

<b>Gol Pumps Thechnology</b>		<b>DATA SHEET</b>		<b>Gol Pumps Technology INC</b> <a href="http://www.golpumps.com">www.golpumps.com</a> <a href="http://www.golpumps.us">www.golpumps.us</a> Email : <a href="mailto:info@golpumps.com">info@golpumps.com</a>				
		<b>DC Submersible Pump</b>						
		<b>SCREW PUMP</b>						
<b>Pump Data</b>				<p>The graph plots Head (H) in meters on the y-axis (0 to 60) against Flow Rate (Q) in m³/h on the x-axis (0 to 3.5). Two curves are shown: a black curve for GPDC 12V / S-40-3-0.3-1 and a red curve for GPDC 24 V / S-40-3-0.3-1. Both curves show a decrease in head as flow rate increases, with the 24V model maintaining a higher head at higher flow rates.</p>				
Brand :	Gol Pump							
Model :	GPDC12V/S -40-3-0.3-1							
Head Rate :	90 FEET	Flow Rate:	3.5 GPM					
Head Min:	15 FEET	Flow Max:	13.3 GPM					
Head Max:	120 FEET	Flow Min :	1.7 GPM					
RPM :	5000 rpm							
Normal Power P1 :	0.4 HP							
Fluid:	Water							
Fluid Temperature:	at about 25 °C							
Density:	water 997 kg/m³							
Fluid Viscosity:	8.90 × 10 <sup>-4</sup> Pa·s							
With Float switch	NONE							
Kind of Pump	Submersible							
Delivery size	1" Outlet with hose head							
Suction size	With Strainer							
Made in :	CHINA							
<b>Motor Data</b>				<p>The photograph shows the blue and silver submersible pump unit vertically installed in a well. Above the well, a solar panel is mounted on a frame, connected to the pump system. Water is seen flowing out of the well's outlet pipe.</p>				
KIND OF Motor	with Brush							
Power P1:	0.3 KW							
Phase (PH):	DC SINGLE PHASE							
Rate Voltage :	12 VDC							
Capacitor Need :	NONE							
Ferequency :	DC							
Rated Speed (rpm):	5000 rpm							
Current (A):	25 A							
Cos φ :	1							
Degree of Protection (IP):	IP 68							
Safety Protection Included :	E							
length of Cable :	20 M							
Kind of Plug :	NONE							
Ambient Temp :	40°C = 104°F							
<b>Other Pump Data</b>				<p>The diagram illustrates a direct connection system. A solar panel is connected to a DC controller, which is in turn connected to a battery. The battery is connected to a solar water pump located in a well. The pump draws water from the well and discharges it into a water tank.</p>				
Impeller Model :	SCREW Impeller							
Pressuer Rating :	PN 16							
Min. Fluid Temp :	0°C = 32°F							
Max. Fluid Temp :	90°C = 234°F							
Ambient Temp :	40°C = 104°F							
Humidity % :	100%							
<b>Special Specification</b>						<p>The photograph shows a black battery unit. The diagram shows the solar panel, DC controller, battery, and solar water pump in a well, connected to a water tank.</p>		
Installation status :	Vertical							
Variable frequency :	NONE							
Solid Passage:	80		Gr/M3					
<b>Materials</b>				<p>The diagram shows the solar panel, battery, DC controller, and solar water pump in a well, connected to a water tank.</p>				
Pump Body :	Cast Iron							
Diffuser :	Rubber							
Impeller:	SCREW Impeller							
Mechanical Seal:	CE/CA/NBR/INOX							
Rubber:	NBR							
Pump Shaft:	SUS 304							
Strainer:	SUS 304							
outer cover:	Cast Iron							
Motor:	Cast Iron							
<b>Shaft Seal</b>				<p><b>Applicant :</b></p> <p>Irrigation, Livestock, Garden Fountains,</p> <p>Home Supply, Large Scale Watering System</p> <p>Commercial Establishments, Solar Water Treatment</p> <p>DC Solar Water Pump Connect to Solar Panel Directly</p> <p>DC Solar Water Pump Connect to Battery Directly</p>				
Type:	*							
Stationary Part:	Ceramic							
Rotating Part:	Carbon							
Elastomer:	NBR							
<b>Standard Approve :</b>		<b>Weight : * Kg</b>						
<b>CE</b>								
		<b>Rev : 2021 / 02</b>						