

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

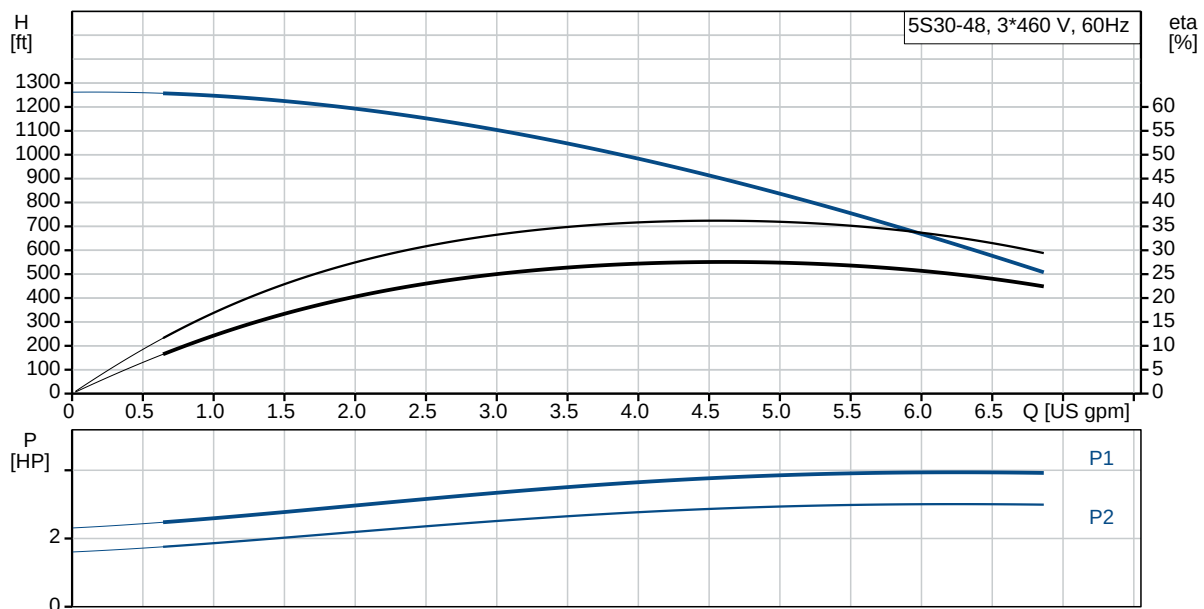


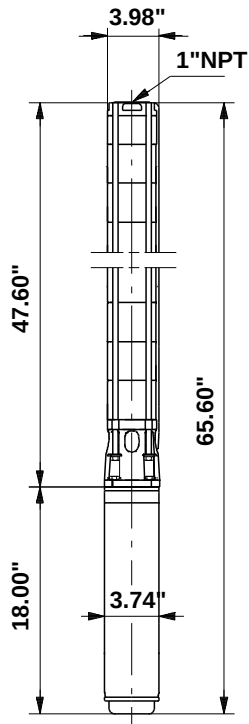
### 5S30-48

Submersible pumps in stainless steel. EN 1.4301 (AISI 304). EN 1.4401 (AISI 316). EN 1.4539 (AISI 904L).  
Typical application: Ground water, Irrigation, Mining, Fountain, Off-shore etc.

Product photo could vary from the actual product

| Conditions of Service                                                                                                                                      | Pump Data                                           | Motor Data                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flow: _____<br>Head: _____<br>Efficiency: _____<br>Liquid: Water<br>Temperature: 68 °F<br>NPSH required: ft<br>Viscosity: _____<br>Specific Gravity: 1.000 | Approvals: CE,GOST2,CSA<br>Product number: 81536485 | Rated power - P2: 3 HP<br>Rated voltage: 440-460 V<br>Main frequency: 60 Hz<br>Enclosure class: IP58<br>Insulation class: F<br>Motor protection: NONE<br>Thermal protection: external<br>Motor type: MS4000 |



