

# BADU® Magic II

The ideal introductory pump with many connection variations.  
Tried and tested in small to medium-size filter units.

## Field of application

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

## Design

Monoblock-type pump with integrated strainer tank.  
The bellows-type mechanical seal is mounted on a plastic shaft protector sleeve. Motor/pump has no contact with the pool water providing complete electrical separation.  
Strainer tank capacity ..... approx. 0.5 l  
Strainer basket mesh size ..... approx. 2.8 x 2.8 mm

## Materials used

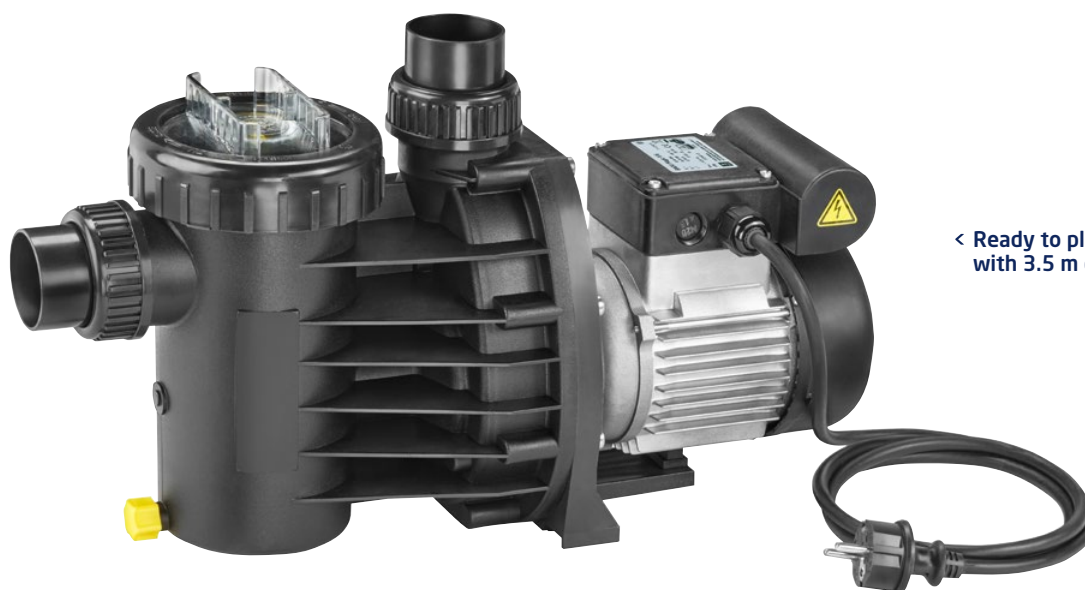
Pump casing ..... PP  
Housing cover ..... PP TV 40  
Impeller ..... PPE GF 30  
Strainer basket ..... PP  
Lid ..... PC, transparent/ABS  
Glue socket ..... ABS  
Mechanical seal ..... carbon/ceramic/NBR  
Screws ..... stainless steel  
Elastomers ..... NBR

| Technical data at 50 Hz                                              | BADU Magic                                                                                 | II/4      | II/6      | II/8      | II/11     |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| Inlet Sa/outlet connection Da                                        | Special union with glue socket d = 50 or hose adapter for 1¼" and/or 1½" hose is included. |           |           |           |           |
| Rec. inlet/outlet pipe, PVC pipe, d <sup>3)</sup>                    |                                                                                            | 50/40     | 50/40     | 50/50     | 50/50     |
| Rec. inlet/outlet pipe, hose, d <sup>3)</sup>                        |                                                                                            | 1½"/1¼"   | 1½"/1¼"   | 1½"/1½"   | 1½"/1½"   |
| Power input P <sub>1</sub> /output P <sub>2</sub> <sup>1)</sup> (kW) | 1~ 230 V                                                                                   | 0.35/0.18 | 0.45/0.25 | 0.61/0.40 | 0.72/0.45 |
| Rated current (A)                                                    | 1~ 230 V                                                                                   | 1.95      | 2.30      | 2.70      | 3.20      |
| Net weight (kg)                                                      | 1~                                                                                         | 6.00      | 8.00      | 8.00      | 8.00      |

For more detailed information regarding the motor protection please see page 38.

Technical data may vary.

| Article no   | Description      | Voltage  | Power output P <sub>2</sub> |
|--------------|------------------|----------|-----------------------------|
| 219.1048.038 | BADU Magic II/4  | 1~ 230 V | 0.18 kW                     |
| 219.1068.038 | BADU Magic II/6  | 1~ 230 V | 0.25 kW                     |
| 219.1088.038 | BADU Magic II/8  | 1~ 230 V | 0.40 kW                     |
| 219.1118.038 | BADU Magic II/11 | 1~ 230 V | 0.45 kW                     |



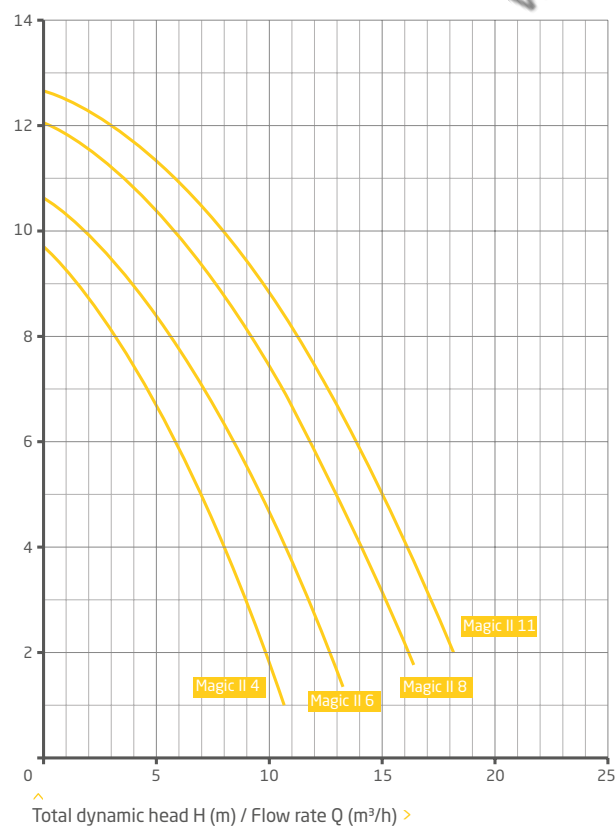
< Ready to plug in  
with 3.5 m cable



www.tuv.com  
ID 0000021507



## Performance



^ Total dynamic head  $H$  (m) / Flow rate  $Q$  (m³/h) >

## Dimensions

Detailed dimensions available on request or at badu.de

