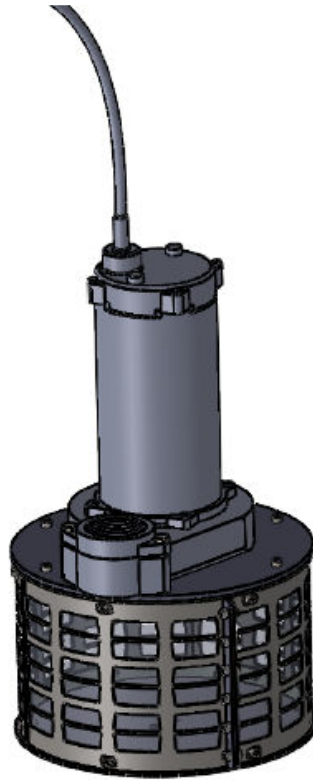


Rotorflush RUBI 80SFQ21.5-400AR Range Self-cleaning Filterpump

General Specifications

General Arrangements



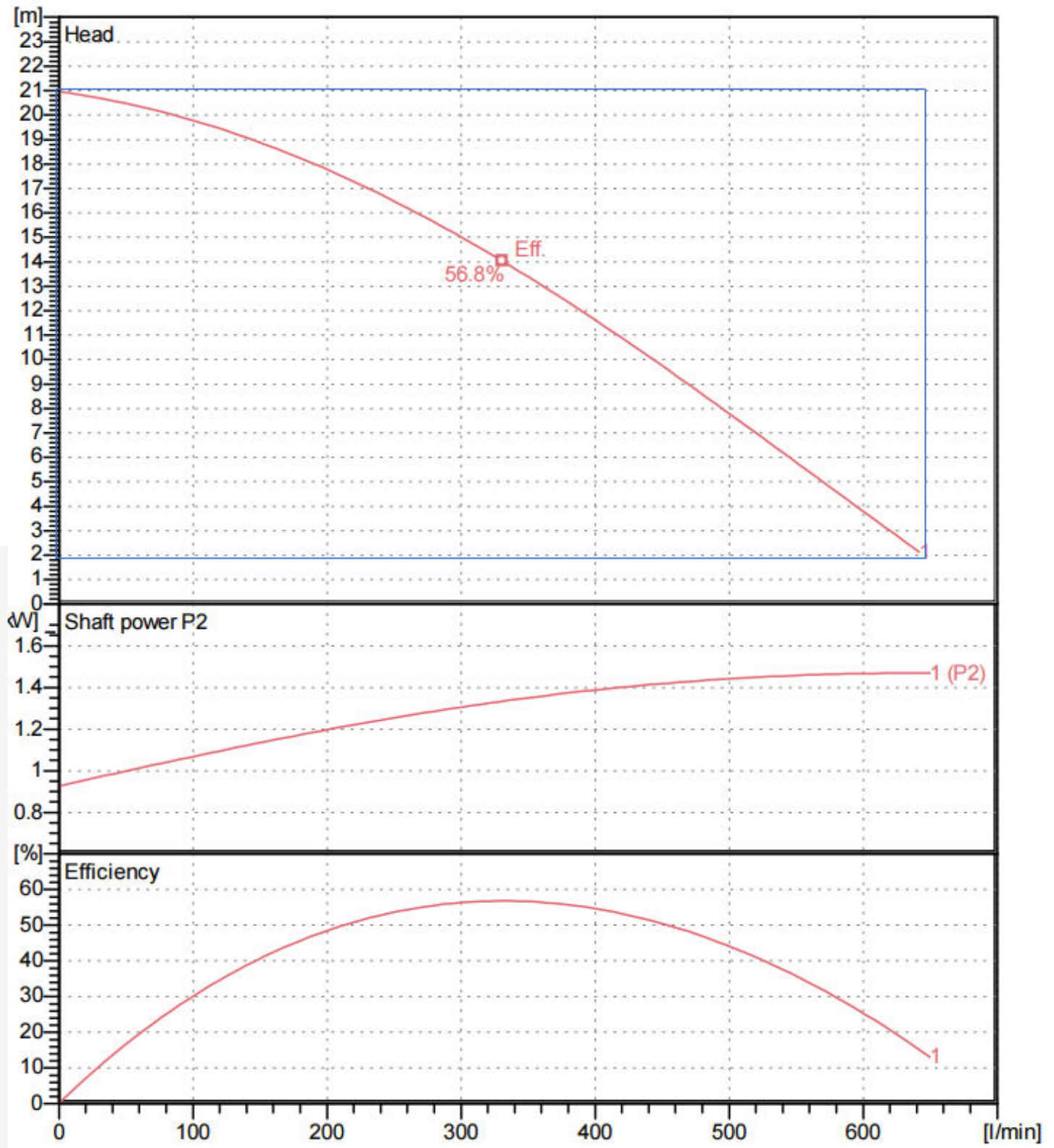
Key Features

- Integral self-cleaning filter
- 316 Stainless steel filter mesh
- Filter mesh from 315 micron – 3 mm
- Reliable and low maintenance
- Continuous backwash whenever water is being pumped
- Capital, installation and maintenance costs reduced
- All stainless steel filter cage construction

Rotorflush RUBI 80SFQ21.5-400AR Range Self-cleaning Filterpump

General Specifications

Performance Curves



Rotorflush RUBI 80SFQ21.5-400AR Range Self-cleaning Filterpump

General Specifications

Pump Specification

Specification

Electric submersible pump
Degree of protection IP 68
Depth of submersion max. 15 m
Type of impeller Semi-open
Max. solid handling 6 mm
Suitable for:
corrosive liquids

Electric motor

Dry-type submersible induction motor
Insulation class F 2 Poles 2910
Starting mode Directly
Rated voltage 400 V 50 Hz
Power uptake 2.07 kW
Rated power 1.50 kW
Rated current 3.8 A
Start current 35.0 A

Cable

10m H07RN-F 4Cx1,5mm²

Motor Protection

Miniature protector in windings
(snap-action bi-metal device)

Shaft seal

Double inside mechanical seal in oil bath
additional lubrication by oil lifting device

Primary seal

Silicon carbide on silicon carbide

Secondary seal

Silicon carbide on silicon carbide

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller	SCS14 (SUS GX5CrNiMo19-11-2)
Pump casing	SCS14 (SUS GX5CrNiMo19-11-2)
Suction cover	SCS14 (SUS GX5CrNiMo19-11-2)
Motor Frame	SCS14 (SUS GX5CrNiMo19-11-2)
Shaft	SUS316 (EN-X5CrNiMo17-12-2)

Discharge size

80mm JIS10K flange

Weight

36 kg (dry weight of the pump only without cable)

