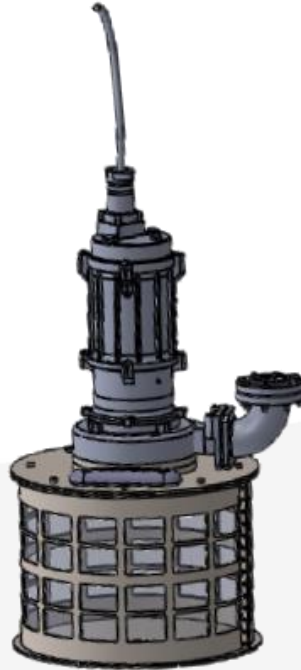


Rotorflush RUBI 80SFQ27.5-600AR Range Self-cleaning Filterpump

General Specifications

General Arrangements



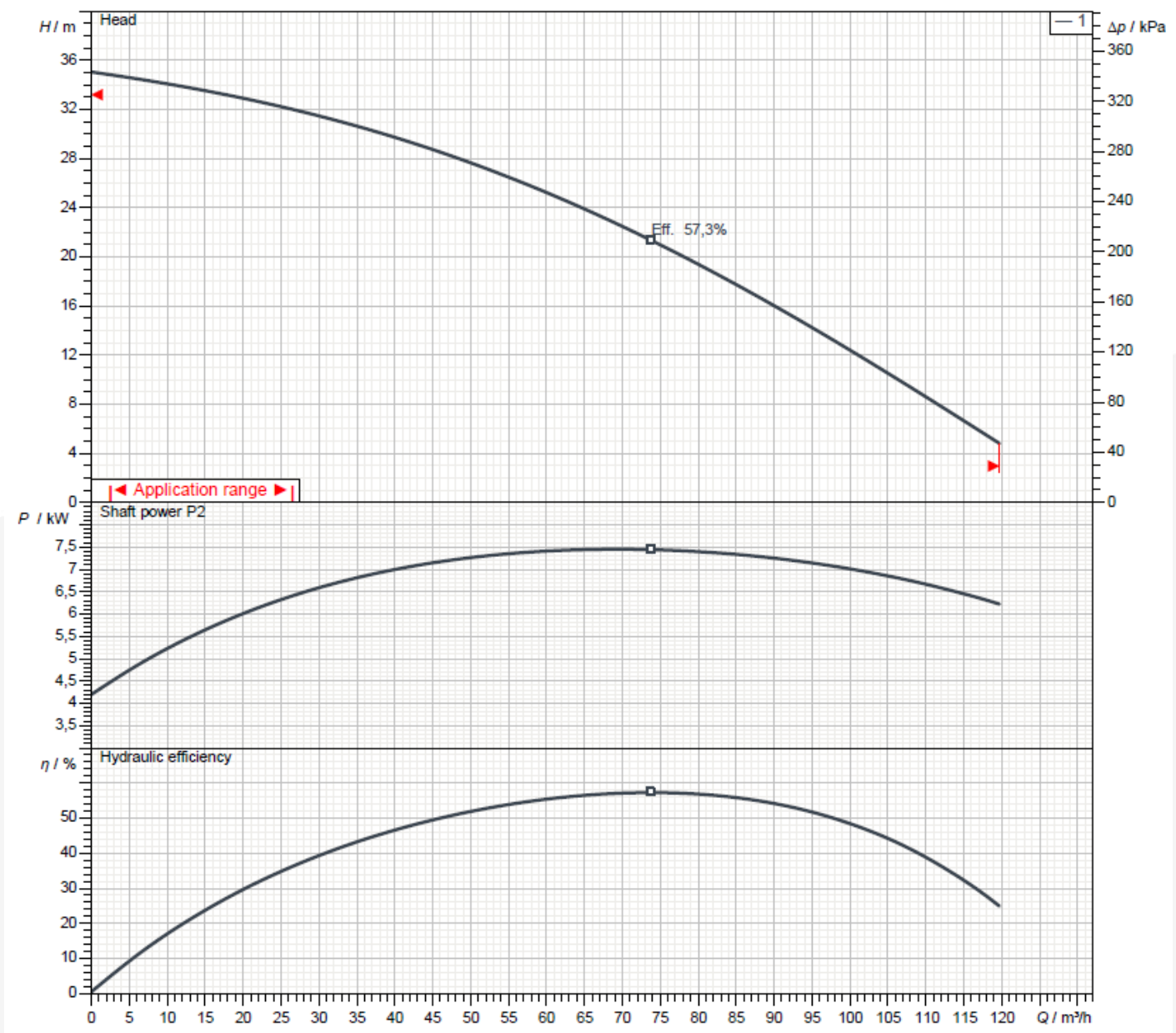
Key Features

- Integral self-cleaning filter
- 316 Stainless steel filter mesh
- Filter mesh from 1 – 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 80SFQ27.5-600AR Range Self-cleaning Filterpump

