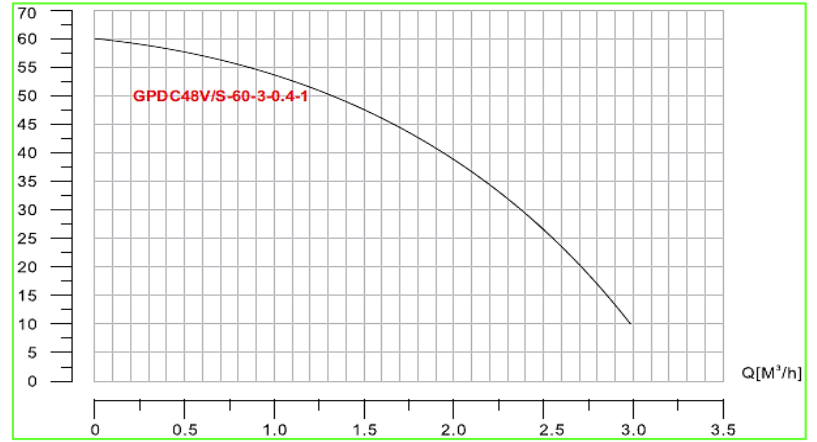


**Pump Data**

|                    |                              |            |          |
|--------------------|------------------------------|------------|----------|
| Brand :            | Gol Pump                     |            |          |
| Model :            | GPDC48V/S -60-3-0.4-1        |            |          |
| Head Rate :        | 141 FEET                     | Flow Rate: | 6.6 GPM  |
| Head Min:          | 48 FEET                      | Flow Max:  | 13.3 GPM |
| Head Max:          | 180 FEET                     | Flow Min : | 2.2 GPM  |
| RPM :              | 5000 rpm                     |            |          |
| Normal Power P1 :  | 0.53 HP                      |            |          |
| Fluid:             | Water                        |            |          |
| Fluid Temperature: | at about 25 °C               |            |          |
| Density:           | water 997 kg/m <sup>3</sup>  |            |          |
| 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                        |            |          |



**Motor Data**

|                              |                 |
|------------------------------|-----------------|
| KIND OF Motor                | with Brush      |
| Power P1:                    | 0.4 KW          |
| Phase (PH):                  | DC SINGLE PHASE |
| Rate Voltage :               | 48 VDC          |
| Capacitor Need :             | NONE            |
| Ferequency :                 | DC              |
| Rated Speed (rpm):           | 5000 rpm        |
| Current (A):                 | 8 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    |

**Other Pump Data**

|                   |                |
|-------------------|----------------|
| 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%           |

**Special Specification**

|                       |          |
|-----------------------|----------|
| Installation status : | Vertical |
| Variable frequency :  | NONE     |
| Solid Passage:        | 80 Gr/M3 |

**Materials**

|                  |                |
|------------------|----------------|
| Pump Body :      | Cast Iron      |
| Diffuser :       | SCREW Impeller |
| 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      |

**Shaft Seal**

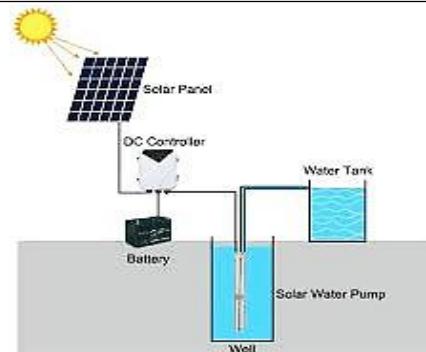
|                  |         |
|------------------|---------|
| Type:            | *       |
| Stationary Part: | Ceramic |
| Rotating Part:   | Carbon  |
| Elastomer:       | NBR     |

**Standard Approve :**

|    |  |                 |
|----|--|-----------------|
| CE |  | Weight : * Kg   |
|    |  | Rev : 2021 / 02 |



**Direct Connection to Solar Panel**



**Applicant :**

Irrigation, Livestock, Garden Fountains,

Home Supply, Large Scale Watering System

Commercial Establishments, Solar Water Treatment

DC Solar Water Pump Connect to Solar Panel Directly

DC Solar Water Pump Connect to Battery Directly