BADU 42-AK

# BADU 42/6-AK

Article number 2042060158

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/badu-42-6-ak-2042060158



## Description

Saltwater-optimized circulation pumps with drive-pump separation. For longer service life in corrosive environments.

## Areas of use

Thermal waters, thermal brine, hatcheries, aquariums, koi ponds, RAS systems, research centers, zoo enclosures, aquatic habitats, salting systems, and various problematic media after checking the components and concentrations. Note: Please always specify the intended medium when ordering so that the pump's compatibility can be tested.

## Version

The pump corresponds to the respective standard version – however, the seal chamber is not mounted directly on the A-side motor mount, but is structurally separated from the motor by an intermediate lantern and labyrinth disc. Any escaping fluid and crystallizing minerals or salts thus do not come into contact with the motor and bearings. This ensures a significantly longer operating time compared to standard pumps for the aforementioned applications.

## Material short text

BADU 42/6-AK, 1~, 0,30 kW

## Technical data

### Hydraulic power

| | |
|---|---|
| Flow rate | 6 m³/h |
| Head (min.) | 0 – 7.7 mWS |
| Operating pressure max. | 2.5 bar |

### Motor & drive

| | |
|---|---|
| Speed (max.) | 2,840 min-1 |
| Motor phases | 1~ |
| Insulation class | F |

### Electrics

| | |
|---|---|
| Power input $P_1$ (max.) | 0.58 kW |
| Power output $P_2$ (max.) | 0.3 kW |
| Voltage (max.) | 1~ 230 V |
| Frequency | 50 Hz |

### Connections & piping

| | |
|---|---|
| Connection, inlet / suction side | RP 1 1/2 |
| Connection, discharge side | RP 1 1/2 |
| Recommended suction line diameter | 50 mm |
| Recommended discharge line diameter | 50 mm |

### Operating conditions & water

| | |
|---|---|
| Total salt concentration | 0 g/l |

## Dimensions & logistics

| | |
|---|---|
| Product length | 372 mm |
| Product width | 0 mm |
| Product height | 0 mm |
| Customs tariff number | 84137051 |