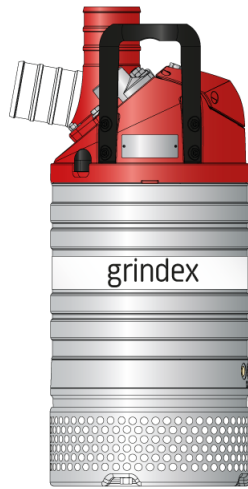




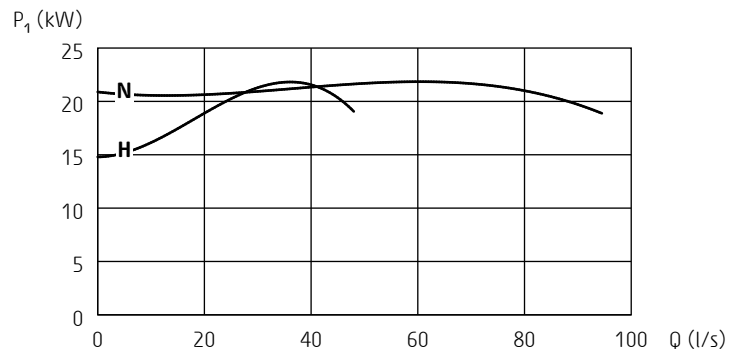
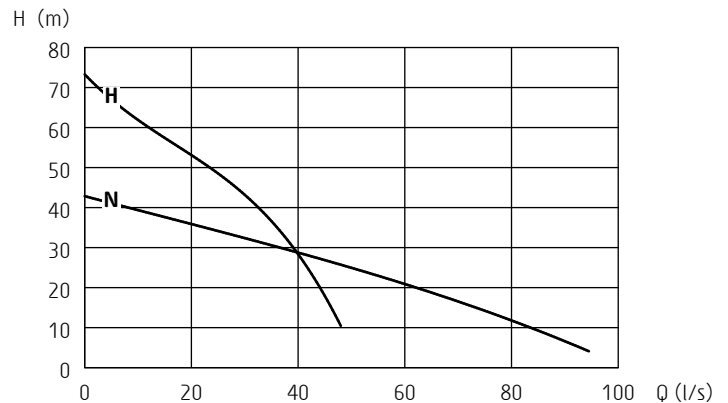
Matador

Electrical submersible drainage pump



60 Hz	N	H
Discharge connection	6"	4"
Rated power P_2 [kW/HP]	20 / 27	20 / 27
Max. power consumption P_1 [kW]	22	22
Shaft speed [r.p.m.]	3495	3495
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 [mm/inch]	12 / 0.47	12 / 0.47
Height [mm/inch]	954 / 37½	954 / 37½
Diameter [mm/inch]	395 / 15½	395 / 15½
Weight [kg/lbs]	131 / 289	131 / 289

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)

Motor protection

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

DOL, star/delta or soft starter.

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: *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

Specifications can be changed without notice