

BADU® Block Multi

Circulation pumps, non-self priming

When space is of the essence, the BADU Block Multi is the perfect fit.
Vertical design and adjustable discharge allow the tightest possible fit.

Field of application

Swimming pool water circulation and filtration as well as operation of swimming pool attractions in public swimming pools

- Open-air and Indoor pools
- Spas
- Pools with high salt concentrations
- Water treatment, e.g. filter unit construction
- Leisure facilities
- Attractions, e.g. water slides
- Shipbuilding
- Industry, e.g. cool water units
- Water supply, e.g. irrigation

Design

Non-self-priming, single-stage, volute casing pump in vertical monoblock design. The process design allows easy replacement of the motor without disassembling the pipes. Due to the low motor speed, pump operation is quiet with very little wear and tear. The closed, well-balanced impeller can be individually adjusted to suit the respective operating conditions.

Filter housing capacity

BADU Block Multi 100/250 approx. 191
BADU Block Multi 125/250 approx. 191
Strainer basket mesh size..... approx. 0.3 mm

Technical data at 50/60 Hz

Flow rate..... Q up to max. 330 m³/h
Dynamic head..... H up to 20 m
Water temperature..... t max. 40 °C
Maximal operating pressure..... p 2.5 bar
Speed variables..... n approx. 1450/1750 rpm

Flange sizes

BADU Block Multi 100/250 DND 100/DNS 200
BADU Block Multi 125/250 DND 125/DNS 200

Noise generation

Sound intensity and sound pressure level are mainly influenced by the motor and the pump and especially by the installation conditions and respective installation situation. Special sound insulation measures are to be taken to reduce the transmission of structure-borne or airborne noise.

Block Multi Series No.		Block Multi 100/250	Block Multi 100/250	Block Multi 125/250
Motor Hp	Hp.	10	15	20
Max Flow	Q/Hr.	225	245	321
H. Max	Meter	17	20	18
Discharge		DN 100 (4")	DN 100 (4")	DN 125 (5")
Suction		DN 200 (8")	DN 200 (8")	DN 200 (8")
Motor Design		IM B5, 132M	IM B5, 132M	IM B5, 160L
Rated Current	amp	14	20	28
Power Supply		3 Phase, 400V Star-Delta	3 Phase, 400V Star-Delta	3 Phase, 400V Star-Delta

Design	BADU Block Multi
Casing parts	THP technically high-performance plastic
Impeller	THP technically high-performance plastic
Mechanical seal	carbon/SiC/EPDM
Pump shaft (no contact with pump liquid)	stainless steel 1.4057
Motor lantern	cast iron EN-JL 1040
Filter housing	THP technically high-performance plastic
Strainer basket	stainless steel 1.4571
Filter lid	acrylic glass