**Materials:**

Pump: Stainless steel  
EN 1.4301  
AISI 304

Impeller: Stainless steel  
EN 1.4301  
AISI 304

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



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| Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | <div></div> <p>Product No.: <a href="#">81536485</a><br/>Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-aggressive liquids without solid particles or fibers.</p> <p>The pump is made entirely of Stainless steel DIN W.-Nr. EN 1.4301 and suitable for horizontal and vertical installation.<br/>The pump is fitted with a built-in non-return valve.</p> <p>The motor is a 3-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.</p> <p><b>Liquid:</b><br/>Pumped liquid: Water<br/>Maximum liquid temperature: 140 °F<br/>Selected liquid temperature: 68 °F<br/>Density: 62.29 lb/ft<sup>3</sup></p> <p><b>Technical:</b><br/>Pump speed on which pump data is based: 3450 rpm<br/>Rated flow: 4.4 US gpm<br/>Rated head: 839.9 ft<br/>Shaft seal for motor: HM/CER<br/>Approvals on nameplate: CE,GOST2,CSA<br/>Curve tolerance: ISO9906:2012 3B<br/>Specification for shaft end: CYLINDRICAL</p> <p><b>Materials:</b><br/>Pump: Stainless steel<br/>EN 1.4301<br/>AISI 304<br/>Impeller: Stainless steel<br/>EN 1.4301<br/>AISI 304<br/>Motor: Stainless steel<br/>DIN W.-Nr. 1.4301</p> |



