5 SQ05-180, 60 Hz
Pumped liquid = Water
Liquid temperature = 68 °F
Density = 62.29 lb/ft³
Company name: Aqua Science  
Created by:  
Phone: 800-767-8731  
Fax:  
Date:  

**Description | Value**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product No:</td>
<td>5 SQ05-180</td>
</tr>
<tr>
<td>96160132</td>
<td></td>
</tr>
<tr>
<td>570098693611</td>
<td></td>
</tr>
</tbody>
</table>

**Technical:**

- Speed for pump data: 10700 rpm
- Actual calculated flow: 4.4 US GPM
- Resulting head of the pump: 231 ft
- Approvals on nameplate: UL, cUL
- Approvals on motor nameplate: CE, UL, CUL
- Pump No: 96397362
- Stages: 4
- Model: B
- Valve: pump with built-in non-return valve

**Materials:**

- Pump: Polyethylene / Stainless steel
  DIN W.-Nr. 1.4301
- Motor: Stainless steel
  DIN W.-Nr. 1.4301
  AISI 304

**Installation:**

- Pump outlet: NPT 1
- Minimum borehole diameter: 2.99 in

**Liquid:**

- Pumped liquid: Water
- Maximum liquid temperature: 95 °F
- Max liquid t at 0.15 m/sec: 95 °F
- Liquid temp: 68 °F
- Density: 62.29 lb/ft³
- Kinematic viscosity: 0.0388 ft²/h

**Electrical data:**

- Motor type: MS3
- Power input - P1: 1.02 kW
- Rated power - P2: 0.939 HP
- Mains frequency: 60 Hz
- Rated voltage: 1 x 200-240 V
- Start. method: direct-on-line
- Service factor: 1.85
- Rated current: 5.2 A
- Power factor: 1.00
- Rated speed: 10700 rpm
- Enclosure class (IEC 34-5): 58
- Insulation class (IEC 85): F
- Motor protec: Y
- Thermal protec: internal
- Length of cable: 4.92 ft
- Motor No: 96160535

**Controls:**

- GU 300/CU 301: no communication possible

**Others:**

- Sales region: Namreg

---

**Graph:**

- **5 SQ05-180, 60 Hz**
- Pumped liquid = Water
- Liquid temperature = 68 °F
- Density = 62.29 lb/ft³

---

Printed from Grundfos CAPS [2012.04.040]