

# BADU® Porpoise

Self-priming circulation pumps

Selfvoervoersirkulasiepompe



BADU® Porpoise

The **BADU® Porpoise** range of pumps combines state of the art material technology with innovative design and engineering to produce one of the most efficient pumps in the market. The pump can be installed 3m above or below water level. The pump must be installed on a flat surface that would not flood in heavy rain.

Die reeks **BADU® Porpoise-pompe** kombineer die allernuutste materiaaltegnologie met innoverende ontwerp en ingenieursvernuf vir een van die doeltreffendste pompe op die mark. Die pomp kan 3m bo of onder die watervlak geïnstalleer word. Dit moet op 'n gelyke oppervlak geïnstalleer word waar dit nie in swaar reën sal oorstrom nie.

## FEATURES

- Pump casing and internal parts made from Polypropylene.
- German Engineering and design combined for ultimate efficiency.
- Plastic components are 100% recyclable.
- Temperature stability up to 60°C.
- Total electric separation.
- German design mechanical seal using carbon to ceramic sealing surfaces.
- Simple servicing.
- Fully factory tested.
- 2 part easy screw on / off lid.
- Stainless Steel shaft.
- Available in 3 sizes to suit all pool applications.
- Self-Priming.
- 36 month ex-factory warranty under normal operating conditions from date of purchase.

## EIENSKAPPE

- Pompomhulsel en interne onderdele vervaardig van polipropileen.
- Duitse ingenieurswese en ontwerp gekombineer met uiterste doeltreffendheid.
- Plastiekkomponente is 100% herwinbaar.
- Stabiele werkverrigting in temperature van tot 60°C.
- Totale elektriese skeiding.
- Duits-ontwerpte meganiese seël vervaardig van koolstof-na-keramiek-seël oppervlakke.
- Eenvoudig om te diens.
- Volledig fabriek-getoets.
- Tweedelige deksel wat maklik aan- en afskroef.
- Vlekvrye staal-as.
- Beskikbaar in 3 groottes vir verskillende swembadaanwendings.
- Selfvoervoersirkulasie.
- 36 maande fabriekswaarborg onder normale werktoestande vanaf datum van aankoop.

Code / Kode	Description / Beskrywing	Voltage / Spanningstrek	Power output P2 / Kraglewering P2
209.0100.838	BADU® Porpoise 10	1~230V	0.45kW
209.0160.838	BADU® Porpoise 16	1~230V	0.75kW
209.0220.838	BADU® Porpoise 22	1~230V	1.10kW

Technical data / Tegniese data		BADU® Porpoise 10	BADU® Porpoise 16	BADU® Porpoise 22
Inlet / outlet connection (Rp) <sup>2*</sup>		50/40	50/40	50/40
Inlet / outlet pipe, PVC-pipe, d <sup>4*</sup>		50/50	50/50	63/50
Power input P1 (kW)	1~230V	0.67	1.10	1.50
Power output P2 (kW)	1~230V	0.45 <sup>1)</sup>	0.75 <sup>1)</sup>	1.10 <sup>1)</sup>
Rated current (A)	1~230V	3.10	4.80	6.30

\*Refer to Foot notes and Abbreviations on page 82.

\*Verwys na die Voetnote en Afkortings op bladsy 82.

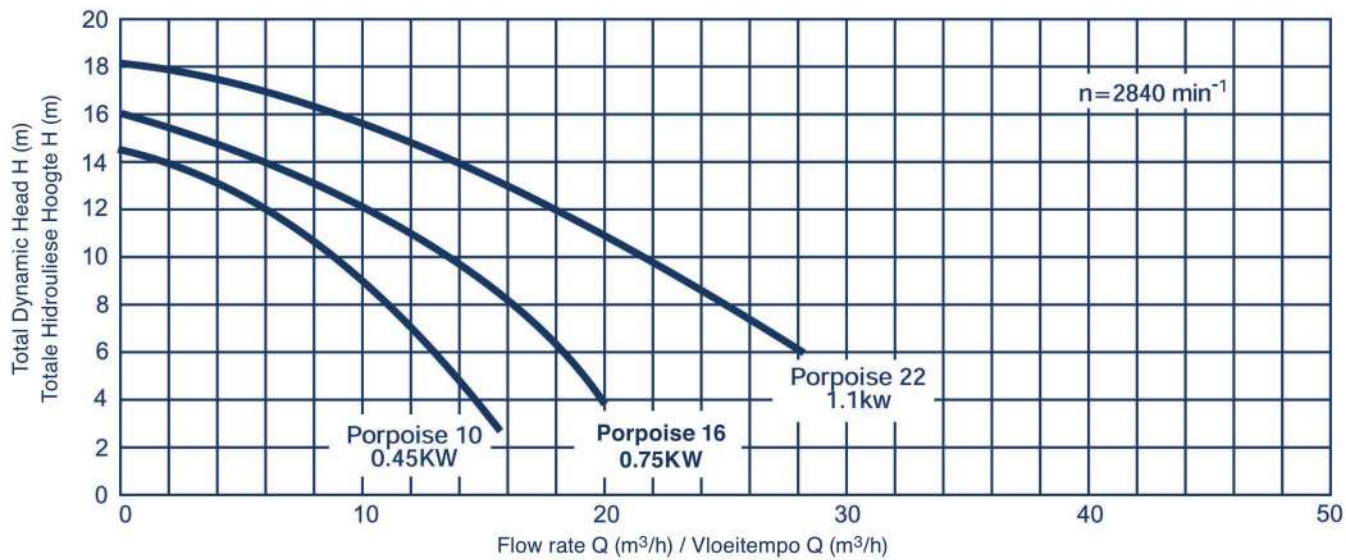
Motor speed approx. (rpm)	2840
Max. Water temperature (°C)	60
Max. Casing pressure (bar)	2.5

