

BADU® FA

Solid monoblock-type pump with large strainer tank.
For attractions and creative water ideas.

Field of application

Swimming pool water circulation in filter systems in intake mode, up to a flow rate of 56 m³/h.

Design

Monoblock-type pump on a base plate with attached strainer tank. The bellow-type mechanical seal is mounted on a plastic shaft protector sleeve. Filter housing capacity approx. 8 l
Strainer basket mesh size approx. 3.4 x 3.2 mm

Strainer tank materials

Filter housing PP TV 40
Lid PC, transparent
Star handles PA 6 GV
Strainer basket PP
Base plate ABS

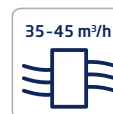
Pump materials

Pump casing (BADU 21-80) PPE GF 30
Pump casing (BADU 21-50, BADU 21-60) PP GF 30
Housing cover PPE GF 30
Impeller (BADU FA 21-50/36) POM GF 30
Impeller (BADU FA 21-60/45, BADU FA 21-80/56) PP GF 30
Wear ring stainless steel
Mechanical seal carbon/ceramic/NBR
Impeller nut PP GF 30
Clamping ring (BADU 21-50, BADU 21-60) aluminium
Screws stainless steel
Motor shaft stainless steel
Elastomers NBR/viton

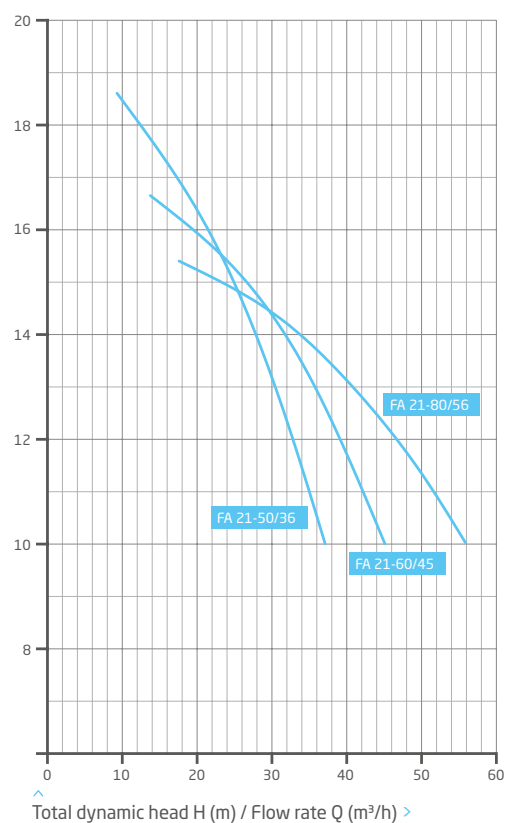
Technical data at 50 Hz	BADU FA	21-50/36	21-60/45	21-80/56
Inlet Sa Rp ²⁾ /outlet connection Da d ⁴⁾		3/63	3/63	3/75 or 90
Rec. inlet/outlet pipe, PVC pipe, d ⁴⁾		90/90	90/90	110/110
Power input P ₁ /output P ₂ ¹⁾ (kW)	3~ Y/Δ 400/230 V	2.55/2.20	3.00/2.60	3.45/3.00
Rated current (A)	3~ Y/Δ 400/230 V	4.60/8.00	5.50/9.50	6.20/10.70
Net weight (kg)	3~	21.00	22.00	32.00

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

Article no	Description	Voltage	Power output P ₂
270.4700.000	BADU FA 21-50/36	3~ Y/Δ 400/230 V	2.20 kW
270.4800.000	BADU FA 21-60/45	3~ Y/Δ 400/230 V	2.60 kW
270.4900.000	BADU FA 21-80/56	3~ Y/Δ 400/230 V	3.00 kW



Performance



Dimensions

Detailed dimensions available on request or at badu.de

