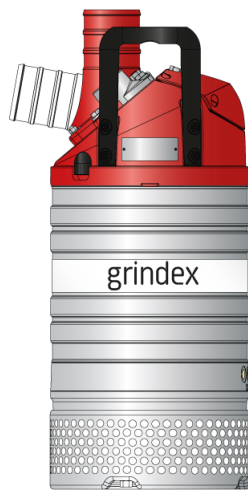




# Matador

Electrical submersible drainage pump



50 Hz	N	H
Discharge connection	6"	4"
Rated power $P_2$ [kW]	18	18
Max. power consumption $P_1$ [kW]	20	20
Shaft speed [r.p.m.]	2905	2905
Rated current at 230V	56 A	56 A
Rated current at 400V	33 A	33 A
Rated current at 500V	26 A	26 A
Rated current at 1000V	14 A	14 A
Solids passage [mm]	12	12
Height [mm]	954	954
Diameter [mm]	395	395
Weight [kg]	131	131

Other voltages on request

## 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)

## Motor protection

Thermal contacts in the stator opening temperature 140°C, air valve.  
DOL, star/delta or soft starter.

## 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

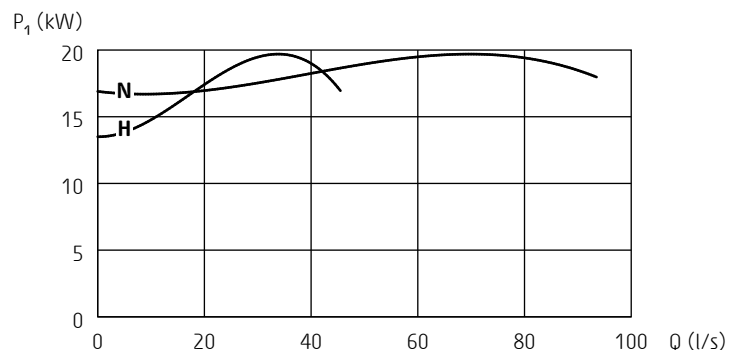
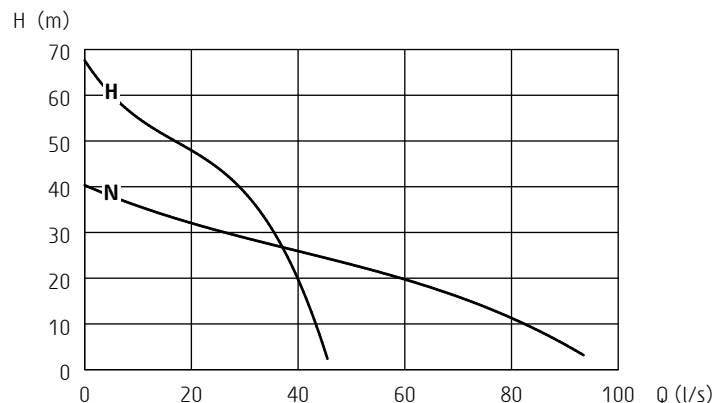
## Limitations

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>)



ISO 9906/A

## Shaft seals

Cartridge seal: pre-assembled double mechanical seal running in an oil compartment

Material lower seal: *silicon carbide - silicon 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

Level regulator - Zinc anodes

Tandem connection - Pump raft