Rotorflush RUBI 80SFQ21.5-400AR Range Self-cleaning Filterpump

General Specifications

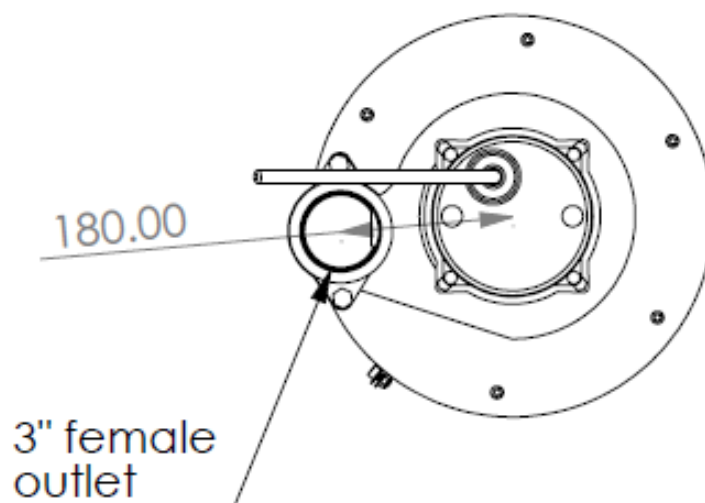
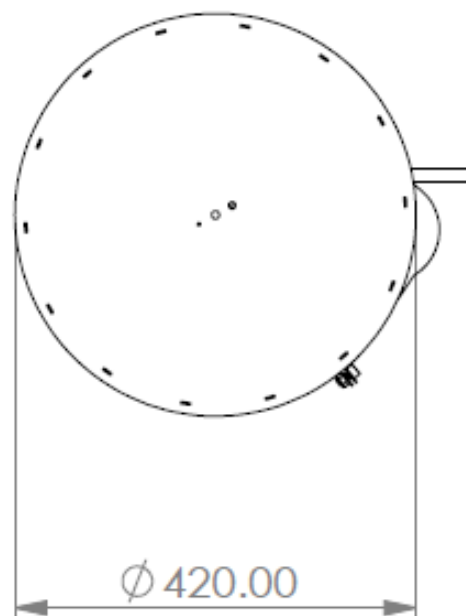
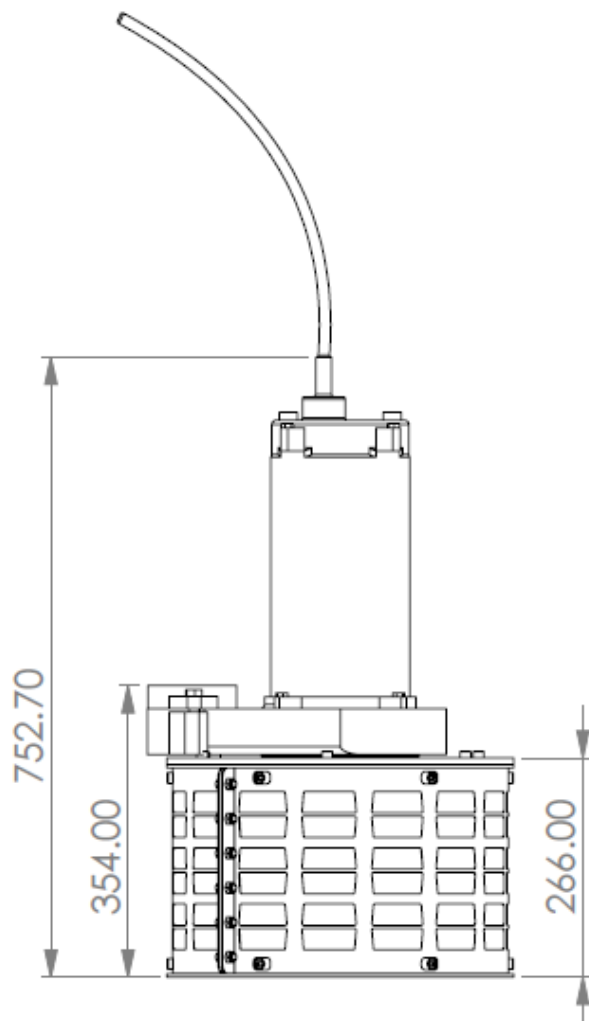
Self-cleaning Filterpump Specification

Self-cleaning Filter Construction	
Filter Screen Area	2500cm ²
Standard Screen Sizes	315 micron, 1mm, 2mm
Filter mesh	316 Sintered stainless steel mesh (315 micron) 316 Stainless steel woven mesh (1mm and 2mm)
Impeller Extension Shaft	Stainless Steel
Impeller	Stainless steel
Rotor	ABS (Acrylonitrile Butadiene Styrene)
Rotor Bearings	Silicon Carbide
Filter Cage	Stainless Steel
Cleaning Jets	Natural Rubber Jets, Stainless Steel Clips

Rotorflush RUBI 80SFQ21.5-400AR Range Self-cleaning Filterpump

General Specifications

Dimensions



Approx weight 60kg

*Dimensions and weights are approximate