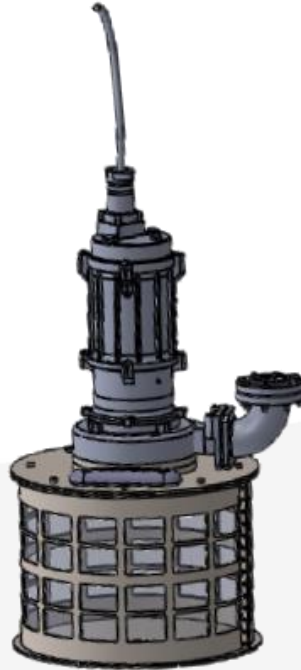


# Rotorflush RUBI 80SFQ211-600AR Range Self-cleaning Filterpump

## General Specifications

### General Arrangements



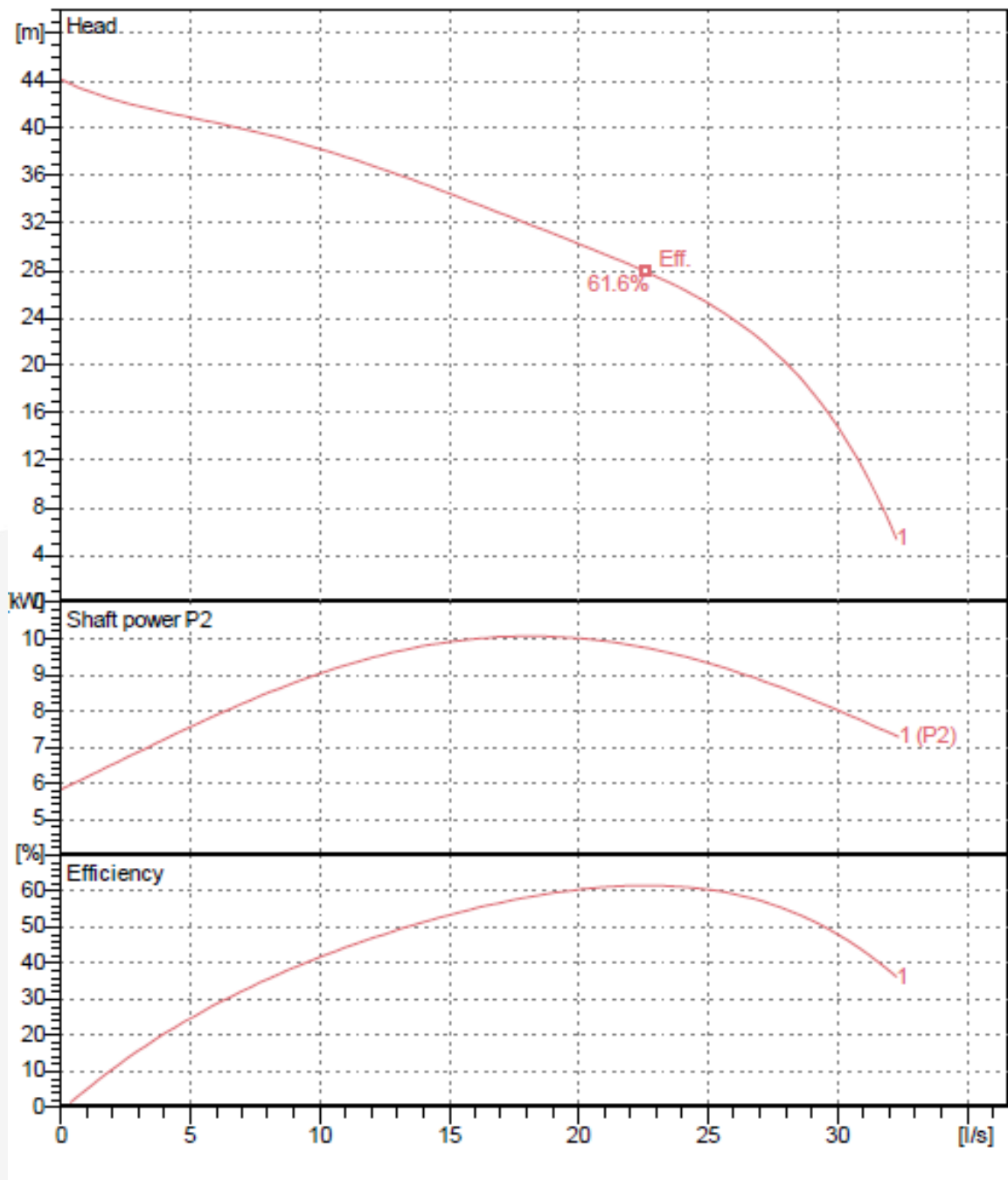
### Key Features

- 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 80SFQ211-600AR Range Self-cleaning Filterpump

