

# BADU® Alpha Eco Soft

New standard for small pools with variable speed motor.  
The most efficient pump ever.

## Field of application

Swimming pool water circulation through a filter system.  
The pump can be installed max. 2 m above or 3 m below water level.

## Design

Monoblock-type pump with integrated strainer tank.  
The bellow-type mechanical seal is mounted on a plastic shaft protector sleeve. Motor/pump shaft has no contact with the pool water providing complete electrical separation.  
Strainer tank capacity ..... approx. 1.0 l  
Strainer basket mesh size ..... approx. 2.8 x 2.8 mm

## Materials used

Pump casing ..... PP  
Housing cover ..... PP GF 30  
Impeller ..... PPE GF 30  
Strainer basket ..... PP  
Lid ..... PC, transparent/ABS  
Glue sockets ..... ABS  
Mechanical seal ..... carbon/ceramic/NBR  
Screws ..... stainless steel  
Elastomers ..... NBR

| Technical data at 50/60 Hz                                           |          | BADU Alpha Eco Soft |
|----------------------------------------------------------------------|----------|---------------------|
| Inlet Sa/outlet connection Da d <sup>4)</sup>                        |          | 50/50               |
| Rec. inlet/outlet pipe, PVC pipe, d <sup>4)</sup>                    |          | 50/50               |
| Power input P <sub>1</sub> /output P <sub>2</sub> <sup>1)</sup> (kW) | 1~ 230 V | 0.04-0.75/0.02-0.50 |
| Rated current (A)                                                    | 1~ 230 V | 0.30-3.20           |
| Net weight (kg)                                                      | 1~       | 7.00                |

For more detailed information regarding the motor protection please see page 143.

Technical data may vary.

| Article no   | Description         | Voltage  | Power output P <sub>2</sub> |
|--------------|---------------------|----------|-----------------------------|
| 210.4000.038 | BADU Alpha Eco Soft | 1~ 230 V | 0.50 kW                     |

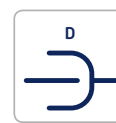
Universal opening device included in delivery. See page 132.



< NEW with analog input  
0-10 V and 4-20 mA

< Noise-optimised motor.  
Ideal use of the motor capacity

Circulation pumps, energy-saving



## Performance

## Dimensions

Detailed dimensions available on request or at badu.de

