

#### Pump Data

Brand : GOL PUMPS  
 Model : G3.5 SD - M 6/12  
 Flow Rate: 20 GPM  
 Head Rate: 260 FEET  
 Head Max: 336 FEET  
 Flow Max: 32 GPM  
 RPM : 3450 rpm  
 Normal Power P2 : 1.75 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: 1.3 KW  
 Power P1: \*  
 Phase (PH): 1  
 Rate Voltage : 220 V  
 Capacitor Need : 40/450 μF/V  
 Ferequency : 60 Hz  
 Rated Speed (rpm): 3450 rpm  
 Current (A): 7.2 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

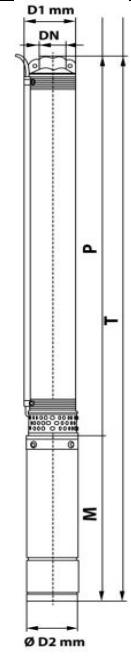
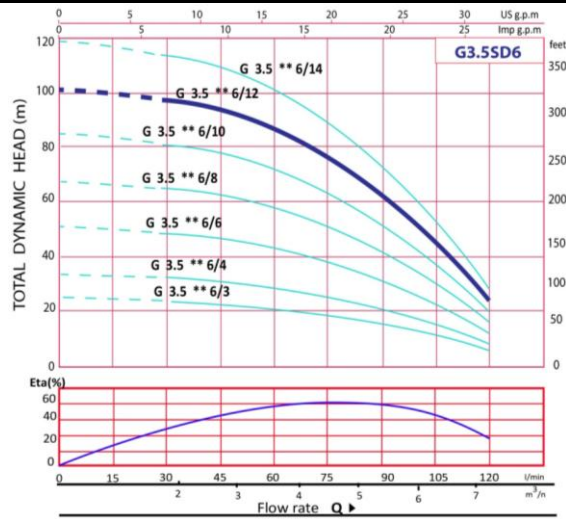
Type: \*  
 Stationary Part: Ceramic  
 Rotating Part: Graphite  
 Elastomer: NBR

#### 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 : 13.8 Kg		Applicant:	Dimention in	
Standard Approve			mm	
CE	CE	For Water Supply from	P	558
		Wells or Reservoirs for	M	438
		Domestic Use for Civil and	T	996
		Industrial Applications for	DN	1 1/2"
		Garden Use and Irrigation	D1	85
			D2	84