

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

Type	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 ϕ 0.98	
Power output	1.49 kW		1.54 kW		1.2 kW		1.1 kW	
Nominal current	9 A				8 A		15 A	
Connection cable	H07RN-F 3G1.5				H07RN-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 455 mm				250 x 436 mm			
Nominal delivery rate	400 l / min. at 1 bar (= 10 m discharge height)						-	
Performance data	Flow (l / min.)	Pressure (bar)	Flow (l / min.)	Pressure (bar)	Flow (l / min.)	Pressure (bar)	Flow (l / 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