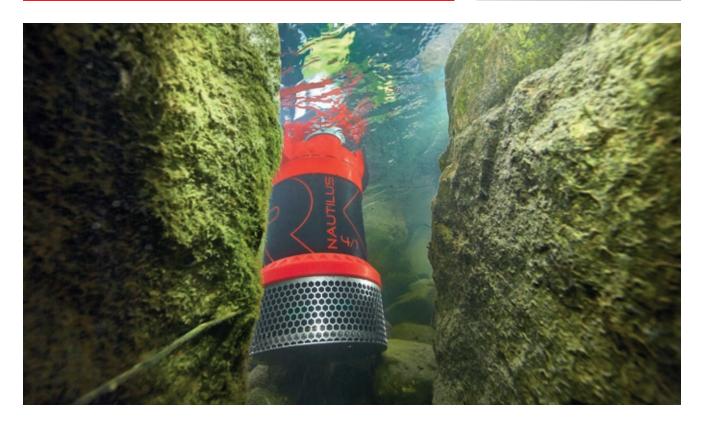
# NAUTILUS 4/1 and NAUTILUS 4/1 ECO

Submersible pump with electric drive





#### Reliable and robust in operation

- Powerful at start-up with little power thanks to starting capacitor
  - NAUTILUS 4/1: Operation with power generator from 5 kVA
  - NAUTILUS 4/1 ECO: Operation with power generator from 3 kVA
- Integrated motor protection relay protects the pump against damage
- A higher intake strainer has plenty of suction inlets even in case of partial contamination – high pump performance is guaranteed.



### High degree of comfort and simple handling

- Flat suction down to 4 mm without additional components that have to be attached or dismantled.
- Oil and maintenance-free electric motor
- Inspection opening for checking the mechanical shaft seal
- Ergonomically shaped carrying handles make carrying comfortable for one or two person(s)
- More space in the coupling area so that attaching and detaching the hoses is easier and faster (can be equipped with all standard coupling systems)
- Can be fitted with all common coupling systems
- More space near the lifting eyelet guarantees compatibility with every carabiner for fast and reliable attachment
- The pump can be easily turned upside down in the area of the impeller for maintenance work without help from a second person (when using a Storz B coupling)
- Because the suction strainer is mounted with only three screws, it is easy to remove and, therefore, it is possible to free the impeller as quickly as possible from cords, etc.
- Compatible with existing vehicle mounts

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#### **Technical data**

Туре	NAUTILUS 4/1				NAUTILUS 4/1 ECO				
Supply voltage	230 V / 1 ~ / 50 Hz		230 V / 1 ~ / 60 Hz		230 V / 1 ~ / 50 Hz		115 V / 1 ~ / 50 Hz		
Power consumption	2.07 kVA cos φ 0.99		2.07 kVA cos φ 0.99		1.84 kVA cos φ 0.98		1.73 kVA cos <b>φ</b> 0.98		
Power output	1.49 kW		1.54 kW		1.2 kW		1.1 kW		
Nominal current	9 A				8 A		15	15 A	
Connection cable	H07RN-F 3G1.5				HO7RN-F3G1.5 H07BQ-F 3G2.5				
Cable length	20 m								
Discharge connection	G 2 ½ " AG								
Particle screen (Ø)	8 mm								
Weight with cable		23	kg		22 kg				
Dimensions (Ø x H)		250 x 4	155 mm		250 x 436 mm				
Nominal delivery rate	400 I / min. at 1 bar (= 10 m discharge height)					-			
Performance data	Flow (I / min.)	Pressure (bar)	Flow (I / min.)	Pressure (bar)	Flow (I / min.)	Pressure (bar)	Flow (I / min.)	Pressure (bar)	
	710	0.0	740	0.0	670	0.0	700	0.0	
	640	0.5	620	0.6	600	0.5	580	0.5	
	510	1.0	480	1.0	420	1.0	360	1	
	260	1.5	250	1.5	150	1.5	250	1.25	
	0	1.6	0	1.75	0	1.7	0	1.6	
Environmental temperature	-15 to 35 °C								
Pumped medium temp.	0 to 35 °C, temporary up to max. 60 °C								
Pumped medium pH value	6 to 8								
Immersion depth	18 m								
Motor coil insulation class	F (155 °C)								
Protection class	Pump without plug IP 68								

## Ordering data NAUTILUS 4/1

977234-001	NAUTILUS 4/1, STORZ B coupling, 230 V 50 Hz, Schuko			
977234-002	NAUTILUS 4/1, coupling BS 336 2 ½ " female, 230 V 50 Hz, Schuko			
977234-003	NAUTILUS 4/1, coupling BSP 2 ½ " AG, 230 V 50 Hz, Schuko			
on request	NAUTILUS 4/1 SWISS coupling STORZ B, plug according to SEV 5934			

### Ordering data NAUTILUS 4/1 ECO

16146A-001	NAUTILUS 4/1 ECO, STORZ B coupling, 230 V 50 Hz, Schuko
on request	NAUTILUS 4/1 ECO GB 115 V/ 50 Hz coupling BS 2 2 ½ " female, CEE3



