

|                 |                  |           |
|-----------------|------------------|-----------|
| PROJECT:        | UNIT TAG:        | QUANTITY: |
| REPRESENTATIVE: | TYPE OF SERVICE: | DATE:     |
| ENGINEER:       | SUBMITTED BY:    | DATE:     |
| CONTRACTOR:     | APPROVED BY:     | DATE:     |
|                 | ORDER NO.:       |           |

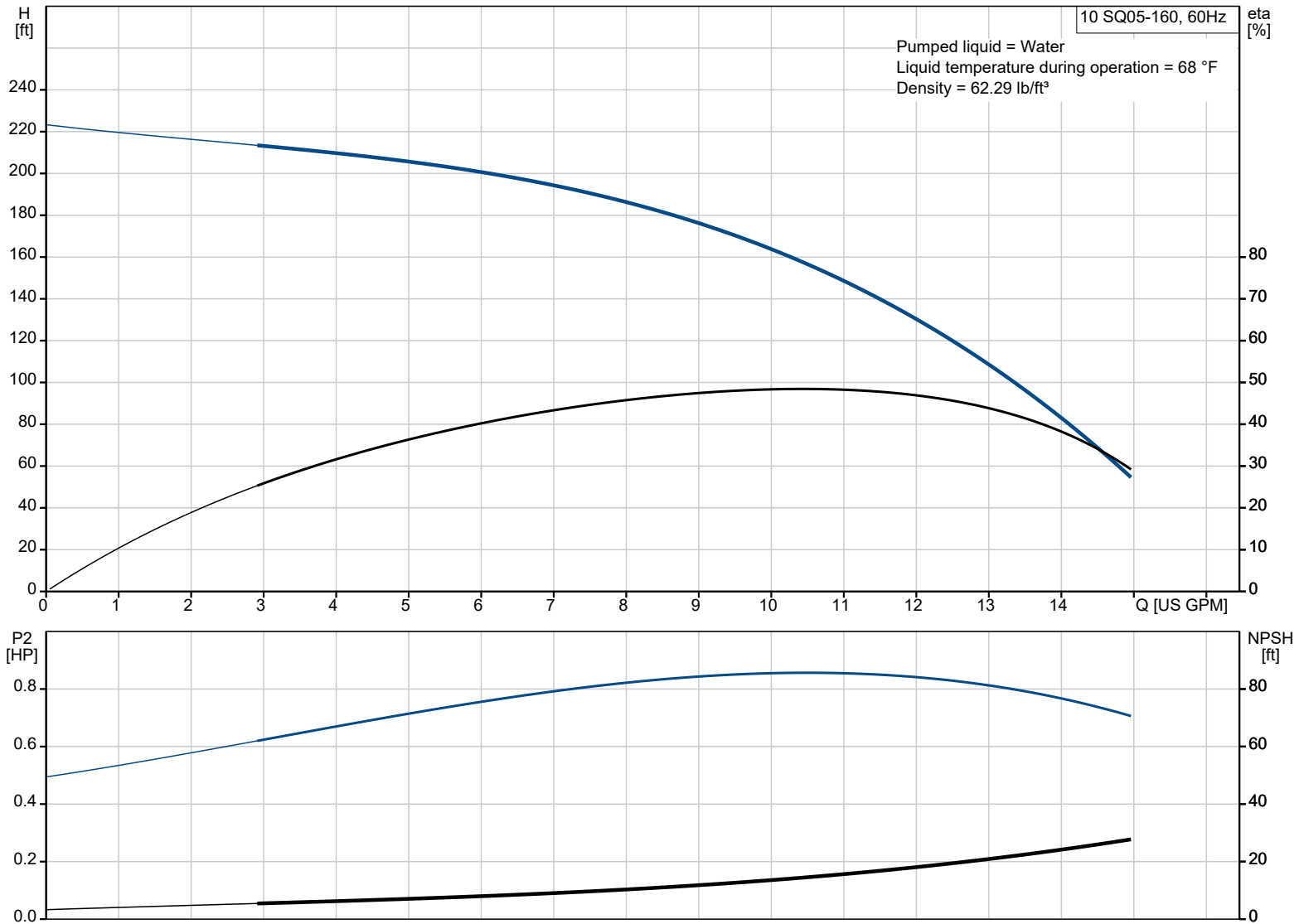


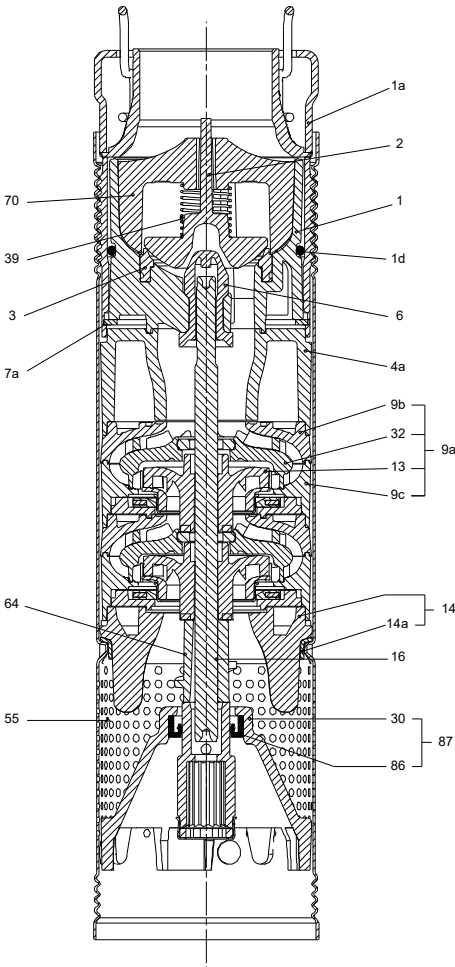
10 SQ05-160

Submersible pumps

Note! Product picture may differ from actual product

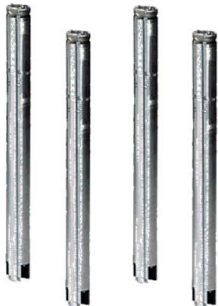
| Conditions of Service |       | Pump Data                 |             | Motor Data          |           |
|-----------------------|-------|---------------------------|-------------|---------------------|-----------|
| Liquid:               | Water | Liquid temperature range: | 32 .. 95 °F | Rated voltage:      | 100-115 V |
| Temperature:          | 68 °F | Product number:           | 96160167    | Mains frequency:    | 60 Hz     |
| Specific Gravity:     | 1.000 |                           |             | Enclosure class:    | IP68      |
|                       |       |                           |             | Insulation class:   | F         |
|                       |       |                           |             | Motor protection:   | Y         |
|                       |       |                           |             | Thermal protection: | internal  |
|                       |       |                           |             | Motor type:         | MS3       |





**Materials:**

- Impeller: Composite
- Motor: Stainless steel
- Motor: DIN W.-Nr. 1.4301
- Motor: AISI 304

| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <p><b>10 SQ05-160</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: <a href="#">96160167</a></p> <p>3" multi-stage, submersible pump designed for domestic water supply, liquid transfer in tanks, irrigation and environmental applications. The pump has "floating" impellers, each with its own tungsten carbide/ceramic bearing.</p> <p>The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature.</p> <p>The motor is a single-phase motor of the permanent magnet rotor type ensuring optimum efficiency within a wide load range. The motor is fitted with a replaceable end cover with socket.</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 32 .. 95 °F</p> <p>Selected liquid temperature: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p>Technical:</p> <p>Pump speed on which pump data are based: 10700 rpm</p> <p>Rated flow: 8.81 US GPM</p> <p>Rated head: 177.2 ft</p> <p>Approvals: cULus</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Pump: Stainless steel<br/>EN 1.4301<br/>AISI 304</p> <p>Impeller: Composite<br/>ZYTEL 70G30 HSLR PA6.6-GF30</p> <p>Motor: Stainless steel<br/>DIN W.-Nr. 1.4301<br/>AISI 304</p> <p>Installation:</p> <p>Maximum operating pressure: 217.56 psi</p> <p>Pump outlet: 1 1/4"NPT</p> <p>Minimum borehole diameter: 2.99 in</p> <p>Electrical data:</p> <p>Motor type: MS3</p> <p>Power input - P1: 1.09 kW</p> <p>Rated power - P2: 0.939 HP</p> <p>Power (P2) required by pump: 1.34 HP</p> <p>Mains frequency: 60 Hz</p> <p>Rated voltage: 1 x 100-115 V</p> <p>Service factor: 1.85</p> <p>Rated current: 12 A</p> <p>Power factor: 1.00</p> <p>Rated speed: 10700 rpm</p> <p>Start. method: direct-on-line</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): F</p> <p>Length of cable: 4.92 ft</p> <p>Motor No: 96160551</p> |



Company name:  
Created by:  
Phone:

Date: 27/06/2023

| Qty. | Description                                                                                                                                                    |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <div>Others:</div> <div>Net weight: 10.6 lb</div> <div>Gross weight: 12.1 lb</div> <div>Country of origin: MX</div> <div>Custom tariff no.: 8413.70.2004</div> |