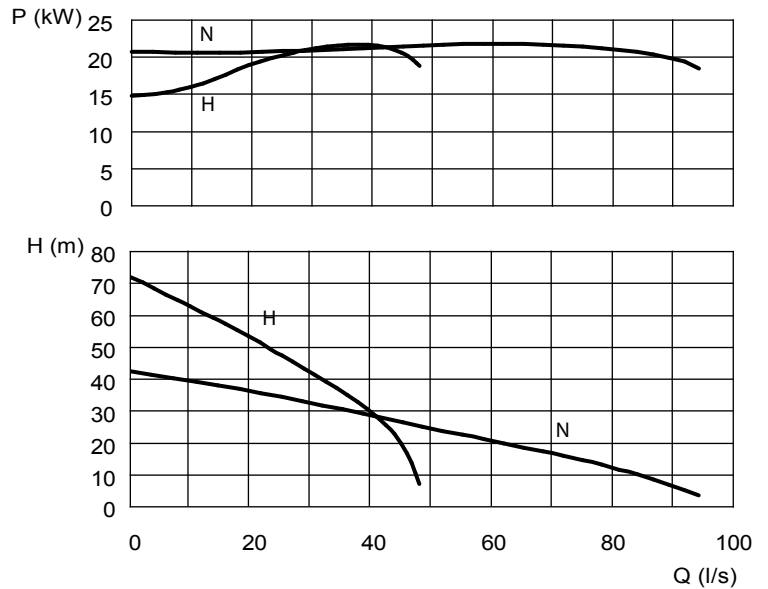
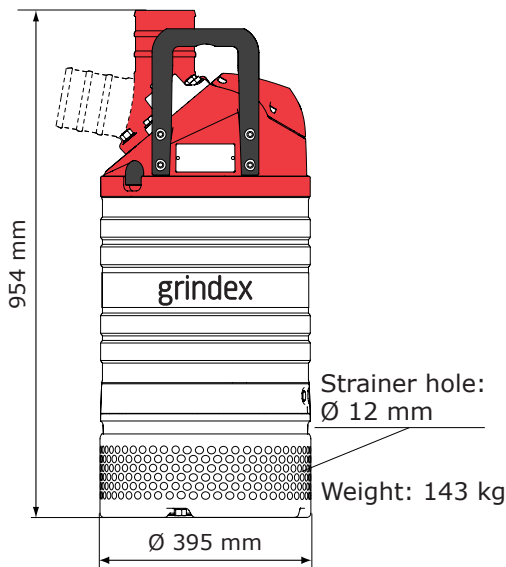


# MATADOR

Electrical submersible drainage pump



## Pump types

N: Normal pressure

H: High pressure

## Classification

Electrical submersible pump

Protection class: IP68

## Electrical motor

Squirrel cage induction motor

Insulation class H (IEC 85)

## Technical data

Shaft speed	rpm	3500
Rated output	kW	20
Max. power cons.	kW	22
Rated current A at	230 V	61
	460 V	31
	575 V	25

Other voltages on request

## Motor protector

Phase sequence control, phase failure guard, temperature guard with thermal contacts opening temp 140°C, airvalve (= SMART-system), DOL or star/delta

## Power cable - SUBCAB

4G6mm<sup>2</sup>, lenght 20m - U ≥ 380 V

4G10mm<sup>2</sup>, lenght 20m - U < 380 V

8AWG/4, lenght 16m - U ≥ 220 V

## Shaft seals

Cartridge seal with double mechanical face seals with oil compartment between the seals

Material lower seal: Tungsten carbide-Tungsten carbide

Material upper seal: Tungsten carbide-Tungsten carbide

## Bearings

Ball bearing with C3 clearance

## Discharge connection

N: 6", Hose, ISO-G or NPT

H: 4", Hose, ISO-G or NPT

## Materials

Casted parts	Aluminium
Outer casing	Stainless steel
Stator housing	Cast iron
Motor shaft	Stainless steel
Impeller	High chrome alloyed white cast iron
Suction cover	High chrome cast iron
Diffusers	Nitrile rubber
Screws and nuts	Stainless steel
O-rings	Nitrile rubber

## Accessories

Zink anodes

## Limitations

Max. submersion depth: 20 m

Max. liquid temperature: 40°C

Max. liquid density: 1100 kg/m<sup>3</sup>

pH of the liquid: 5-8

Specifications can be changed without notice.