BADU Block 50

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/badu-block-50-p53843



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

Operating pressure max.	2.5 bar

Motor & drive

Speed (max.)	1.45 – 1.75 min-1
Degree of protection	IP 55
Insulation class	F

Electrics

Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE3

Filtration

Lint catcher capacity	13 l

Connections & piping

Connection, inlet / suction side	DN 100
Connection, discharge side	DN 50

Dimensions & logistics

Customs tariff number	84137051

Variants

Article number	Name	Flow rate	Head (min.)	Motor frame size	Power output P_2 (max.)
	BADU Block 50-160	58 m³/h	7 – 58 mWS	100 L	3 kW
	BADU Block 50-200	60 m³/h	10 – 17 mWS	112 M	5.5 kW
	BADU Block 50-250	50 m³/h	16 – 23 mWS	132 S	11 kW
	BADU Block 50-315	66 m³/h	24 – 37 mWS	160 M	15 kW