

Matador

Electrical submersible drainage pump 50HZ



Pump specifications

Type	Matador	
50Hz	N	H
Discharge connection	6"	4"
Rated Power P _j (kW)	18	18
Max. power consumption P _i (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)	133	133

Other voltages on request

Features

Pump types

N: normal pressure
H: high pressure

Classification

Electrical submersible drainage pump. Protection class: IP68

Electrical motor

Squirrel cage induction motor. Insulation Class: H (IEC85)

Motor protection

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

Cable – SubCab

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

Limitations

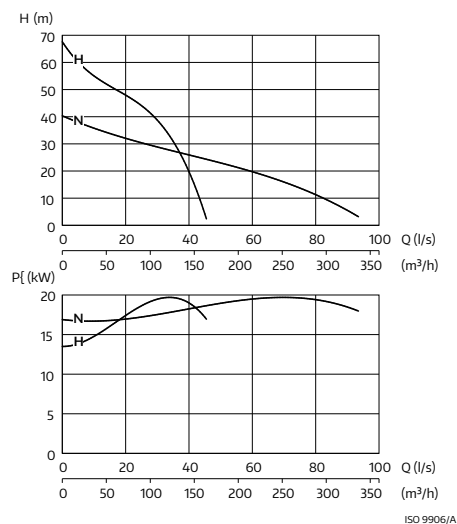
Max. submersion depth: 29m (66ft)
Max. liquid temperature: 40°C (104°F)
Allowed pH range: 5 - 8
Maximum liquid density: 1100kg/m³ (68lbs/ft³)

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