## General Specifications

### Performance Curves



# Rotorflush RUBI 80SFQ211-600AR 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 2935 1/min |
| Type of impeller                   | Semi-open | Starting mode                        | Star-delta           |
| Max. solid handling                | 30 mm     | Rated voltage                        | 400 V 50 Hz 3~       |
| Suitable for:<br>corrosive liquids |           | Power uptake                         | 12.60 kW             |
|                                    |           | Rated power                          | 11.00 kW             |
|                                    |           | Rated current                        | 21 A                 |
|                                    |           | Start current                        | 157.9 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 80SFQ211-600AR Range Self-cleaning Filterpump

## General Specifications

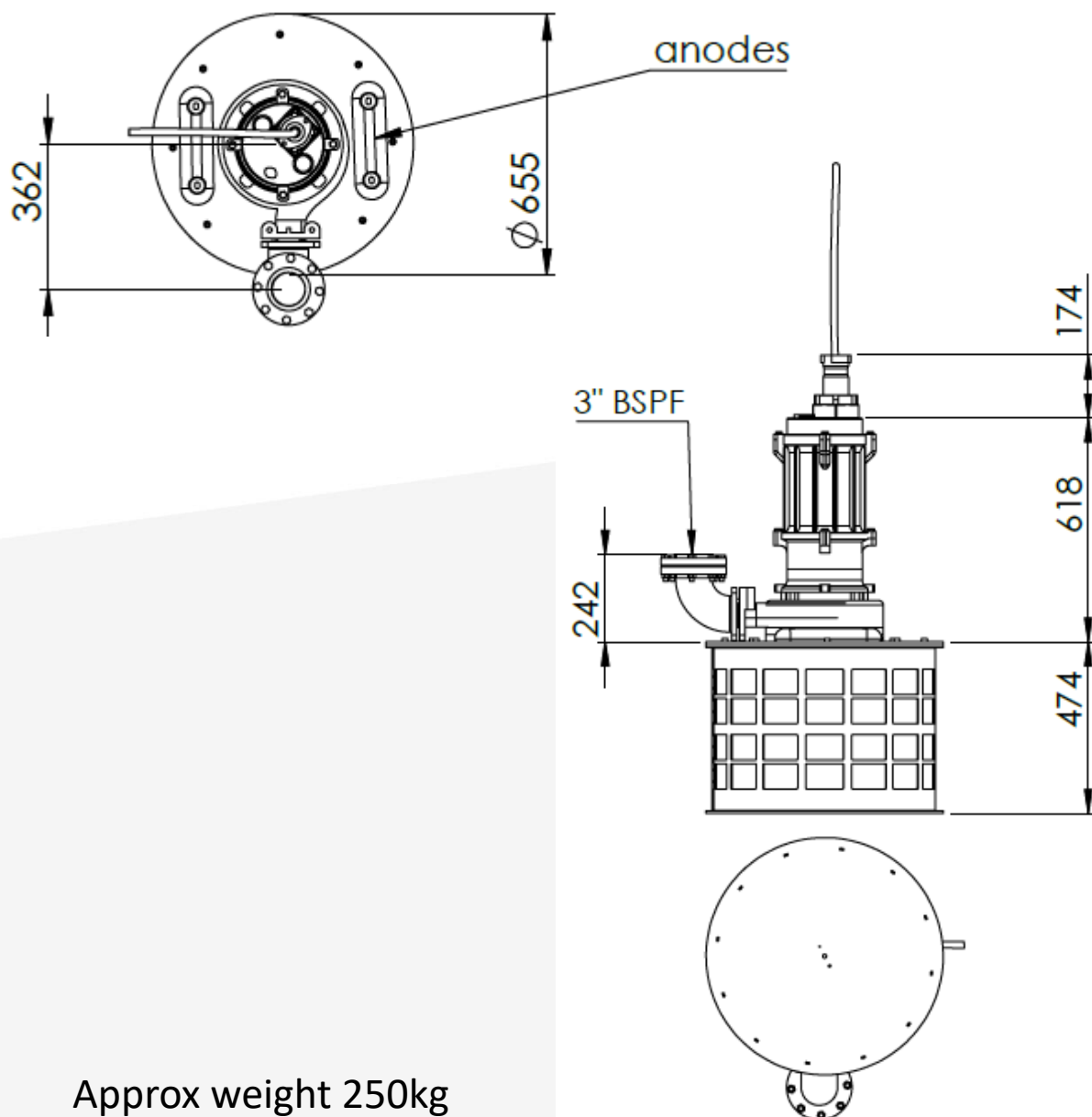
### Self-cleaning Filterpump Specification

| Self-cleaning Filter Construction |                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------|
| Filter Screen Area                | 5600cm2                                                                                        |
| Standard Screen Sizes             | 315 micron, 1mm, 2mm                                                                           |
| Filter mesh                       | 316 Sintered stainless steel mesh (315 micron)<br>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 80SFQ211-600AR Range Self-cleaning Filterpump

## General Specifications

### Dimensions



Approx weight 250kg

\*Dimensions and weights are approximate