General Specifications

Performance Curves



Rotorflush RUBI 80SFQ27.5-600AR Range Self-cleaning Filterpump

General Specifications

Pump Specification

Degree of protection	IP 68	Dry-type submersible induction motor		
Depth of submersion	max. 15 m	Insulation class	F	2 Poles 2945 1/min
Type of impeller	Semi-open	Starting mode	Direct starting	
Max. solid handling	30 mm	Rated voltage	400 V	50 Hz 3~
Suitable for: corrosive liquids		Power uptake	8,68 kW	
		Rated power	7,50 kW	
		Rated current	14,3 A	
		Start current	118,0 A	

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)

Rotorflush RUBI 80SFQ27.5-600AR Range Self-cleaning Filterpump

General Specifications

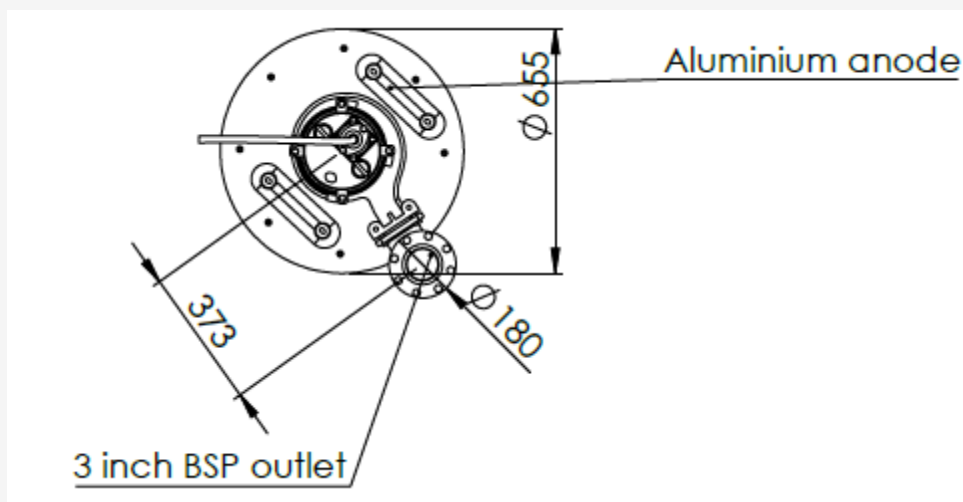
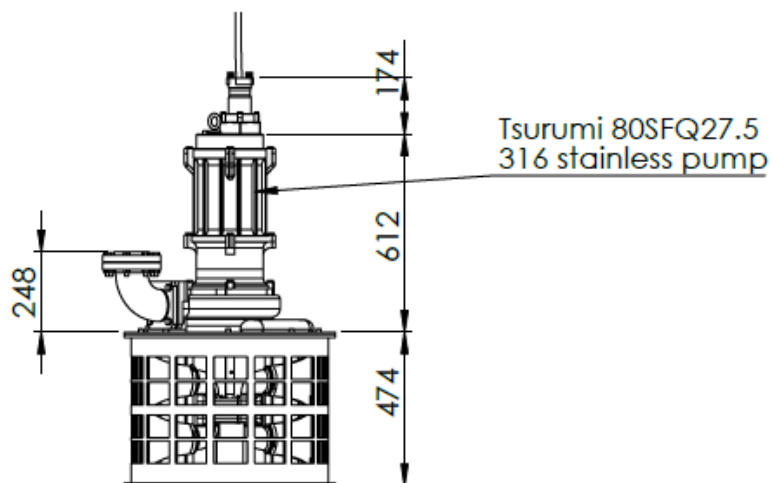
Self-cleaning Filterpump Specification

Self-cleaning Filter Construction	
Filter Screen Area	5600cm2
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 80SFQ27.5-600AR Range Self-cleaning Filterpump

General Specifications

Dimensions



Approx weight 220kg

*Dimensions and weights are approximate