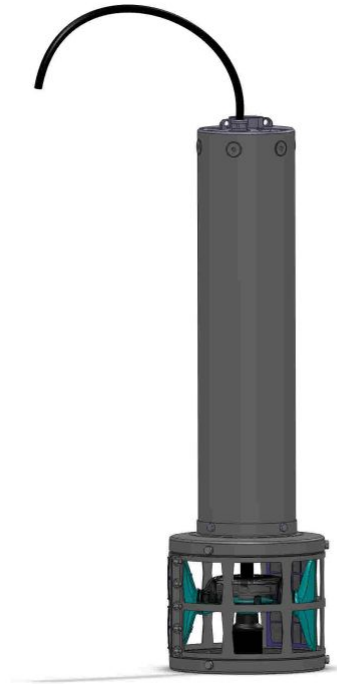


Submersible Filter Pumps with Self-Cleaning Intake Filters Nauti Range Technical Specifications



Nauti Submersible Filter Pumps with Integral Self Cleaning Intake Filter

Nauti range self-cleaning filter pumps with Integrated Self-Cleaning Intake Filters have a maximum output of 220 litres/minute and pressure of 10 bar. They can be fitted with 60, 100 or 300 micron aperture self cleaning filter screen as standard. Stainless steel mesh options are available. Rotorflush Filter Pumps are suitable for pumping water with a total suspended solids loading not exceeding 2000 mg / litre depending on flow rate. They produce a filtered output of fluid which prevents blockage to nozzles, valves and solenoids.

Nauti range pumps are available in single or three phases. Note it is recommended that Rotorflush Filter pumps are fitted with dry run protection.

Key Features

- Removes suspended solids down to 60 microns
- Pump and self-cleaning filter in one unit
- Ease of installation
- High reliability and easy to use
- 100 metre maximum head
- 220 litres per minute maximum flow
- Multistage pumps
- Reduced capital, installation and maintenance costs
- All Stainless Steel including impellers

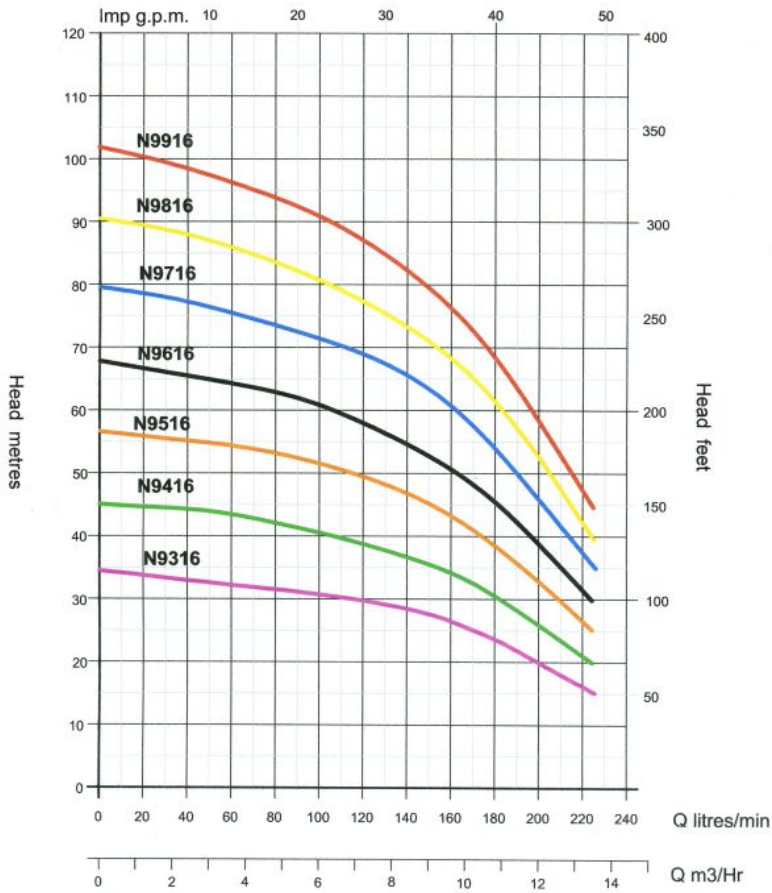


Nauti Range Technical Specifications

| | Model | Volts | kW | Outlet | L/min Max | H (metres) Max | Optional Float Switch | Single or Three Phase |
|--|-------|---------|-----|--------|-----------|----------------|-----------------------|-----------------------|
| | N9316 | 240 | 1.1 | 1 1/4" | 225 | 35 | Yes | Single |
| | N9416 | 240/415 | 1.5 | 1 1/4" | 225 | 45 | Yes | Both |
| | N9516 | 240/415 | 2.2 | 1 1/4" | 225 | 57 | No | Both |
| | N9616 | 240/415 | 2.2 | 1 1/4" | 225 | 67 | No | Both |
| | N9716 | 415 | 3.0 | 1 1/4" | 225 | 79 | No | Three |
| | N9816 | 415 | 3.0 | 1 1/4" | 225 | 90 | No | Three |
| | N9916 | 415 | 3.0 | 1 1/4" | 225 | 103 | No | Three |



Nauti Range Performance Curves



Nauti Range Dimensions

| Dimensions (mm) | Model No | | | | | | |
|--------------------------|----------|--------|--------|--------|--------|--------|--------|
| | N93-16 | N94-16 | N95-16 | N96-16 | N97-16 | N98-16 | N99-16 |
| Height | 50 | 730 | 760 | 790 | 820 | 850 | 880 |
| Filter Diameter | 220 | 220 | 220 | 220 | 220 | 220 | 220 |
| Single Phase Weight (Kg) | 20.7 | 23.7 | 25.7 | 26.2 | - | - | - |
| Three Phase Weight (Kg) | - | 21.2 | 24.2 | 24.7 | 26.7 | 27.2 | 27.7 |

Self Cleaning Intake Filter Construction

| | |
|--------------------------|---|
| Filter screen area | 525 cm2 |
| Screen sizes standard | 60,115 and 300 micron available |
| Screen material | Standard is nylon, sintered stainless steel is also available |
| Impeller extension shaft | Acetal |
| Impeller | 304 stainless steel |
| Rotor | Acetal |
| Rotor Bearings | Silicon Carbide / Acetal |
| Filter cage | AISI 304 |

