BADU BLOCK 100

# BADU Block 100-315

Product page https://www.speck-pumps.com/en/p/badu-block-100-315-p51031



## Description

Characteristic curves, as well as dimensional drawings and the various material combinations can be found in detail in our design program at speck-select.com

## Areas of use

Swimming pool water circulation for filtration and filter flushing, as well as the operation of swimming pool attractions in public swimming pools. > Outdoor and indoor pools > Thermal, medicinal, and spa baths > Pools with elevated brine concentrations > Water treatment, e.g., filter system construction > Leisure facilities > Attractions, e.g., water slides > Shipbuilding4) > Industry, e.g., cooling water systems > Water supply, e.g., irrigation

## Version

Non-self-priming, single-stage volute casing pump in a vertical close-coupled design. The back-pressure design allows for easy replacement of the drive unit without disassembling the piping. The low speed ensures quiet operation and low wear. The pump is equipped with replaceable, corrosion-resistant wear rings. The closed, balanced impeller can be individually adapted to the specific operating conditions. Balancing is carried out to grade class 6.3 according to DIN ISO 1940. This ensures optimal smooth operation and a long service life of the entire pump. Filter housing capacity BADU Block 32/ up to 65/ approx. 13 l BADU Block 80/ up to 125/ approx. 29 l BADU Block 150/ approx. 71 l Suction strainer mesh size approx. Ø 3 mm

## Technical data

### Hydraulic power

| | |
|---|---|
| Flow rate | 247 m³/h |
| Förderhöhe | 27 – 41 mWS |
| Operating pressure max. | 2.5 bar |

### Motor & drive

| | |
|---|---|
| Drehzahl | 1.45 – 1.75 min-1 |
| Motor frame size | 225 S |
| Degree of protection | IP 55 |

| | |
|---|---|
| Insulation class | F |

### Electrics

| | |
|---|---|
| Power output $P_2$ (max.) | 45 kW |
| Frequency | 60 Hz |

### Energy efficiency

| | |
|---|---|
| Energy efficiency class | IE3 |

### Filtration

| | |
|---|---|
| Lint catcher capacity | 29 l |

### Connections & piping

| | |
|---|---|
| Connection, inlet / suction side | DN 200 |
| Connection, discharge side | DN 100 |

## Dimensions & logistics

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|---|---|
| Customs tariff number | 84137051 |