Motorspoed ongeveer (r.p.m.)	2840
Maks. Watertemperatuur (°C)	60
Maks. Omhulsel druk (bar)	2.5

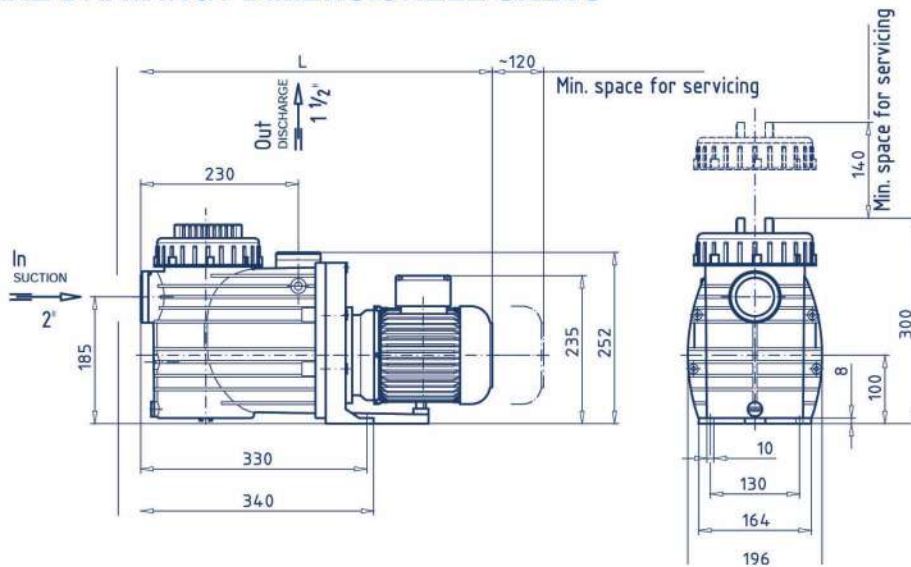
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## DIMENSIONAL DRAWING / DIMENSIONELE SKETS



BADU®Porpoise range dimension table (mm) / BADU®Porpoise-afmetingstabel (mm)

Type / Model	Height / Hoogte	Length / Lengte	Width / Breedte	Weight / Gewig
BADU®Porpoise 10	300	513	196	8.9kg
BADU®Porpoise 16	300	513	196	10.0kg
BADU®Porpoise 22	300	513	196	13.4kg

### Flow rate (Q) in L/h and L/minute

#### Vloeitempo (Q) in L/h en L/min.

5m³/h ≈ 5 000L/h ≈ 83 L/minute
10m³/h ≈ 10 000L/h ≈ 167 L/minute
15m³/h ≈ 15 000L/h ≈ 250 L/minute
20m³/h ≈ 20 000L/h ≈ 333 L/minute
25m³/h ≈ 25 000L/h ≈ 417 L/minute
30m³/h ≈ 30 000L/h ≈ 500 L/minute

### Pool size equipment recommendations

#### Toerusting aanbeveel volgens swembadgrootte.

Pool Size / Swembadgrootte	Pump / Pomp	Filter / Filter
30 000 to 55 000 lit	0.45 kW	2 Bag
50 000 to 85 000 lit	0.75 kW	3 Bag
80 000 to 100 000 lit	1.10 kW	4 Bag