

#### Pump Data

Brand : JMS  
 Model : JEGAL VOX 100 M

Head Rate: 23 FEET      Flow Rate: 44 GPM  
 Head Max: 34 FEET      Flow Max: 79 GPM  
 Head Min: 6 FEET      Flow Min: 5 GPM

RPM : 3450 rpm  
 Normal Power P1 : 2 HP  
 Fluid: Water  
 Fluid Temperature: at about 25 °C.  
 Density: water 1.0 kg/Dm<sup>3</sup>  
 Fluid Viscosity: 8.90 × 10<sup>-4</sup> Pa·s  
 With Float switch: Yes  
 kind of Working: Submersible  
 Delivery size: 1 1/2" NPT  
 Suction size: With Strainer  
 Made in : ITALY

#### Motor Data

Power P2:  
 Power P1: 1.5 KW  
 Phase (PH): 1  
 Rate Voltage : 220 V  
 Capacitor Need : 20      μF  
 Ferequency : 60 Hz  
 Rated Speed (rpm): 3450 rpm  
 Max. I (A): 13 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 30 mm

#### Materials

Pump Body : Stainless steel  
 Support: Stainless steel  
 Impeller: AISI 304  
 Mechanical Seal: Silicon Carbide / Ceramic  
 Rubber: VITON  
 Pump Shaft: AISI 316  
 Strainer: Stainless steel  
 outer cover: AISI 304  
 Motor: Stainless steel

#### Shaft Seal

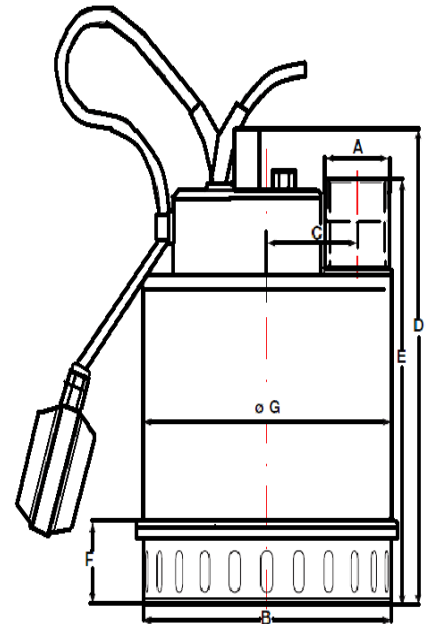
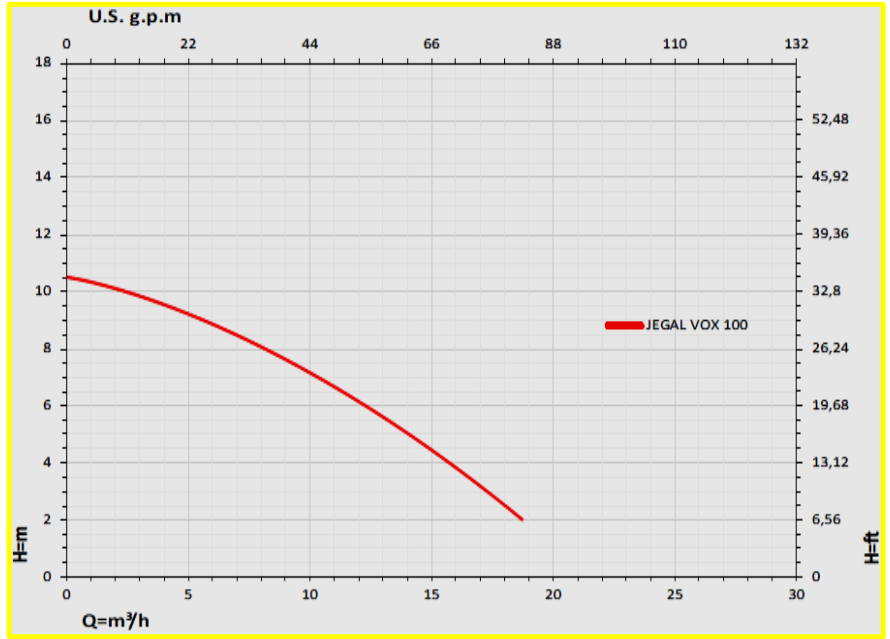
Type: \*  
 Stationary Part: AISI 316  
 Rotating Part: AISI 316  
 Elastomer: VITON

#### 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



	<b>Weight :14.5 Kg</b>		<b>Applicant:</b>	<b>Dimention in</b>
	<b>Standard Approve</b>			<b>mm</b>
<b>CE</b>			Rain Seepage Sump Pit And Catch Tank Water Pump Out	A 1 1/2" Inch
			Garden And Vegetable-Garden Mini Flood Irrigation System	B 204
			Rainwater Catch Tank Pump Down White Water Pump	C 73
			Over From Reservoirs Pumping Dirty Water With Possible	D 344.2
			Floating Solid Contents And Vats. Pumping Aggressive Liquid	E 325.2
				F 106
				G 202