

# 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 156.

## 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 <sup>(4)</sup>		2/2 <sup>(1)</sup>	2/2 <sup>(1)</sup>	2/2 <sup>(1)</sup>	2/2 <sup>(1)</sup>	2/2 <sup>(1)</sup>
Rec. inlet/outlet pipe, PVC pipe, d <sup>(4)</sup>		63/63	63/63	63/63	63/63	75/75
Power input P <sub>1</sub> /output P <sub>2</sub> <sup>1)</sup> (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 <sub>1</sub> /output P <sub>2</sub> <sup>1)</sup> (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/-	9.00/-	13.00/-	-/14.50	14.50/16.00

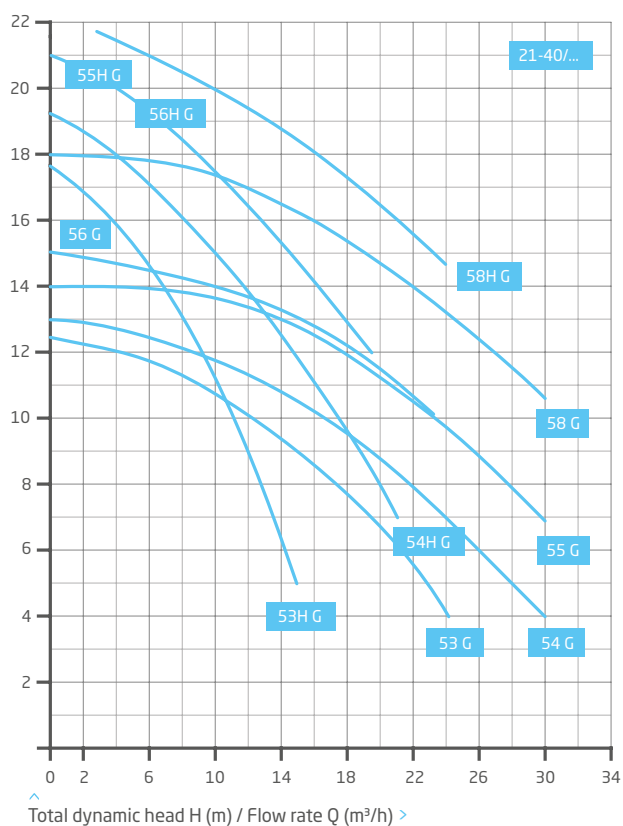
For more detailed information regarding the motor protection please see page 167.

<sup>1)</sup> Also available with Ø 50/Ø 40 hose adapters.

Article no	Description	Voltage	Power output P <sub>2</sub>
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

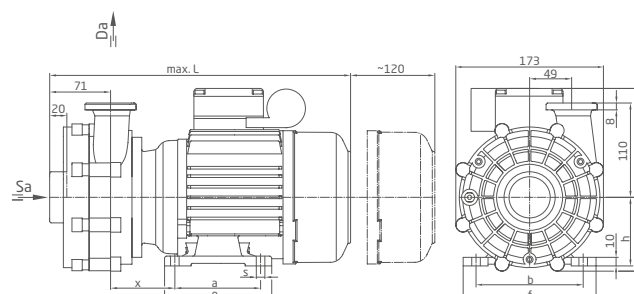


## Performance



## 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