BADU® Magna

Tried and tested for constant operation with high performance and flexibility. For medium-size and above ground pools or smaller swimming ponds.

Field of application

Swimming pool water circulation through a filter system.
The pump can be installed max. 3 m above or below water level.

Design

Monoblock-type pump with integrated strainer tank.
The bellow-type mechanical seal is mounted on a plastic shaft protector sleeve. Motor/pump shaft has no contact with the pool water providing complete electrical separation.

Strainer tank capacity ..... approx. 3 l
Strainer basket mesh size ..... approx. 3.2 x 2.6 mm

Materials used

Pump casing ..... PP TV 20
Intermediate housing ..... PP TV 40
Gland housing ..... PP TV 40
Diffuser ..... PP TV 40
Impeller ..... PPE GF 30
Strainer basket ..... PP
Lid ..... PC, transparent/PA 66 GF 30
Mechanical seal ..... carbon/ceramic/NBR
Screws ..... galvanised steel
Elastomers ..... NBR

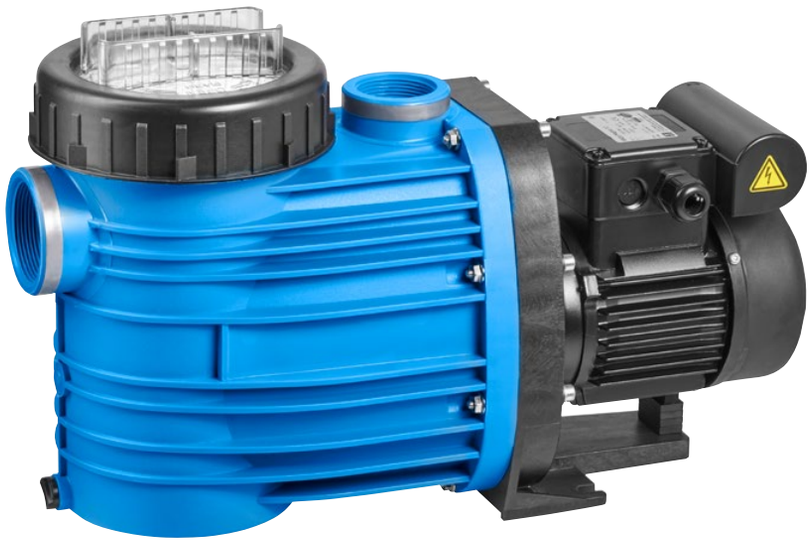
Technical data at 50 Hz	BADU Magna	8	12	14
Inlet Sa/outlet connection Da Rp[2)]		2/1½	2/1½	2/1½
Rec. inlet/outlet pipe, PVC pipe, d[4)]		50/50	50/50	63/50
Power input P_1/output P_2 [1)] (kW)	1~ 230 V	0.57/0.30	0.72/0.45	0.97/0.65
Rated current (A)	1~ 230 V	2.60	3.20	4.70
Net weight (kg)	1~	9.00	9.00	11.50

For more detailed information regarding the motor protection please see page 143.

Technical data may vary.

Article no	Description	Voltage	Power output P_2
219.0088.038	BADU Magna 8	1~ 230 V	0.30 kW
219.0128.038	BADU Magna 12	1~ 230 V	0.45 kW
219.0148.038	BADU Magna 14	1~ 230 V	0.65 kW

Sickel opening device included in delivery. See page 132.



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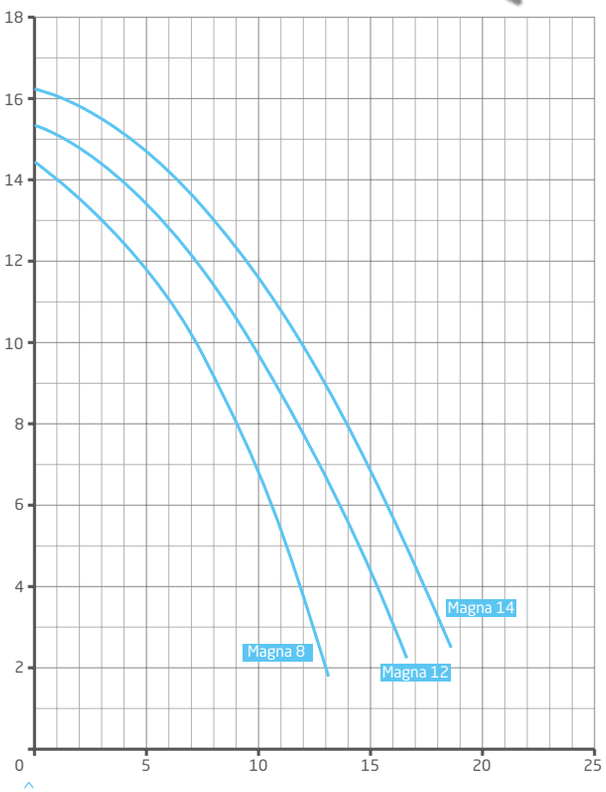
8-14 m³/h

30-90 m³

Performance



Total dynamic head H (m) / Flow rate Q (m³/h) >

Dimensions

Detailed dimensions available on request or at badu.de