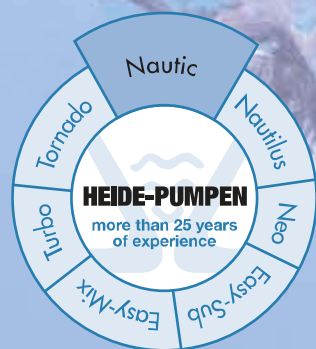




NAUTIC

The tough submersible pump from HEIDE

for heavy duty, construction site dewatering and tunnel construction



ISO 9001
BUREAU VERITAS
Certification



NAUTIC 400

submersible dewatering pump

Application range: Tunnel construction, building industry, mining, industry and community

Construction notes:
Double outer casing allows the pump to run to low water level.

The thermal motor protection, combined with an external motor protection plug builds a maximum assurance against motor failures. A level control system is also available, if water flow is variable.

The HEIDE guard system which is integrated in the pump head protects against overheating, in case rotor blocking, uneven phases, voltage fluctuation and single-phase running at three-phased motors.

Before operation please connect with a protection plug or insert to a switchboard, which is prepared for the motor-current.

Caution! The electrical installations must conform to national and local regulations.

Additional options: wear-resistant impeller, control systems, pipes, accessories and hoses

Contents of delivery: pump with bare cable end (20m H07RN-F)

Please consider our general business conditions.

ALL PUMPS AVAILABLE IN RENTAL FLEET.

The data given, must not be considered binding, Heide-Pumpen reserves the right to alter and improve the products at any time, without prior warning.



NAUTIC 400

submersible residue dewatering pump

For flat surface areas up to 2 mm water level
NAUTIC is an ideal pump sucking water up to 2 mm water level without any problems. Even the smallest puddles can be sucked.

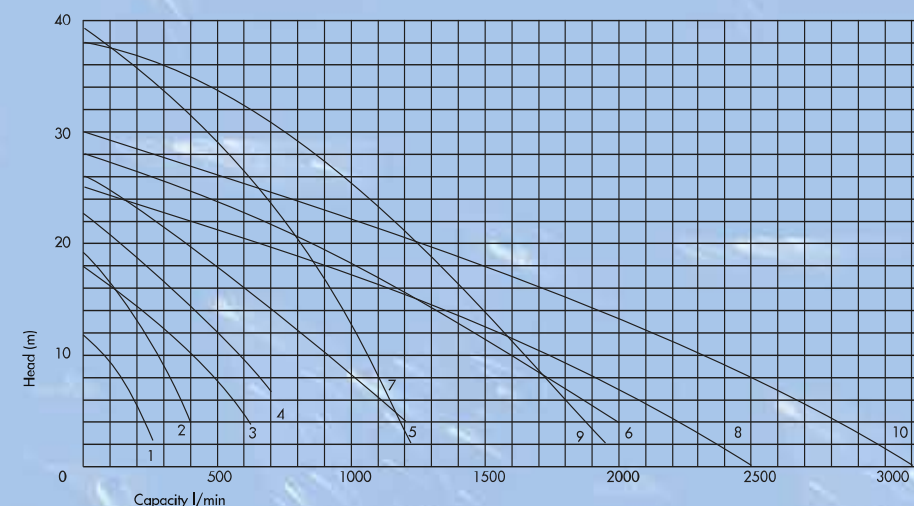
This is a perfect pump to remove residual water down to 2mm from flat roofs, garages, cellars and swimming pools, especially for surface areas, where a pump sump is not available.

Construction notes:
double mechanical seal / silicon carbide

The superior design and the double outer casing allows an uninterrupted operation.

The robust motor with protection against dry running and overheating provides a maximum of reliability against engine failures.

The rubber base plate prevents that sensitive surfaces are damaged.

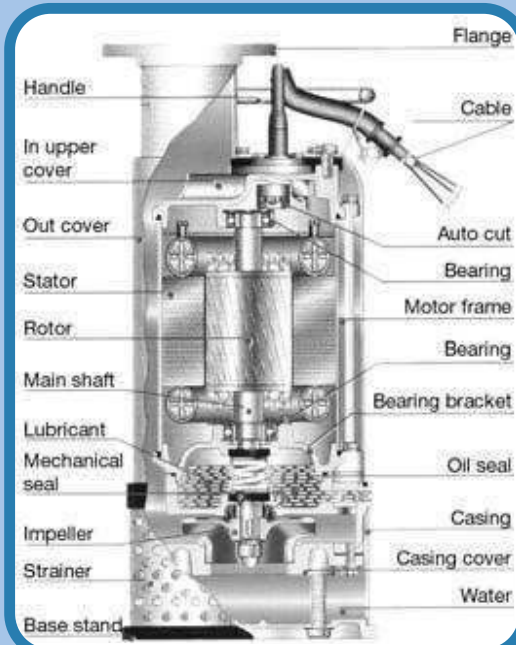


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- for heavy duty -

NAUTIC



Application range

- dispose suspension
- dewatering of tunnel construction sites
- drainage systems
- drain cavities, shafts and containers
- removal of water from rivers and ponds
- circulating and venting of ponds

Specifications

Pump	Power	0,4 - 7,5 kW	
	Liquid temp.	0 - 40 °C	
	Liquid nature	Drainage, waste water and sewage, up to 11 mm from tunnel- and building construction, industry	
	Max depth	30 m	
Structure	Impeller	Vortex	
	Mech seal	Double mechanical seal, add. Lipseal	
Material	Out cover	stainless steel	
	Upper cover	cast iron - GG 20	
	Casing	cast iron - GG 20	
	Impeller	HCR	
M. seal	SIC/SIC		
Motor	Type	IP 68, w t installation	
	HEIDE-guard-System	Automatic HEIDE guard system	
	Material	Housing	1.4301 stainless steel
		Shaft	1.4301 stainless steel
Cable		H07 RN-F	



Specifications

Type	Pos	Power (kW)	Current (A)	Discharge mm	Speed 1/min	Head max m	Capacity max l/min	Dimensions ø mm	Height mm	Weight kg	Length of cable m
NAUTIC											
400 W	1	0,4	2,5	2"	2900	1	250	179	332	12	10
400 W Residue pump	1	0,4	2,5	R 1"	2900	11	250	205	336	15,5	10
600 N-CW	2	1,1	7,6	50	2900	20	500	210	496	29	20
600 N-CD	2	1,1	2,8	50	2900	20	500	210	437	25	20
1 N-CW	3	1,5	9,8	80	2900	18	750	252	616	44	20
1 N-CD	3	1,5	3,4	80	2900	18	750	252	536	39	20
2 N-CW	4	2,2	14,5	80	2900	22	850	252	616	47	20
2 N-CD	4	2,2	4,9	80	2900	22	850	252	536	42	20
3 N-CD	5	3,7	8,4	80	2900	26	1400	252	569	47	20
35 N-CD	6	5,5	11,6	100	2900	28	2000	286	636	74	20
35 H-CD	7	5,5	11,5	100	2900	39	1250	286	636	74	20
35 V-CD	8	5,5	11,5	100	2900	25	2500	286	636	78	20
4 N-CD	9	7,5	15,0	100	2900	38	2000	286	636	76	20
4 V-CD	10	7,5	14,8	100	2900	30	3100	286	636	80	20

Accessories



Accessories

- Protection plug
- Automatic control panel
- Lifting ropes / chains
- Hoses and pipes