

MULTISTAGE ELECTROPUMP VL (in Line)



APPLICATIONS

- Pressurization
- Water distribution
- Water supply from wells or first collecting tanks
- Collecting and distribution of rain-water
- Washing plants
- Irrigation / Gardening / Sprinklers
- Fountains and water games
- Specific applications to cope problems of noise
- Specific applications to cope problems of space-saving

FEATURES

- Born as an evolution of the NAUTI series, the VL is a multifunctional pump, both for submersible and surface use
- Full stainless steel compact and solid structure
- Impellers and diffusers made of stainless steel, in order to reach reliability over time, high efficiencies and excellent performances
- Double mechanical seal separated by an oil chamber to assure the maximum protection of the motor
- Power cable and level control cable fitted with “plug-in” connections, easily replaceable
- External capacitor easily accessible (single-phase only)
- Extremely silent pump thanks to the inside motor, cooled by the pumped liquid itself
- Pump fitted with flanged connections to assure an easy installation in narrow spaces or, more simply, “in line” with the pipeline

SPECIFICATIONS

- Heads up to 14 m³/h and feet up to 11 Bar
- Discharge outlet 1"1/4 Rp
- Suction outlet 1"1/2 Rp
- Discharge and suction outlets prepared for quick connection with oval flanges
- Maximum working pressure: 15 Bar
- Maximum immersion depth: 20 m
- Liquid temperature range: da -5°C a +40°C
- Asynchronous motor, Class F insulation, IP68 protection
- Motor range: 0,55 kW to 3 kW.
- Nominal voltages: Single-phase 220-240 V. ±5%, 50 Hz; Three-phase 380-415 V. ±5%, 50 Hz
- Maximum number of starts per hour: 20
- 1,5 m of power cable type H07RN F included (standard pump version only)
- Continuous operation either in vertical or horizontal position

AVAILABLE ON REQUEST

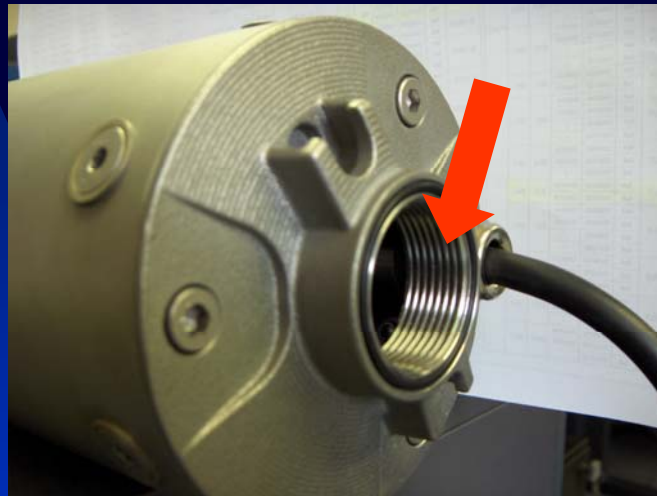
- Single-phase models fitted with level control (floater)
- Control and protection panel for single-phase electropumps
- Various voltages and frequencies
- Various power cable lengths
- Suction outlet 1 1/4" Rp
- Oval counterflanges to be welded
- Oval counterflanges screwed
- Stainless steel flanged connectors for the assembling of simple pressurization groups
- 2-pumps groups assembled with collectors, pressure-switches panel, incorporated check valves and ball valves

VL range a 50 Hz (~2900 rpm)

Motor Power kW	Type / number of stages		
0,55	VL 3/4		
0,75	VL 3/5	VL 5/4	
0,75	VL 3/6		
0,90	VL 3/7	VL 5/5	
1,1	VL 3/8	VL 5/6	VL 9/3
1,5	VL 3/9	VL 5/7	VL 9/4
1,5	VL 3/10	VL 5/8	
2,2		VL 5/9	VL 9/5
2,2		VL 5/10	VL 9/6
3			VL 9/7
3			VL 9/8
3			VL 9/9

STANDARD CONNECTIONS (Suction - Discharge)

Threaded



Prepared for quick connections



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- Control and protection panel for single-phase electropumps



- Oval counterflanges to be welded



- Oval counterflanges screwed



- Stainless steel flanged connectors



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2-pumps groups assembled with collectors, pressure-switches panel, incorporated check valves and ball valves.

