

BADU® 93

Corrosion resistant, pure bronze pump.
For constant use in swimming pools, attractions and therapy pools.

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.
Strainer tank capacity approx. 8 l
Strainer basket mesh size approx. 3.4 x 3.2 mm

Materials used

Pump casing G-Cu Sn 10
Housing cover G-Cu Sn 10
Diffuser G-Cu Sn 10
Strainer basket PP
Star handles PA 6 GV
Impeller PPE GF 30/PP GF 30
Shaft stainless steel
Lid PC, transparent
Glue sockets ABS
Mechanical seal carbon/ceramic/NBR
Screws stainless steel
Impeller nut PP GF 30
Elastomers NBR/Viton

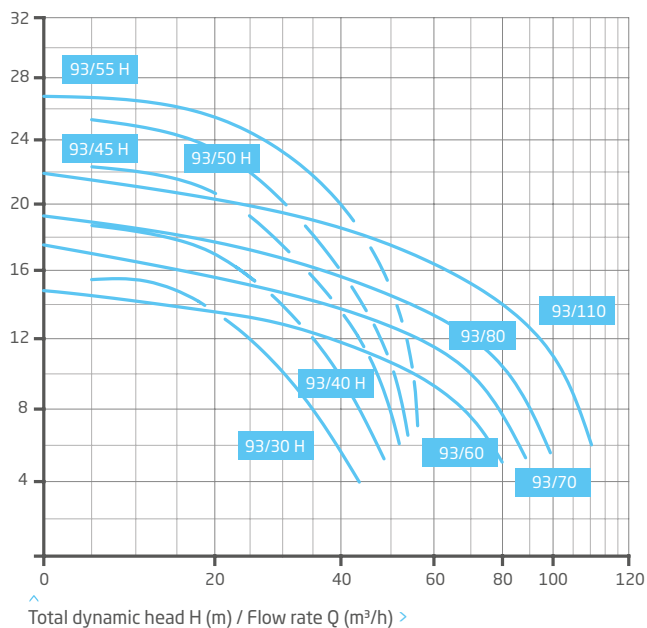
Technical data at 50 Hz	BADU 93/	30 H	40 H	45 H	50 H	55 H	60	70	80	110
Inlet Sa/outlet connection Da d ²⁾		110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110
Rec. inlet/outlet pipe, PVC pipe, d ⁴⁾		110/75	110/90	110/90	110/90	110/110	140/110	140/125	140/140	160/140
Power input P ₁ /output P ₂ ¹⁾ (kW)	3~ Y/Δ 400/230 V	1.77/1.50	2.55/2.20	3.00/2.60	3.45/3.00	-	3.00/2.60	3.45/3.00	-	-
Rated current (A)	3~ Y/Δ 400/230 V	3.30/5.72	4.60/8.00	5.50/9.50	6.20/10.70	-	5.50/9.50	6.20/10.70	-	-
Power input P ₁ /output P ₂ ¹⁾ (kW)	3~ Y/Δ 690/400 V	-	-	-	-	4.55/4.00	-	-	4.55/4.00	6.15/5.50
Rated current (A)	3~ Y/Δ 690/400 V	-	-	-	-	4.60/7.90	-	-	4.60/7.90	6.00/10.40
Net weight (kg)	3~	67.00	70.00	72.00	73.00	80.00	73.00	74.00	80.00	97.00

For more detailed information regarding the motor protection please see page 167.

Article no	Description	Voltage	Power output P ₂
219.3300.037	BADU 93/30 H	3~ Y/Δ 400/230 V	1.50 kW
219.3400.037	BADU 93/40 H	3~ Y/Δ 400/230 V	2.20 kW
219.3450.037	BADU 93/45 H	3~ Y/Δ 400/230 V	2.60 kW
219.3500.037	BADU 93/50 H	3~ Y/Δ 400/230 V	3.00 kW
219.3550.037	BADU 93/55 H	3~ Y/Δ 690/400 V	4.00 kW
219.3600.037	BADU 93/60	3~ Y/Δ 400/230 V	2.60 kW
219.3700.037	BADU 93/70	3~ Y/Δ 400/230 V	3.00 kW
219.3800.037	BADU 93/80	3~ Y/Δ 690/400 V	4.00 kW
219.3910.037	BADU 93/110	3~ Y/Δ 690/400 V	5.50 kW



Performance



Dimensions

Detailed dimensions available on request or at badu.de

