

Pump Data	
Brand :	GOL PUMPS
Model :	G3.5 SD - M 2/19
Flow Rate:	10 GPM
Head Rate: 433 FEET	
Head Max: 553 FEET	Flow Min: 4 GPM
Flow Max: 16 GPM	Head Min: 210 FEET
RPM :	3450 rpm
Normal Power P2 :	1.5 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:	1.1 KW
Power P1:	*
Phase (PH):	1
Rate Voltage :	220 V
Capacitor Need :	40/450 $\mu$ f/V
Ferequency :	60 Hz
Rated Speed (rpm):	3450 rpm
Current (A):	7.2 A
Cos $\phi$ :	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%

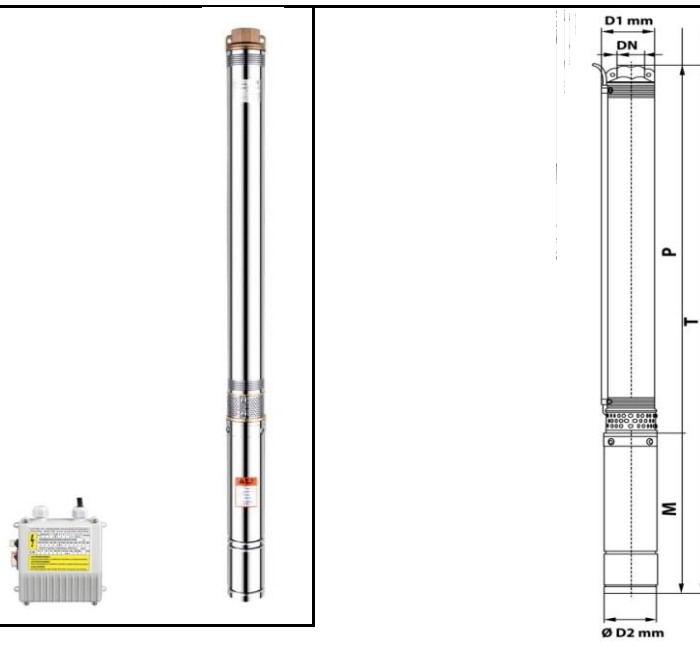
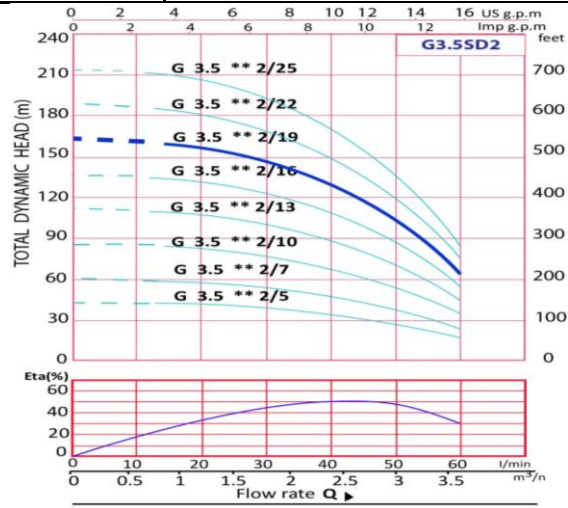
Special Specification	
Installation status :	Vertical
Variable frequency :	NONE
Solid Passage	0.25%

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

<b>Pump and Motor specification optional</b>	
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 : 14.3 Kg

Standard Approve



Applicant:

For Water Supply from

Wells or Reservoirs for

Domestic Use for Civil and

Industrial Applications for

Garden Use and Irrigation

Dimention in

	mm
P	709
M	413
T	1122
DN	1 1/2"
D1	85
D2	84