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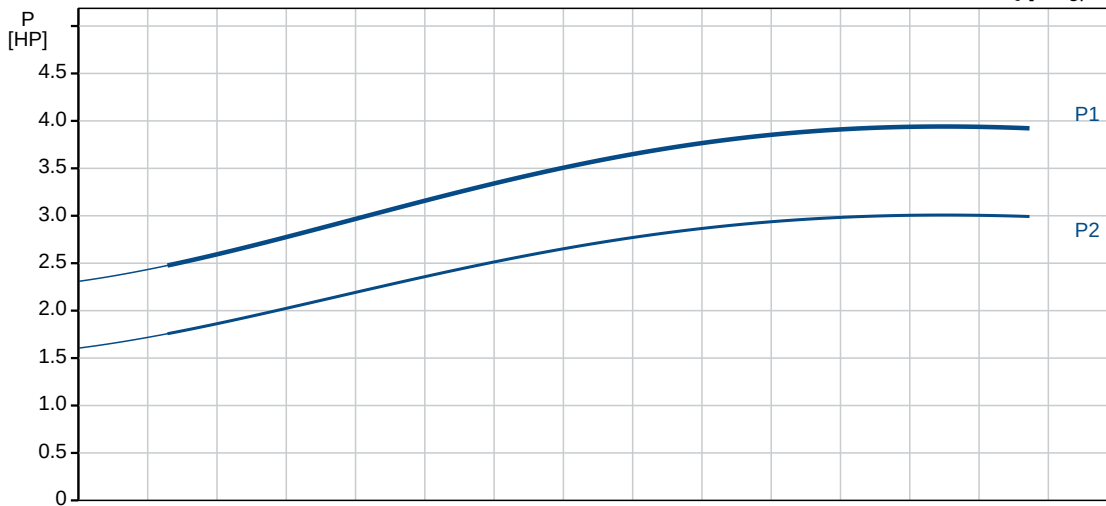
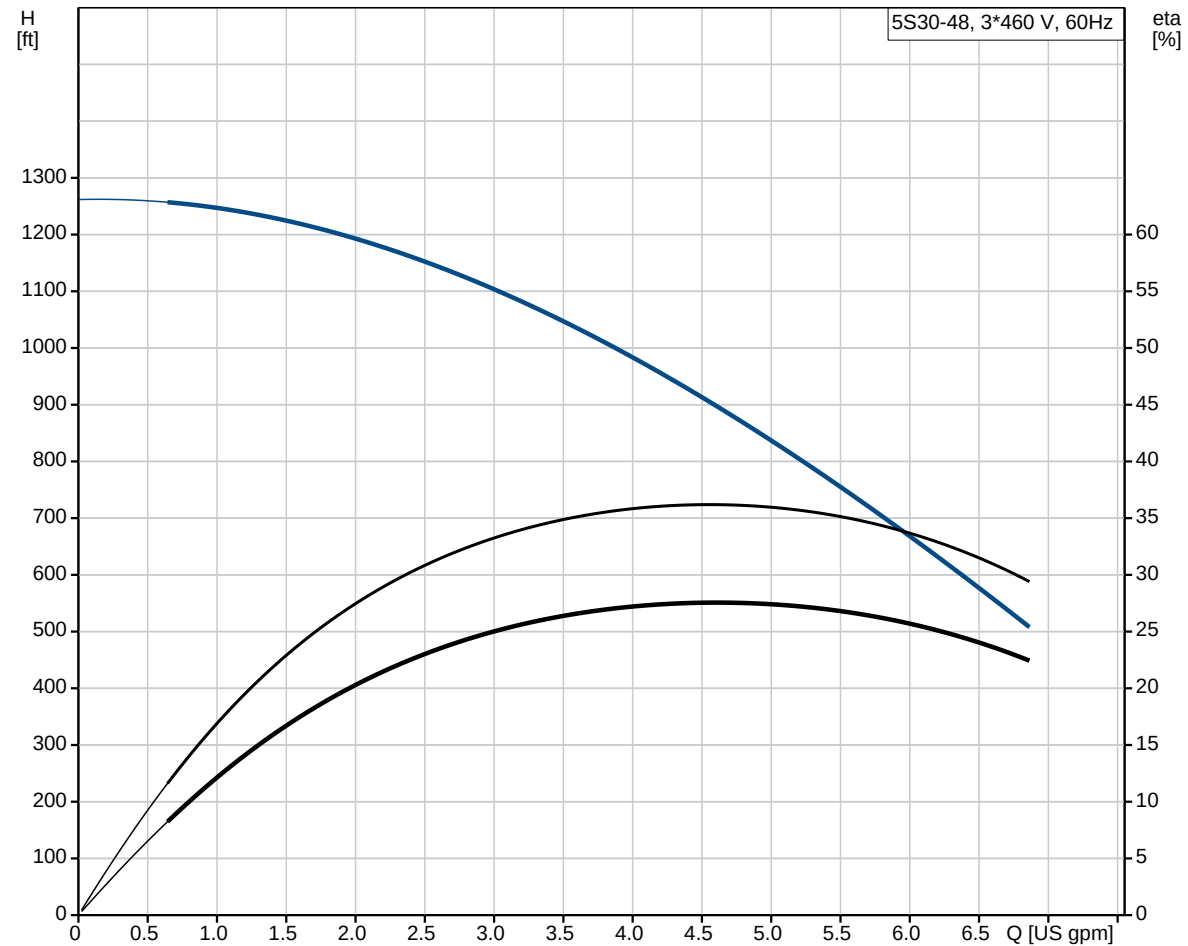
| Count | Description                           |
|-------|---------------------------------------|
|       | AISI 304                              |
|       | <b>Installation:</b>                  |
|       | Maximum ambient pressure: 870.23 psi  |
|       | Pump outlet: 1"NPT                    |
|       | Motor diameter: 4 inch                |
|       | <b>Electrical data:</b>               |
|       | Motor type: MS4000                    |
|       | Rated power - P2: 3 HP                |
|       | Power (P2) required by pump: 3 HP     |
|       | Main frequency: 60 Hz                 |
|       | Rated voltage: 3 x 440-460 V          |
|       | Service factor: 1.15                  |
|       | Rated current: 5.65-5.80 A            |
|       | Starting current: 510-520 %           |
|       | Cos phi - power factor: 0.82-0.78     |
|       | Rated speed: 3440-3460 rpm            |
|       | Start. method: direct-on-line         |
|       | Enclosure class (IEC 34-5): IP58      |
|       | Insulation class (IEC 85): F          |
|       | Built-in temperature transmitter: No  |
|       | Motor Number: 79354507                |
|       | <b>Others:</b>                        |
|       | ErP status: EuP Standalone/Prod.      |
|       | Net weight: 77.4 lb                   |
|       | Gross weight: 86 lb                   |
|       | Shipping volume: 1750 ft <sup>3</sup> |
|       | Country of origin: US                 |
|       | Custom tariff no.: 8413.70.2004       |



Company name:  
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## 81536485 5S30-48 60 Hz





Company name:

