BADU 21-80

BADU 21-80/34 G

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Description

Universal large circulation pump. Reliable and powerful. For whirlpools, counter-current systems, and swimming pool features.

Areas of use

Swimming pool and industrial filter systems, counter-current systems, air conditioning systems, swimming pool attractions, cleaning equipment and much more, up to 90 m³/h flow rate.

Version

Close-coupled pump with bellows mechanical seal, mounted on a plastic impeller hub. The motor or pump shaft does not come into contact with the circulating water. Electrically isolated. Discharge ports can be rotated 90° each and an additional 29° clockwise, viewed from the suction side. BADU 21-80/... SG conditionally self-priming up to 0.5 m upon request

Material short text

BADU 21-80/34 G, 3~, 4,00 kW, R 2 3/4

Technical data

Hydraulic power

Flow rate	70 m³/h
Head (min.)	0 – 17 mWS
Operating pressure max.	0 bar

Motor & drive

Speed (max.)	2,850 min-1
Motor phases	3~
Degree of protection	IP 55
Insulation class	F

Electrics

Power input P_1 (max.)	4.54 kW
Power output P_2 (max.)	4 kW
Voltage (max.)	3~ Y/Δ 690/400 V
Frequency	50 Hz

Filtration

Lint catcher capacity	0 l
Strainer basket version	-1

Connections & piping

Connection, inlet / suction side	2 3/4 G
Connection, discharge side	3/4 G
Recommended suction line diameter	110 mm
Recommended discharge line diameter	140 mm

Operating conditions & water

Ambient temperature (min.)	40 ° C
Total salt concentration	0 g/l

Dimensions & logistics

Product length	439 mm
Product width	0 mm
Product height	0 mm
Net weight	31 kg
Customs tariff number	84137051