

Submittal Data

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

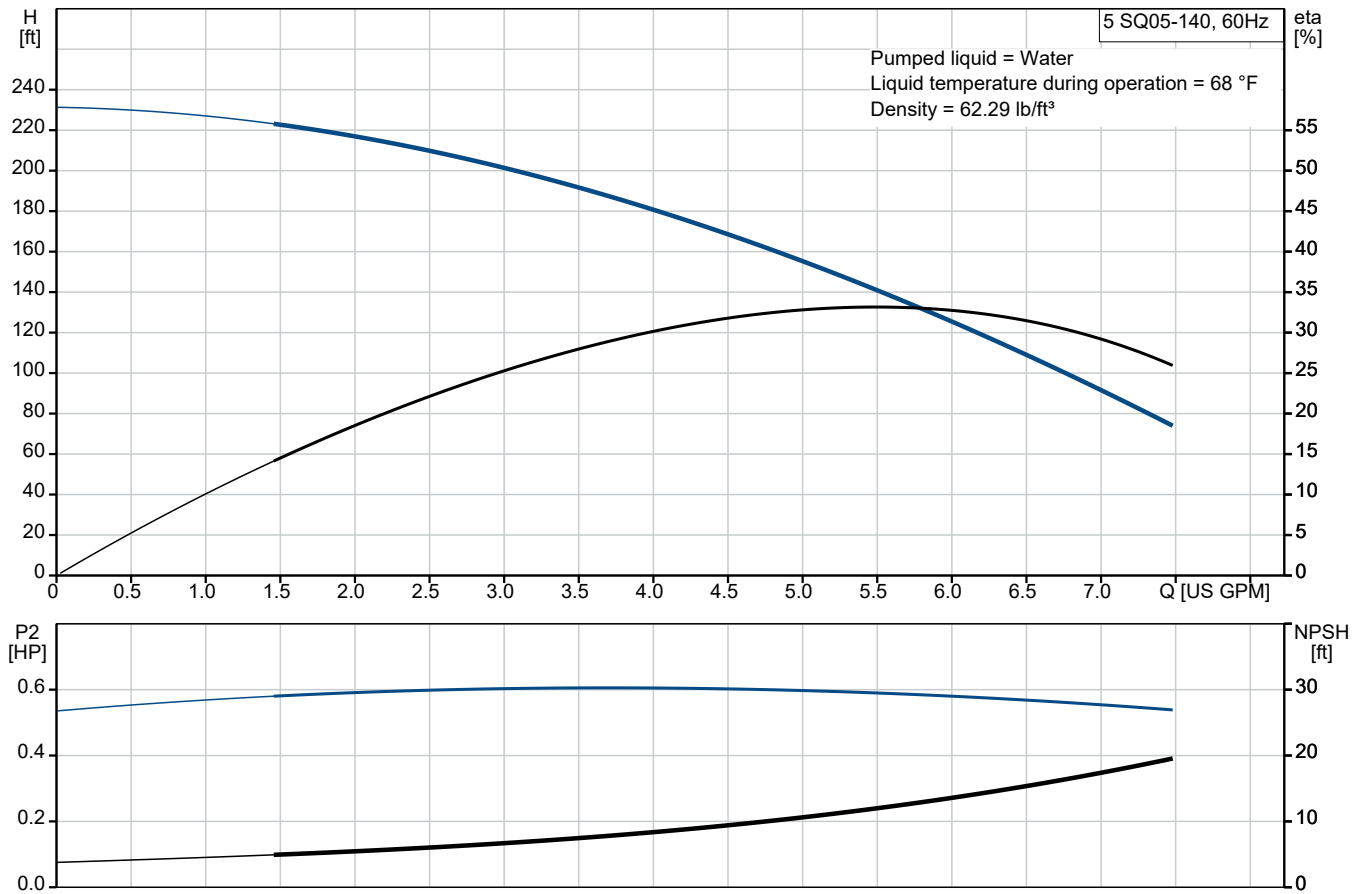


5 SQ05-140

Submersible pumps

Note! Product picture may differ from actual product

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



## Submittal Data

**Materials:**

Impeller: Composite

Motor: Stainless steel

Motor: DIN W.-Nr. 1.4301

Motor: AISI 304

| Qty. | Description |
|------|-------------|
|------|-------------|

|   |                   |
|---|-------------------|
| 1 | <b>5 SQ05-140</b> |
|---|-------------------|



Note! Product picture may differ from actual product

Product No.: On request

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.

The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature.

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.

