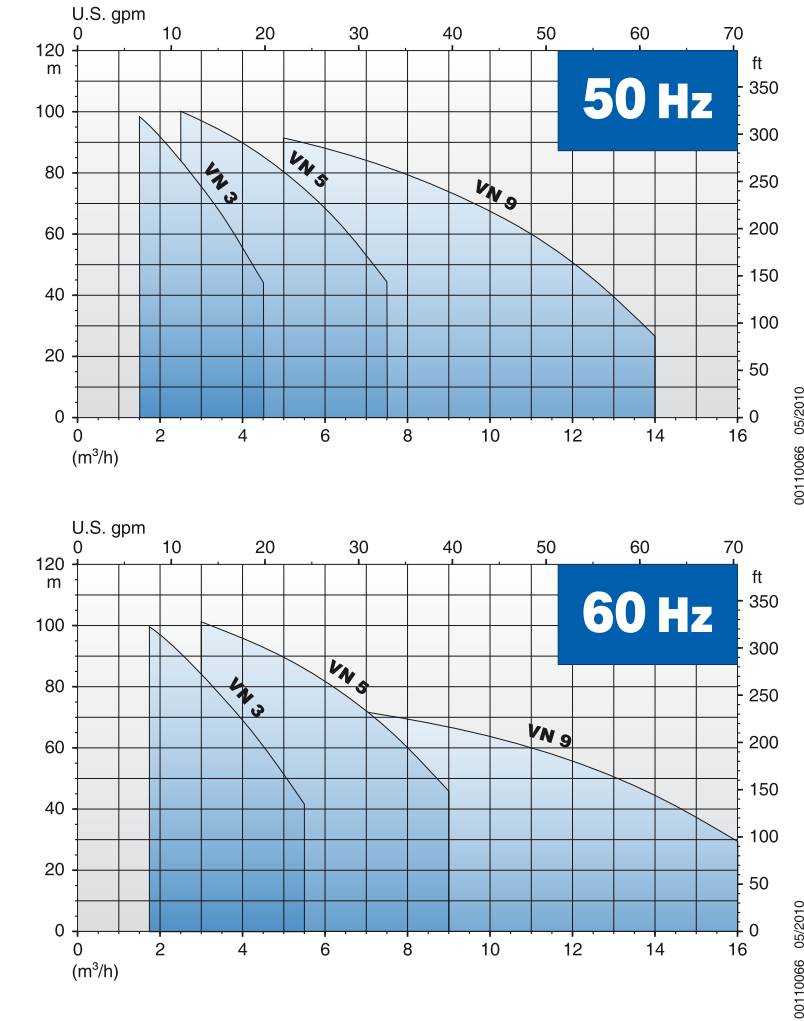
### AVAILABLE ON REQUEST

- Single-phase models equipped with level control
- Various voltages and frequencies
- Various power cable lengths
- Starter panel for single-phase units

### PUMP IDENTIFICATION CODE

VN 3 / 7 T 6

- 60 Hz (without is 50 Hz)
- Three-phase version (without is single-phase)
- No. of stages
- Nominal flow rate in m3/h
- Pump type



MATERIAL IN CONTACT WITH THE LIQUID			
PARTS DESCRIPTION	MATERIAL		
	Type	AISI	DIN / EN
Discharge head	Nickel plated pressed brass alloy		UNI-EN 12165-98
Outer case	Stainless steel	304	1.4301
Suction strainer	Stainless steel	304	1.4301
Motor housing	Stainless steel	304	1.4301
Covers/fanges motor casing	Stainless steel	304	1.4301
Pump shaft	Stainless steel	304	1.4301
Diffuser/s	Stainless steel	304	1.4301
Impeller/s with spacers	Stainless steel	304	1.4301
Upper mechanical seal	Ceramic/Carbon/NBR	-	-
Lower mechanical seal	Ceramic/Carbon/NBR	-	-
Screws and washers	Stainless steel	304	1.4301