



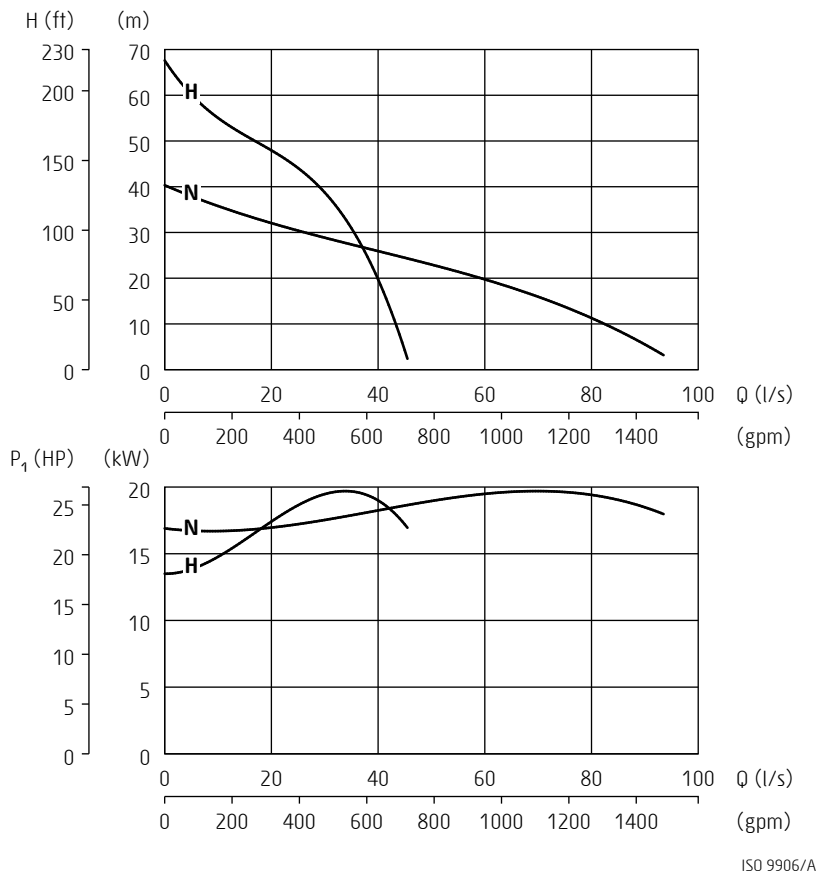
Matador

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
Solids passage [mm]	12	12
Height [mm]	954	954
Diameter [mm]	395	395
Weight [kg]	133	133

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: 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