**Liquid:**

|                              |              |
|------------------------------|--------------|
| Pumped liquid:               | Water        |
| Liquid temperature range:    | 32 .. 95 °F  |
| Selected liquid temperature: | 68 °F        |
| Density:                     | 62.29 lb/ft³ |

**Technical:**

|                                          |                 |
|------------------------------------------|-----------------|
| Pump speed on which pump data are based: | 10700 rpm       |
| Rated flow:                              | 4.4 US GPM      |
| Rated head:                              | 173.9 ft        |
| Approvals:                               | cULus           |
| Curve tolerance:                         | ISO9906:2012 3B |

**Materials:**

|           |                                                  |
|-----------|--------------------------------------------------|
| Pump:     | Stainless steel<br>EN 1.4301<br>AISI 304         |
| Impeller: | Composite<br>ZYTEL 70G30 HSLR PA6.6-GF30         |
| Motor:    | Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304 |

**Installation:**

|                             |            |
|-----------------------------|------------|
| Maximum operating pressure: | 217.56 psi |
| Pump outlet:                | 1"NPT      |
| Minimum borehole diameter:  | 2.99 in    |

**Electrical data:**

|                              |          |
|------------------------------|----------|
| Motor type:                  | MS3      |
| Power input - P1:            | 1.09 kW  |
| Rated power - P2:            | 0.939 HP |
| Power (P2) required by pump: | 1.05 HP  |
| Mains frequency:             | 60 Hz    |



Company name:

Created by:

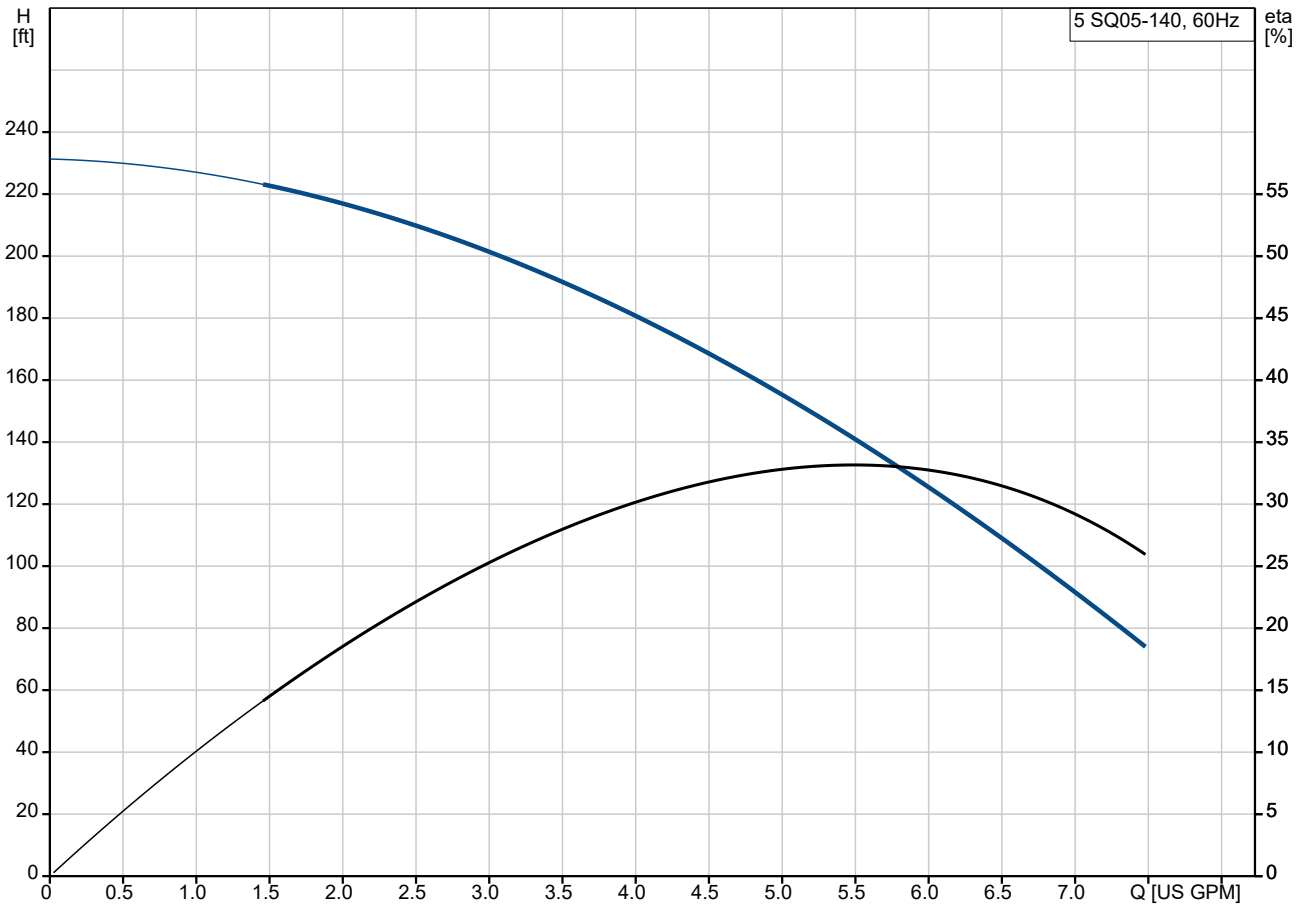
Phone:

Date:

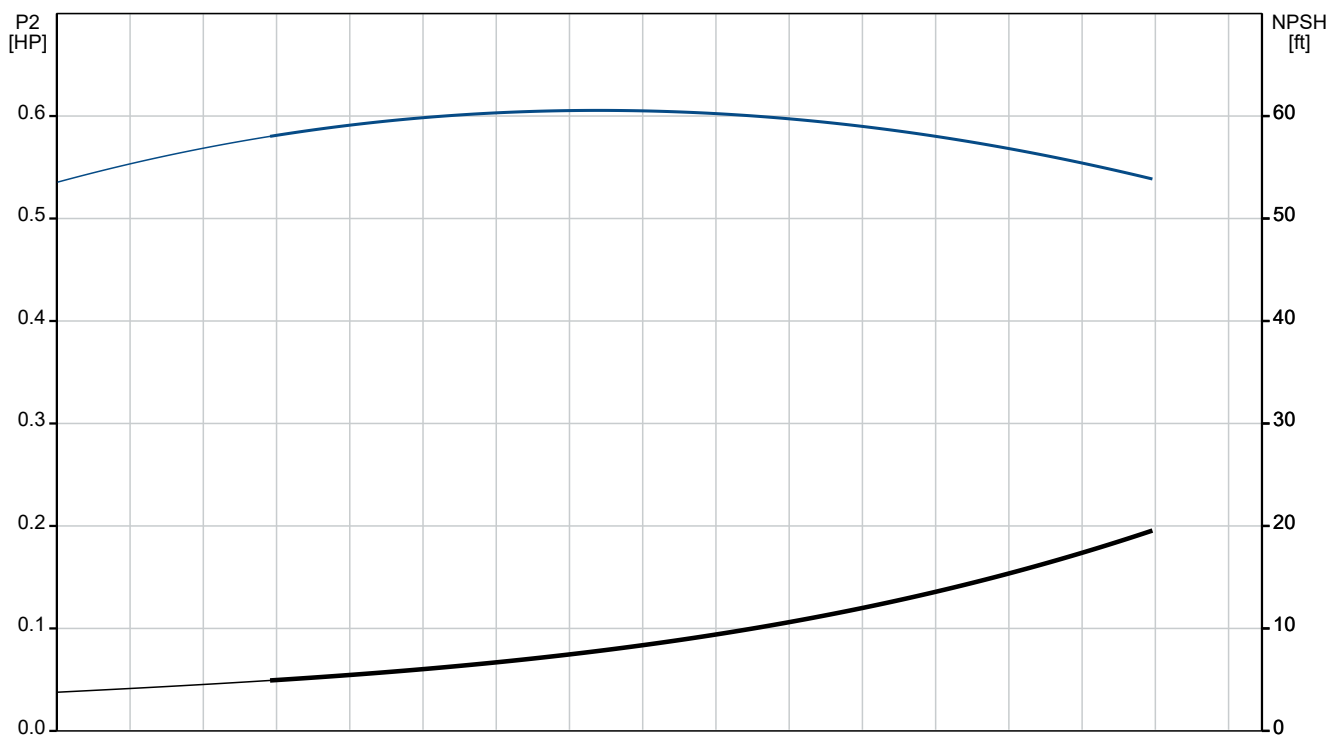
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| Qty. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <div><div><div>Rated voltage:</div><div>Service factor:</div><div>Rated current:</div><div>Power factor:</div><div>Rated speed:</div><div>Start. method:</div><div>Enclosure class (IEC 34-5):</div><div>Insulation class (IEC 85):</div><div>Length of cable:</div><div>Motor No:</div></div><div><div>1 x 100-115 V</div><div>1.85</div><div>12 A</div><div>1.00</div><div>10700 rpm</div><div>DOL</div><div>IP68</div><div>F</div><div>4.92 ft</div><div>96160551</div></div></div> <div><div>Others:</div><div>Net weight:</div><div>Gross weight:</div><div>Country of origin:</div><div>Custom tariff no.:</div></div> <div><div></div><div>10.6 lb</div><div>12.1 lb</div><div>MX</div><div>8413.70.2004</div></div> |