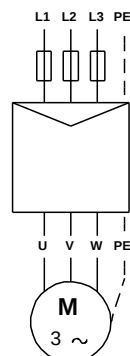
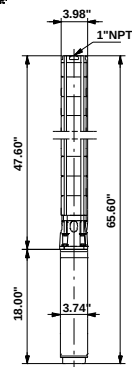
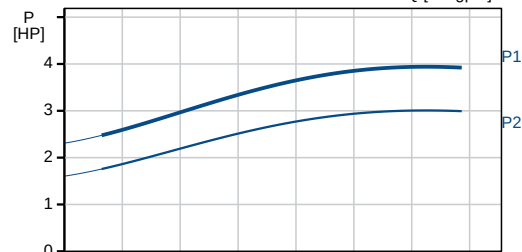
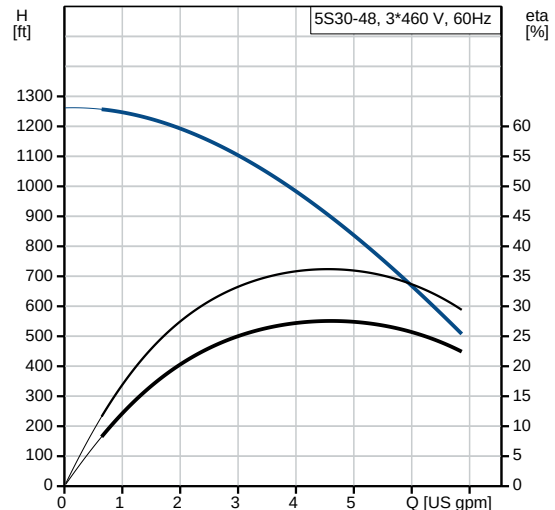
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| Description                             | Value                    |
|-----------------------------------------|--------------------------|
| <b>General information:</b>             |                          |
| Product name:                           | 5S30-48                  |
| Product No.:                            | 81536485                 |
| EAN:                                    | 5700394509695            |
|                                         | 5700394509695            |
| <b>Technical:</b>                       |                          |
| Pump speed on which pump data is based: | 3450 rpm                 |
| Rated flow:                             | 4.4 US gpm               |
| Rated head:                             | 839.9 ft                 |
| Stages:                                 | 48                       |
| Impeller reduc.:                        | NONE                     |
| Shaft seal for motor:                   | HM/CER                   |
| Approvals on nameplate:                 | CE,GOST2,CSA             |
| Curve tolerance:                        | ISO9906:2012 3B          |
| Pump Number:                            | 08110048                 |
| Model:                                  | A                        |
| Valve:                                  | YES                      |
| Specification for shaft end:            | CYLINDRICAL              |
| <b>Materials:</b>                       |                          |
| Pump:                                   | Stainless steel          |
|                                         | EN 1.4301                |
|                                         | AISI 304                 |
| Impeller:                               | Stainless steel          |
|                                         | EN 1.4301                |
|                                         | AISI 304                 |
| Motor:                                  | Stainless steel          |
|                                         | DIN W.-Nr. 1.4301        |
|                                         | AISI 304                 |
| <b>Installation:</b>                    |                          |
| Maximum ambient pressure:               | 870.23 psi               |
| Pump outlet:                            | 1"NPT                    |
| Motor diameter:                         | 4 inch                   |
| <b>Liquid:</b>                          |                          |
| Pumped liquid:                          | Water                    |
| Maximum liquid temperature:             | 140 °F                   |
| Selected liquid temperature:            | 68 °F                    |
| Density:                                | 62.29 lb/ft <sup>3</sup> |
| <b>Electrical data:</b>                 |                          |
| Motor type:                             | MS4000                   |
| Applic. motor:                          | GRUNDFOS                 |
| Rated power - P2:                       | 3 HP                     |
| Power (P2) required by pump:            | 3 HP                     |
| Main frequency:                         | 60 Hz                    |
| Rated voltage:                          | 3 x 440-460 V            |
| Service factor:                         | 1.15                     |
| Rated current:                          | 5.65-5.80 A              |
| Starting current:                       | 510-520 %                |
| Cos phi - power factor:                 | 0.82-0.78                |





Company name:

