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Pump Data

Brand : JMS
Model : JIGER F 100 M
Flow Rate: 44 GPM
Head Rate: 19.6 FEET
Head Max: 27 FEET
Flow Max: 93 GPM
RPM : 3450 rpm
Normal Power P1 : 2 HP
Fluid: Water
Fluid Temperature: at about 25 °C.
Density: water 1.0 kg/Dm³
Fluid Viscosity: 8.90 × 10⁻⁴ Pa·s
With Float switch: NONE
Kind of Working: Submersible
Delivery size: 2" NPT
Suction size: With Strainer
Made in : ITALY

Motor Data

Power P2:
Power P1: 1.5 KW
Phase (PH): 1
Rate Voltage : 115 V or 230 V
Capacitor Need : 20 µF
Ferequency : 60 Hz
Rated Speed (rpm): 3450 rpm
Max. I (A): 14.5 A
Cos φ : 0.95
Degree of Protection (IP): IP 68
Safety Protection Included: F
length of Cable : 10 M
Kind of Plug : NONE
Ambient Temp : 40°C = 104°F

Other Pump Data

Impeller Size (mm) : *
Pressuer Rating : PN 16
Min. Fluid Temp : 10°C = 50°F
Max. Fluid Temp : 35°C = 95°F
Ambient Temp : 40°C = 104°F
Humidity % : 100%

Special Specification

Installation status : Vertical
Variable frequency : NONE
Solid Passage 50 mm

Materials

Pump Body : CAST IRON
Support: Stainless steel
Impeller: Stainless steel
Mechanical Seal: Silicon Carbide
Rubber: NBR
Pump Shaft: Stainless steel
Strainer: Stainless steel
outer cover: CAST IRON
Motor Case: Stainless steel

Shaft Seal

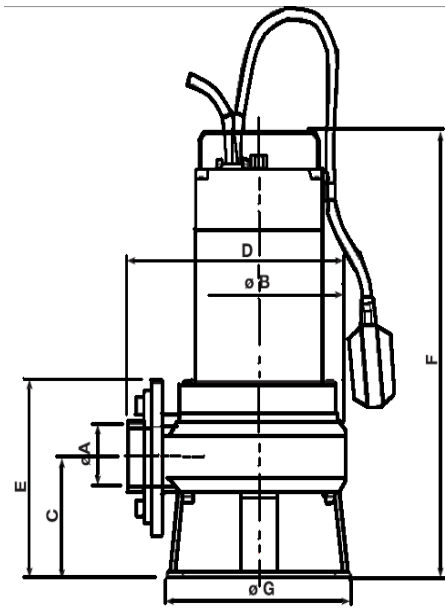
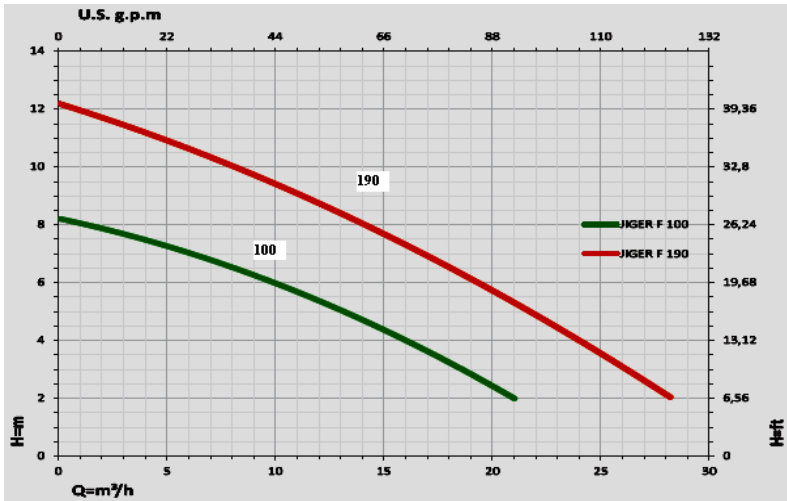
Type: *
Stationary Part: Silicon Carbide
Rotating Part: Silicon Carbide
Elastomer: NBR

Pump and Motor specification optional

With Booster System: None
With Complack: None
Special Material: None
Specail Voltage: None

Protection system required

External Flout switch: YES
Minimum Starter: Starter SWT



Weight : 17.5 Kg

Standard Approve



Applicant:

Decantation Pit Sewage Pit and Slurry
Collection Pit Pump out Pump out of Lavatory
Foul Water with Possible Floating
Domestic and Industrial Lavatory
Black Water Handling Systems

Dimention in

	mm
A	2"
B	164
C	81.5
D	274
E	161.5
F	367
G	153