

#### Pump Data

Brand : GOL PUMPS  
 Model : G3.5 SD - M 2/16  
 Flow Rate: 10 GPM  
 Head Rate: 383 FEET  
 Head Max: 460 FEET  
 Flow Max: 16 GPM  
 RPM : 3450 rpm  
 Normal Power P2 : 1.25 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 NONE  
 Kind of Working: Submersible  
 Delivery size: 1 1/2" NPT  
 Suction size: With Strainer  
 Made in : CHINA

#### Motor Data

Power P2: 0.92 KW  
 Power P1: \*  
 Phase (PH): 1  
 Rate Voltage : 110 V  
 Capacitor Need : 90/250 μf/V  
 Ferequency : 60 Hz  
 Rated Speed (rpm): 3450 rpm  
 Current (A): 14.3 A  
 Cos φ : 0.93  
 Degree of Protection (IP): IP 68  
 Safety Protection Included: F  
 length of Cable : 2 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 0.25%

#### Materials

Pump Body : AISI 304 SS  
 Support: AISI 304 SS  
 Impeller Plastic POM  
 Mechanical Seal: Graphite\Ceramic  
 Rubber NBR  
 Pump Shaft: AISI 304 SS  
 Strainer AISI 304 SS  
 outer cover: Cast Iron  
 Motor Case: AISI 304 SS

#### Shaft Seal

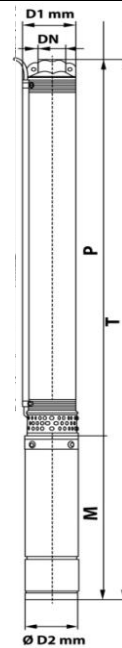
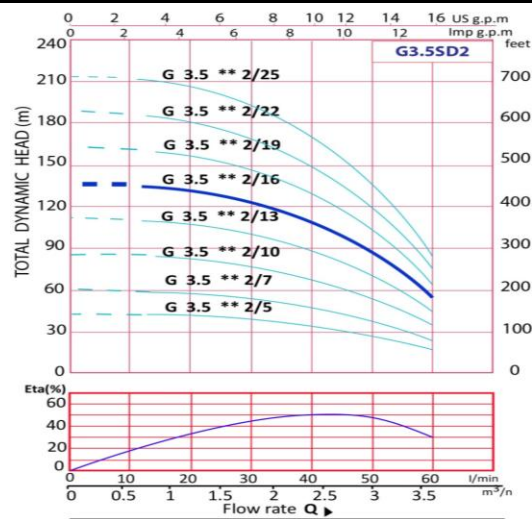
Type: \*  
 Stationary Part Ceramic  
 Rotating Part Graphite  
 Elastomer NBR

#### 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 Over Load and Capacitor Box Include



Weight : 12.5 Kg	Applicant:	Dimention in	
Standard Approve	For Water Supply from Wells or Reservoirs for Domestic Use for Civil and Industrial Applications for Garden Use and Irrigation	P	630
CE		M	388
		T	1018
		DN	1 1/2"
	D1	85	
	D2	84	