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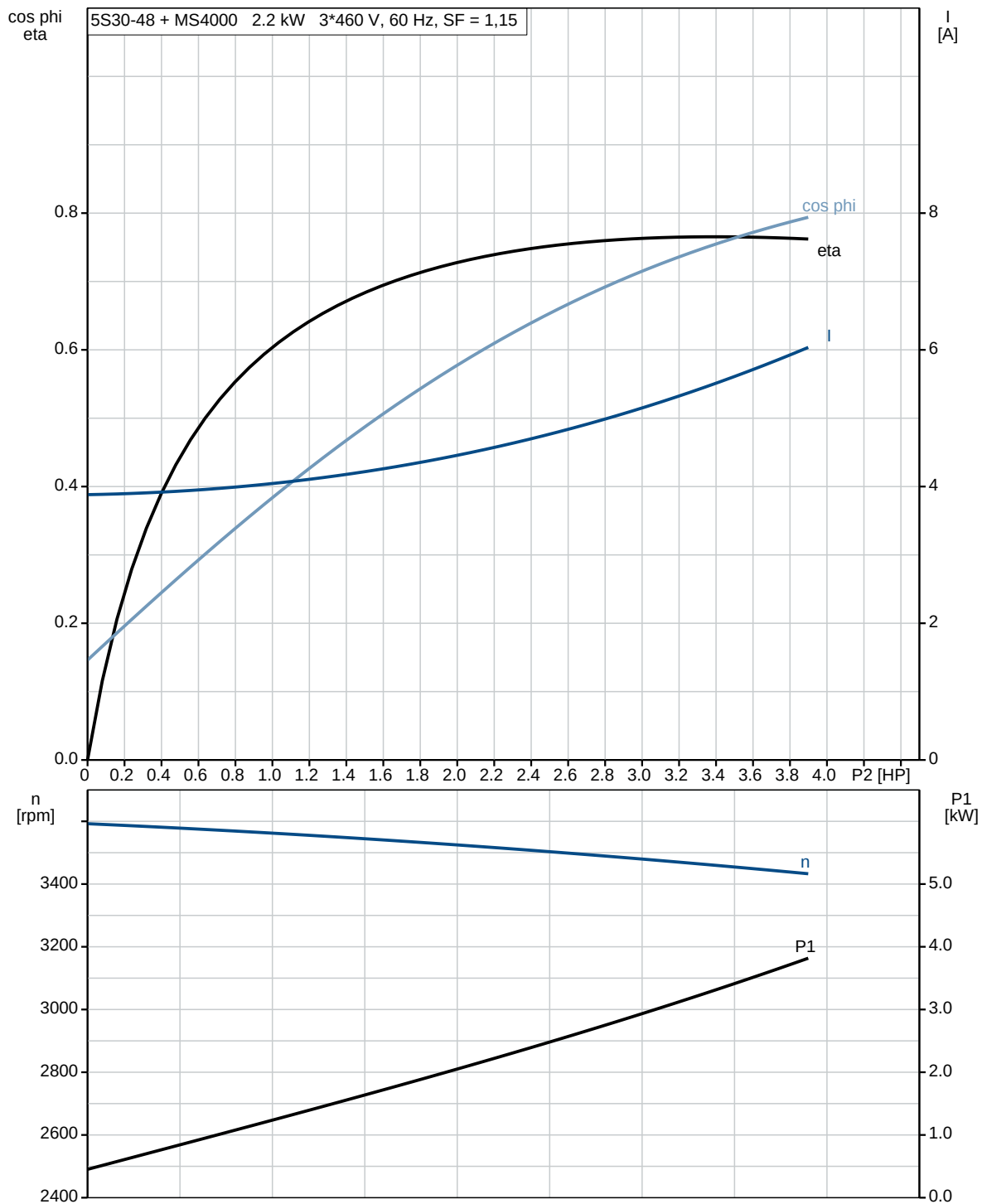
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| Description                       | Value                   |
|-----------------------------------|-------------------------|
| Rated speed:                      | 3440-3460 rpm           |
| Axial load max:                   | 992 lb                  |
| Start. method:                    | direct-on-line          |
| Enclosure class (IEC 34-5):       | IP58                    |
| Insulation class (IEC 85):        | F                       |
| Motor protection:                 | NONE                    |
| Thermal protec:                   | external                |
| Built-in temperature transmitter: | No                      |
| Motor Number:                     | 79354507                |
| <b>Others:</b>                    |                         |
| ErP status:                       | EuP<br>Standalone/Prod. |
| Net weight:                       | 77.4 lb                 |
| Gross weight:                     | 86 lb                   |
| Shipping volume:                  | 1750 ft <sup>3</sup>    |
| Sales region:                     | Namreg                  |
| Country of origin:                | US                      |
| Custom tariff no.:                | 8413.70.2004            |

