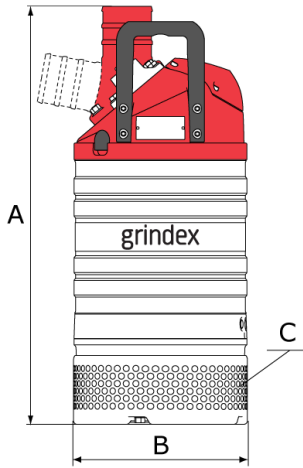


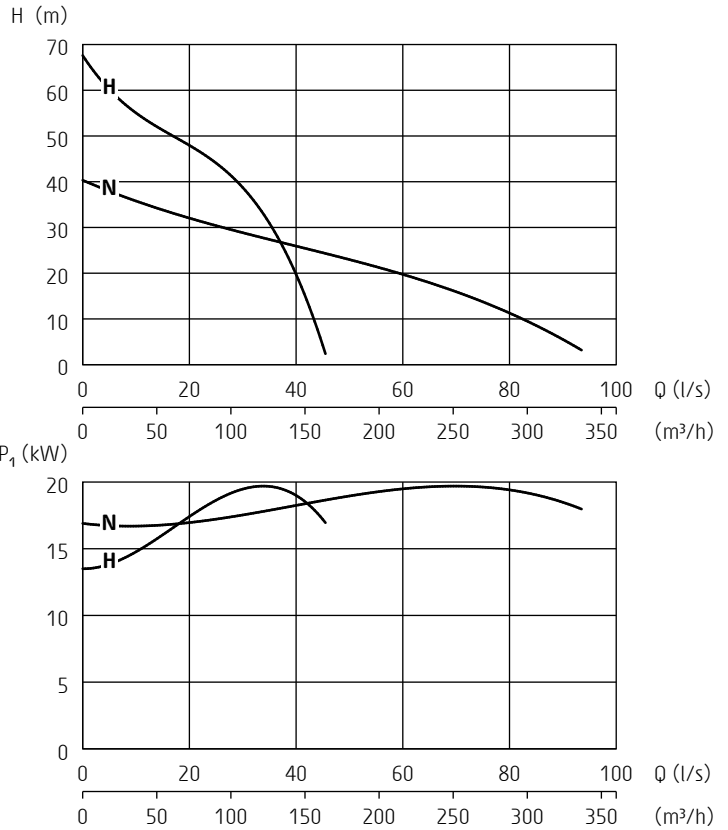
Matador

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.]	2900	2900
Rated current at 230V	56 A	56 A
Rated current at 400V	32 A	32 A
Rated current at 500V	26 A	26 A
Solids passage C	12 mm	12 mm
Dimensions A / B	954 / 395 mm	954 / 395 mm
Weight	143 kg	143 kg

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

Phase sequence control, phase failure guard, temperature guard with thermal contacts in the stator opening temperature 140°C (284°F) (= SMART system), air valve

Cable - SubCab

230V: 4G10mm², 20 m (66 ft) or 8AWG/4, 53 ft
380-575V: 4G6mm², 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/m³ (68 lbs/ft³)

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: Hard-Iron™
Suction cover: Hard-Iron™
Diffusers: Nitrile rubber
Screws and nuts: Stainless steel
O-rings: Nitrile rubber

Accessories

Zinc anodes

Specifications can be changed without notice