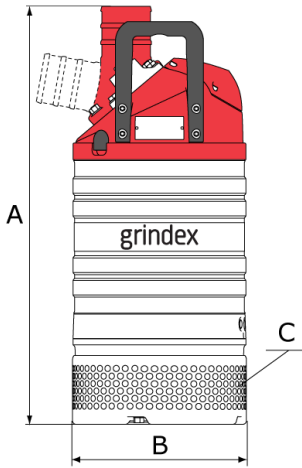


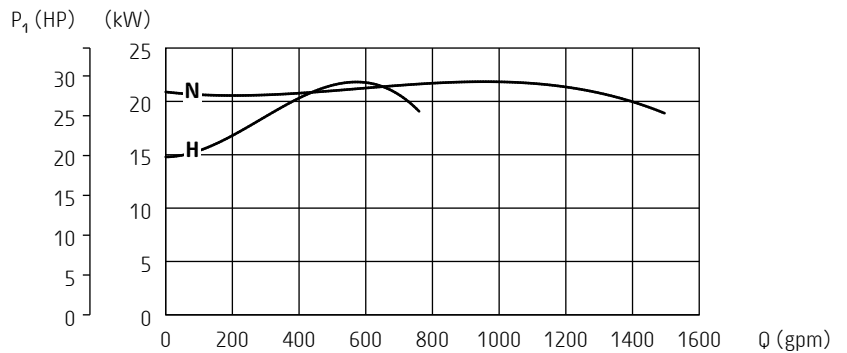
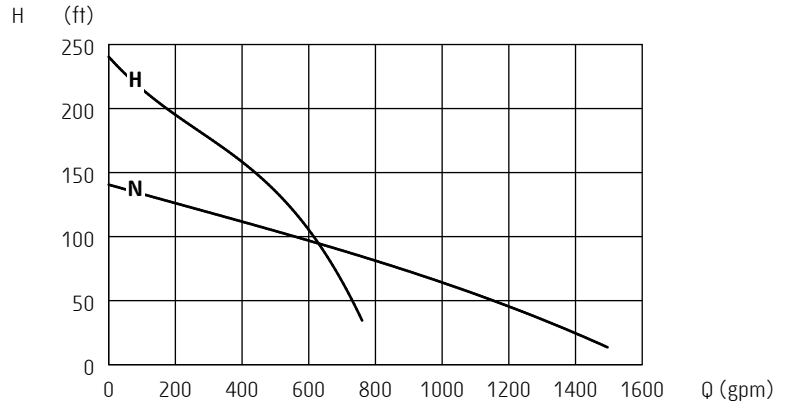
# Matador

Electrical submersible drainage pump



| 60 Hz                                      | N             | H             |
|--|---------------|---------------|
| Discharge connection                       | 6"            | 4"            |
| Rated power P <sub>2</sub> [kW/HP]         | 20 / 27       | 20 / 27       |
| Max. power consumption P <sub>1</sub> [kW] | 22            | 22            |
| Shaft speed [r.p.m.]                       | 3500          | 3500          |
| Rated current at 230V                      | 61 A          | 61 A          |
| Rated current at 460V                      | 31 A          | 31 A          |
| Rated current at 575V                      | 25 A          | 25 A          |
| Solids passage C                           | 12 mm / 0.47" | 12 mm / 0.47" |
| Dimensions A / B                           | 954 / 395 mm  | 954 / 395 mm  |
| Dimensions A / B                           | 37½ / 15½"    | 37½ / 15½"    |
| Weight [kg/lbs]                            | 143 / 318     | 143 / 318     |

Other voltages on request



ISO 9906/A

## Pump types

N: normal pressure  
H: high pressure

## Classification

Electrical submersible drainage pump  
Protection class: IP 68

## Electrical motor

Squirrel cage induction motor, insulation class: H (IEC 85), DOL or star/delta

## Motor protection

Thermal contacts in the stator opening temperature 140°C, air valve

## Cable - SubCab

230V: 4G10mm<sup>2</sup>, 20 m (66 ft) or 8AWG/4, 53 ft  
380-575V: 4G6mm<sup>2</sup>, 20 m (66 ft) or 8AWG/4, 53 ft

## Limitations

Max. submersion depth: 20 m (66 ft)  
Max. liquid temperature: 40 °C (104 °F)  
Allowed pH range: 5 - 8  
Maximum liquid density: 1100 kg/m<sup>3</sup> (68 lbs/ft<sup>3</sup>)

## Shaft seals

Cartridge seal: pre-assembled double mechanical seal running in an oil compartment  
Material lower seal: tungsten carbide - tungsten carbide  
Material upper seal: tungsten carbide - tungsten carbide

## Bearings

Ball bearings with C3 clearance

## Discharge connection

4-6" hose, ISO-G or NPT

## Materials

Casted parts: Aluminium  
Outer casing: Stainless steel  
Stator housing: Aluminium  
Motor shaft: Stainless steel  
Impeller and suction cover: Hard-Iron™  
Diffusers: Nitrile rubber  
Screws and nuts: Stainless steel  
O-rings: Nitrile rubber

## Accessories

External level regulator  
Zinc anodes  
Tandem connection