## 81536485 5S30-48 60 Hz



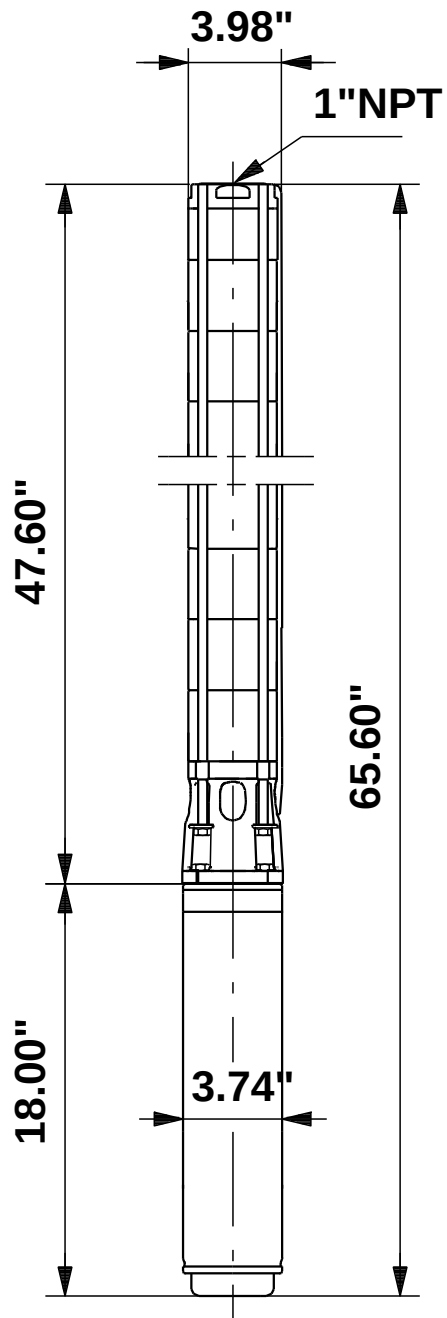




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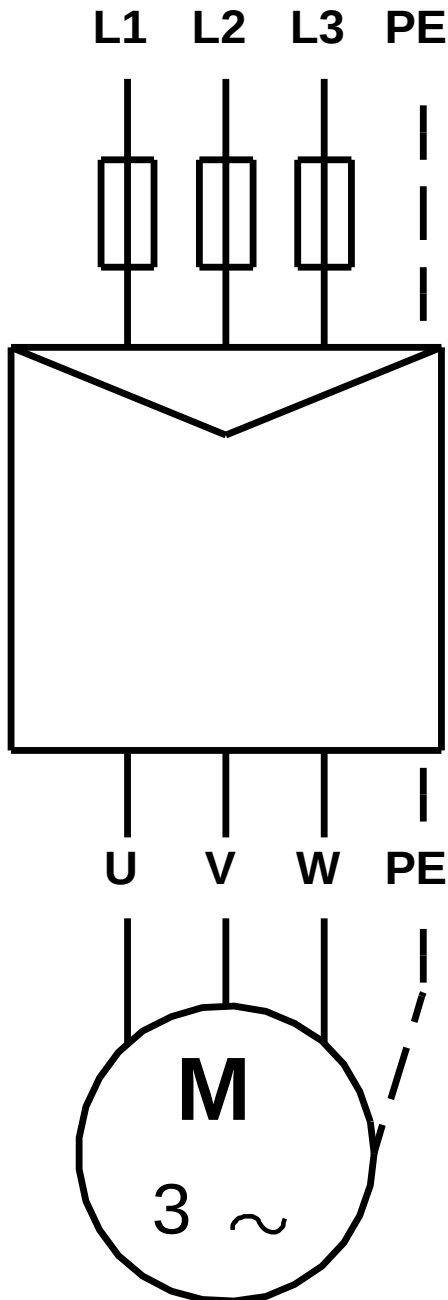
Date: 5/21/2020

**81536485 5S30-48 60 Hz**



Note! All units are in [in] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

**81536485 5S30-48 60 Hz**



All units are [in] unless otherwise presented.