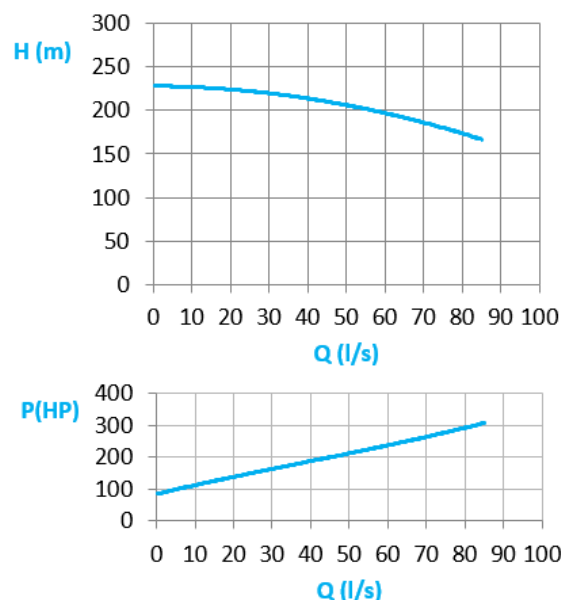
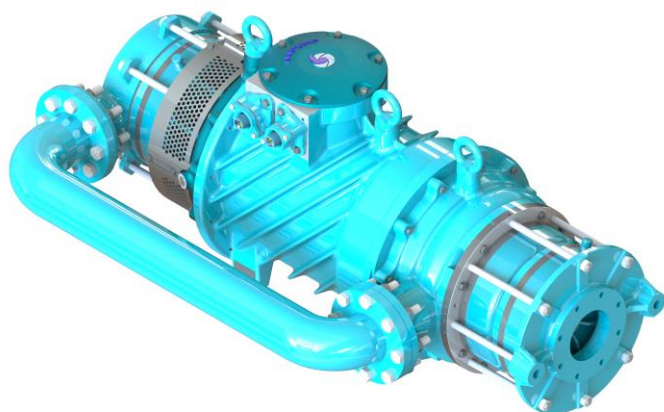


Jaguar 300

Electrical submersible drainage pump

50 Hz



Model	H
Discharge Connection	8"
Rated motor power motor (kW/HP)	220/300
Maximum power consumption (KW)	225
Rotational speed (R.P.M.)	1450
Rated current at 380 V	425A
Solids passage	15 mm
Dimensions H/W.	2438/1270 mm
Weight (kg)	2930

Classification

Electrical submersible drainage pump

Electric motor

Three-phase squirrel cage motor, insulation class: F

Protection

Pump: IP 68

Motor: Thermocontact in the stator winding

PT100 temperature sensor in the fixed bearing

Cable entry: Double protection with EPDM seal and epoxy resin that prevents water from entering the motor

Starting type

Soft starter

Cable - SubCab

4Gx70mm²+2x1.5mm², length 20 meters* (02)

4Gx2.5mm², length 20 meters* (01)

Discharge connection

*Flange type ASME B16.5: Ø8" (Class 300)

Mechanical seals

Upper Seal Material: Silicon Carbide - Silicon Carbide

Lower Seal Material: Silicon Carbide - Silicon Carbide

Bearings

Upper: Two single row angular contact ball bearing

Lower: Cylindrical single-row roller bearing with C3 clearance

Materials

Casted parts: Nodular cast iron

Strainer: Stainless steel AISI 304

Motor shaft: Stainless steel AISI 431

Impellers: High chrome iron casting

Diffusers: High chrome iron casting

Suction cover: High chrome iron casting

Screws and nuts: Stainless steel AISI 304

Limitations

Maximum submersion depth: 20m (66ft)

Maximum liquid temperature: 40°C (104°F)

Maximum liquid density: 1100 kg/m³ (68lbs/ft³)

Allowed pH range: 5 to 11

This pump must be connected to an external electrical panel with adequate protection

(*) The specifications can be modified if required by the client