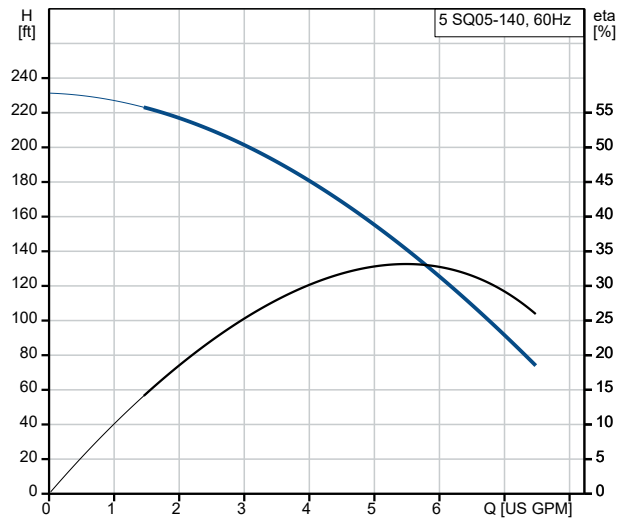
## On request 5 SQ05-140 60 Hz



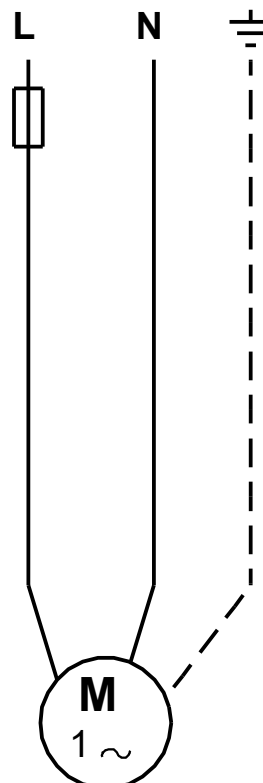
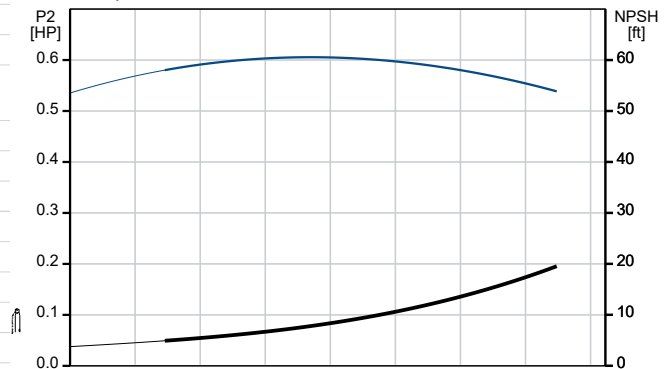
Pumped liquid = Water  
 Liquid temperature during operation = 68 °F  
 Density = 62.29 lb/ft³



| Description                              | Value                          |
|------------------------------------------|--------------------------------|
| <b>General information:</b>              |                                |
| Product name:                            | 5 SQ05-140                     |
| Product No:                              | On request                     |
| EAN number:                              | On request                     |
| <b>Technical:</b>                        |                                |
| Pump speed on which pump data are based: | 10700 rpm                      |
| Rated flow:                              | 4.4 US GPM                     |
| Rated head:                              | 173.9 ft                       |
| Stages:                                  | 3                              |
| Approvals:                               | cULus                          |
| Curve tolerance:                         | ISO9906:2012 3B                |
| Pump No:                                 | 96397392                       |
| Model:                                   | B                              |
| Valve:                                   | Y                              |
| <b>Materials:</b>                        |                                |
| Pump:                                    | Stainless steel                |
| Pump:                                    | EN 1.4301                      |
| Pump:                                    | AISI 304                       |
| Impeller:                                | Composite                      |
| Impeller:                                | ZYTEL 70G30 HSLR<br>PA6.6-GF30 |
| Motor:                                   | Stainless steel                |
| Motor:                                   | DIN W.-Nr. 1.4301              |
| Motor:                                   | AISI 304                       |
| <b>Installation:</b>                     |                                |
| Maximum operating pressure:              | 217.56 psi                     |
| Pump outlet:                             | 1"NPT                          |
| Minimum borehole diameter:               | 2.99 in                        |
| <b>Liquid:</b>                           |                                |
| Pumped liquid:                           | Water                          |
| Liquid temperature range:                | 32 .. 95 °F                    |
| Selected liquid temperature:             | 68 °F                          |
| Density:                                 | 62.29 lb/ft³                   |
| <b>Electrical data:</b>                  |                                |
| Motor type:                              | MS3                            |
| Power input - P1:                        | 1.09 kW                        |
| Rated power - P2:                        | 0.939 HP                       |
| Power (P2) required by pump:             | 1.05 HP                        |
| Mains frequency:                         | 60 Hz                          |
| Rated voltage:                           | 1 x 100-115 V                  |
| Service factor:                          | 1.85                           |
| Rated current:                           | 12 A                           |
| Power factor:                            | 1.00                           |
| Rated speed:                             | 10700 rpm                      |
| Start. method:                           | DOL                            |
| Enclosure class (IEC 34-5):              | IP68                           |
| Insulation class (IEC 85):               | F                              |
| Built-in motor protection:               | Y                              |
| Thermal protec:                          | INT                            |
| Length of cable:                         | 4.92 ft                        |
| Motor No:                                | 96160551                       |
| <b>Controls:</b>                         |                                |
| CU 300/CU 301:                           | N                              |
| <b>Others:</b>                           |                                |
| Net weight:                              | 10.6 lb                        |
| Gross weight:                            | 12.1 lb                        |
| Sales region:                            | Namreg                         |



