

BADU® 21-40

Universal, small circulation pump. Reliable and space-saving.
For tubs and pools, counter swim units and pool cleaning devices.

Field of application

Jet pump for bath tubs and whirlpools, massage units, air conditioning units and pool cleaning devices with a flow rate of up to 30 m³/h.

Design

The bellows-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.
Discharge outlet swivels gradually by 90°.
The unit may be installed vertically with the pump underneath.
The pump is self-draining when installed vertically.

For suitable connection unions please see page 134.

Materials used

Pump casing PP TV 40
Lid/stand PP TV 40
Impeller (version H) PPE GF 30 (PP GF 30)
Wear ring stainless steel
Mechanical seal carbon/ceramic/NBR
Screws galvanised steel/stainless steel
Elastomers NBR

Technical data at 50 Hz	BADU 21-40/	53 G/H G	54 G/H G	55 G/H G	56 G/H G	58 G/H G
Inlet Sa/outlet connection Da d ⁴⁾		2/2 ¹⁾	2/2 ¹⁾	2/2 ¹⁾	2/2 ¹⁾	2/2 ¹⁾
Rec. inlet/outlet pipe, PVC pipe, d ⁴⁾		63/63	63/63	63/63	63/63	75/75
Power input P ₁ /output P ₂ ¹⁾ (kW)	1~ 230 V	0.90/0.55	1.10/0.75	1.33/1.00	-/-	2.00/1.50
Rated current (A)	1~ 230 V	4.20	5.20	6.50	-/-	8.80
Power input P ₁ /output P ₂ ¹⁾ (kW)	3~ Y/Δ 400/230 V	-/-	-/-	-/-	1.33/1.10	1.77/1.50
Rated current (A)	3~ Y/Δ 400/230 V	-/-	-/-	-/-	2.40/4.15	3.30/5.72
Net weight (kg)	1~/3~	9.50/-	10.00/-	13.00/-	-/16.00	14.50/16.00

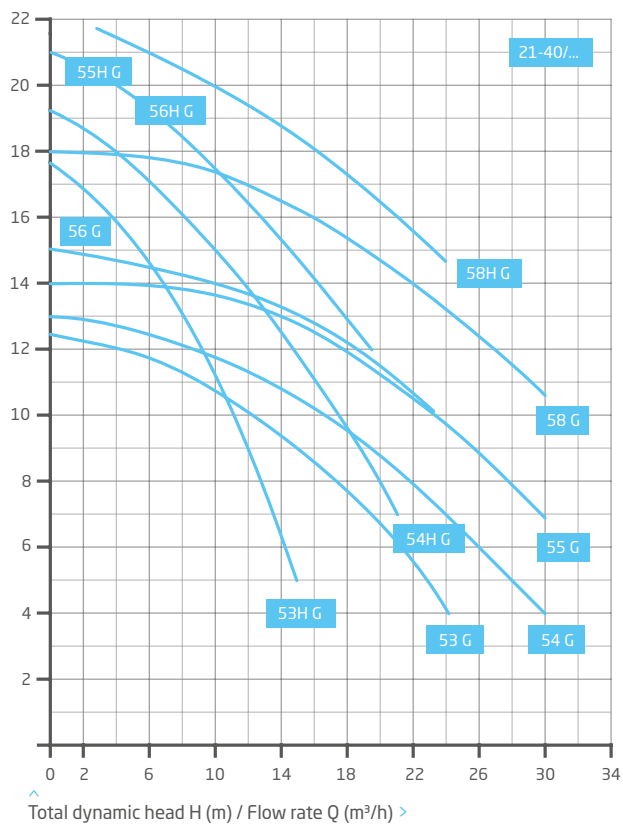
For more detailed information regarding the motor protection please see page 143.

¹⁾ Also available with Ø 50/Ø 40 hose adapters. | Technical data may vary.

Article no	Description	Voltage	Power output P ₂
234.0530.138	BADU 21-40/53 G	1~ 230 V	0.55 kW
234.0530.338	BADU 21-40/53H G	1~ 230 V	0.55 kW
234.0540.138	BADU 21-40/54 G	1~ 230 V	0.75 kW
234.0540.338	BADU 21-40/54H G	1~ 230 V	0.75 kW
234.0550.138	BADU 21-40/55 G	1~ 230 V	1.00 kW
234.0550.338	BADU 21-40/55H G	1~ 230 V	1.00 kW
234.0580.138	BADU 21-40/58 G	1~ 230 V	1.50 kW
234.0580.338	BADU 21-40/58H G	1~ 230 V	1.50 kW
234.0560.137	BADU 21-40/56 G	3~ Y/Δ 400/230 V	1.10 kW
234.0560.337	BADU 21-40/56H G	3~ Y/Δ 400/230 V	1.10 kW
234.0580.137	BADU 21-40/58 G	3~ Y/Δ 400/230 V	1.50 kW
234.0580.337	BADU 21-40/58H G	3~ Y/Δ 400/230 V	1.50 kW

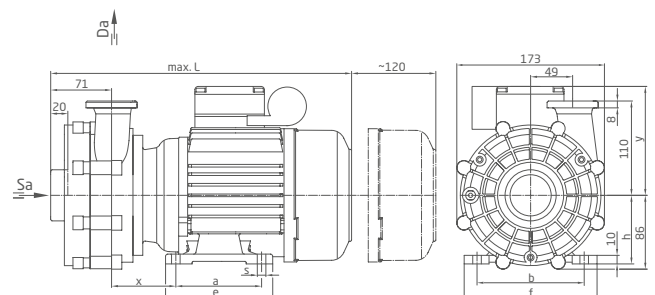


Performance



Dimensions

Detailed dimensions available on request or at badu.de



Type	a	b	e	f	h	s	x	y	L
BADU 21-40/53 G/H G 1~	90	112	115	138	71	7	84	132	313
BADU 21-40/53 G/H G 3~	90	112	115	138	71	7	84	111	313
BADU 21-40/54 G/H G 1~	90	112	115	138	71	7	84	132	313
BADU 21-40/54 G/H G 3~	90	112	115	138	71	7	84	119	313
BADU 21-40/55 G/H G 1~	100	125	125	153	80	9	75	128	351
BADU 21-40/56 G/H G 3~	100	125	125	153	80	9	75	128	351
BADU 21-40/58 G/H G 1~	100	125	125	153	80	9	75	142	351
BADU 21-40/58 G/H G 3~	100	125	125	153	80	9	75	128	376