BADU 42-AK

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/badu-42-ak-p53542



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.

Technical data

Hydraulic power

Operating pressure max.	2.5 bar

Motor & drive

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

Electrics

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

Customs tariff number	84137051

Variants

Article number	Name	Flow rate	Head (min.)	Power input P_1 (max.)	Power output P_2 (max.)
2042120048	BADU 42/12-AK	12 m³/h	0 – 11.5 mWS	0.97 kW	0.65 kW
2042060158	BADU 42/6-AK	6 m³/h	0 – 7.7 mWS	0.58 kW	0.3 kW
2042090048	BADU 42/9-AK	9 m³/h	0 – 9.1 mWS	0.62 kW	0.45 kW