Pumped liquid = Water  
Liquid temperature during operation = 68 °F  
Density = 62.29 lb/ft³





Company name:

Created by:

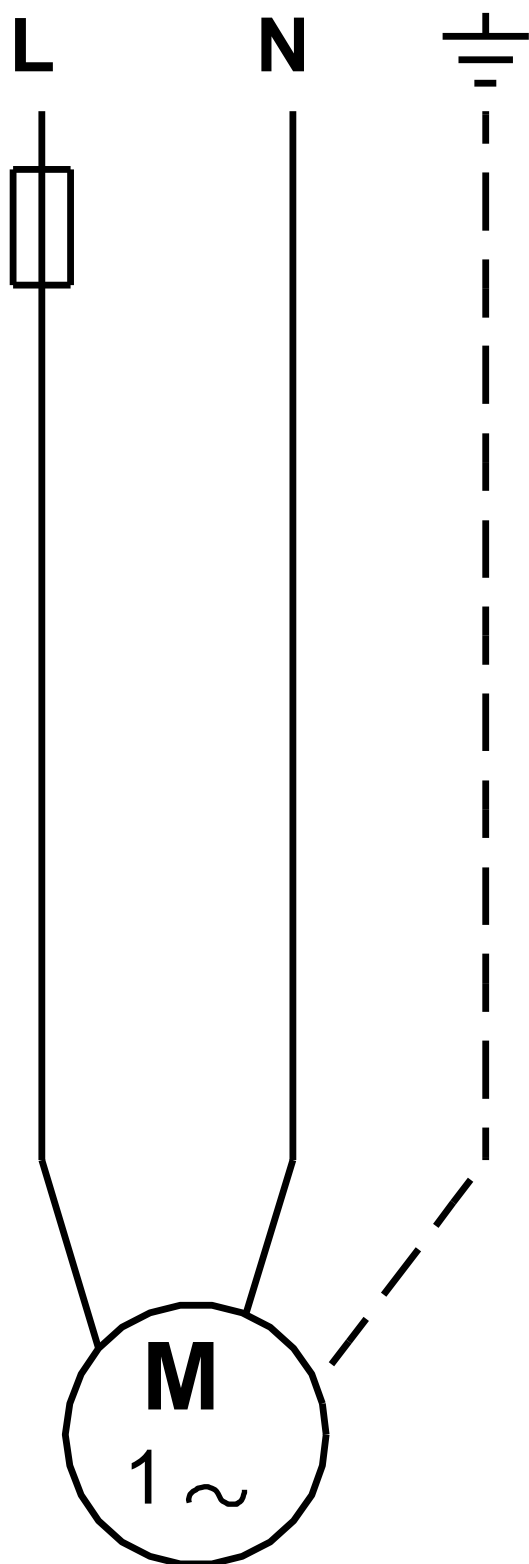
Phone:

Date:

19/08/2024

| Description        | Value        |
|--------------------|--------------|
| Country of origin: | MX           |
| Custom tariff no.: | 8413.70.2004 |

**On request 5 SQ05-140 60 Hz**



Note! All units are in [in] unless others are stated.

19/08/2024

**Order Data:**

| Position | Your pos. | Product name | Amount | Product No | Total |
|----------|-----------|--------------|--------|------------|-------|
|          |           | 5 SQ05-140   | 1      | On request |       |
|          |           |              |        |            |       |