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Pump Data

Brand : JMS
 Model : JIGER BC 350
 Flow Rate: 88 GPM
 Head Rate: 42 FEET
 Head Max: 61 FEET
 Flow Min: 5 GPM
 Flow Max: 195 GPM
 Head Min: 13 FEET
 RPM : 3450 rpm
 Normal Power P1 : 5 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: 3.5 KW
 Phase (PH): 3
 Rate Voltage : 230 V
 Capacitor Need : * μF
 Ferequency : 60 Hz
 Rated Speed (rpm): 3450 rpm
 Max. I (A): 10 A
 Cos φ : 0.85
 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: CAST IRON
 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: NONE
 Minimum Starter: Starter SWT

Weight : 18 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 150
 C 232
 D 407
 E 125
 F 170

