

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

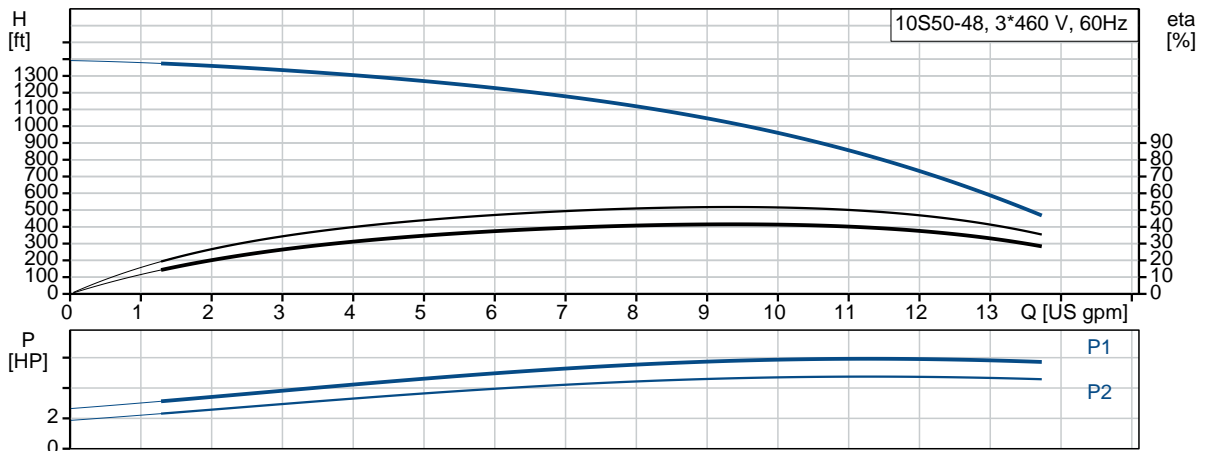


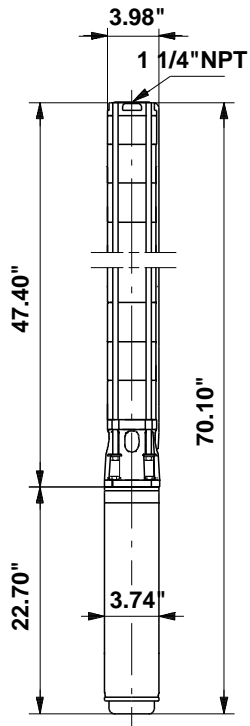
10S50-48

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: _____ | Approvals: CE, GOST2, CSA | Rated power - P2: 5 HP |
| Head: _____ | Product number: 91536485 | Rated voltage: 440-460 V |
| Efficiency: _____ | | Main frequency: 60 Hz |
| Liquid: Water | | Enclosure class: IP58 |
| Temperature: 68 °F | | Insulation class: F |
| NPSH required: ft | | Motor protection: NONE |
| Viscosity: _____ | | Thermal protection: external |
| Specific Gravity: 1.000 | | 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

| Count | Description | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------|-------|-----------------------------|--------|------------------------------|-------|----------|--------------------------|---|----------|-------------|-------------|-------------|----------|-----------------------|--------|-------------------------|--------------|------------------|-----------------|------------------------------|-------------|-------|-----------------|
| 1 | <p data-bbox="298 415 407 445">10S50-48</p> <div data-bbox="474 449 500 928" style="text-align: center;">  </div> <p data-bbox="686 909 1138 932" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="298 940 561 968">Product No.: 91536485</p> <p data-bbox="298 972 899 1087">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 data-bbox="298 1119 834 1234">The pump is made entirely of Stainless steel DIN W.-Nr. EN 1.4301 and suitable for horizontal and vertical installation. The pump is fitted with a built-in non-return valve.</p> <p data-bbox="298 1266 834 1354">The motor is a 3-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.</p> <p data-bbox="298 1383 383 1411">Liquid:</p> <table data-bbox="298 1415 776 1533"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Maximum liquid temperature:</td> <td>140 °F</td> </tr> <tr> <td>Selected liquid temperature:</td> <td>68 °F</td> </tr> <tr> <td>Density:</td> <td>62.29 lb/ft³</td> </tr> </table> <p data-bbox="298 1562 423 1589">Technical:</p> <table data-bbox="298 1593 893 1797"> <tr> <td>Pump speed on which pump data is based:</td> <td>3450 rpm</td> </tr> <tr> <td>Rated flow:</td> <td>8.81 US gpm</td> </tr> <tr> <td>Rated head:</td> <td>931.8 ft</td> </tr> <tr> <td>Shaft seal for motor:</td> <td>HM/CER</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>CE,GOST2,CSA</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO9906:2012 3B</td> </tr> <tr> <td>Specification for shaft end:</td> <td>CYLINDRICAL</td> </tr> </table> <p data-bbox="298 1827 415 1854">Materials:</p> <table data-bbox="298 1858 818 1885"> <tr> <td>Pump:</td> <td>Stainless steel</td> </tr> </table> | Pumped liquid: | Water | Maximum liquid temperature: | 140 °F | Selected liquid temperature: | 68 °F | Density: | 62.29 lb/ft ³ | Pump speed on which pump data is based: | 3450 rpm | Rated flow: | 8.81 US gpm | Rated head: | 931.8 ft | Shaft seal for motor: | HM/CER | Approvals on nameplate: | CE,GOST2,CSA | Curve tolerance: | ISO9906:2012 3B | Specification for shaft end: | CYLINDRICAL | Pump: | Stainless steel |
| Pumped liquid: | Water | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum liquid temperature: | 140 °F | | | | | | | | | | | | | | | | | | | | | | | | |
| Selected liquid temperature: | 68 °F | | | | | | | | | | | | | | | | | | | | | | | | |
| Density: | 62.29 lb/ft ³ | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump speed on which pump data is based: | 3450 rpm | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated flow: | 8.81 US gpm | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated head: | 931.8 ft | | | | | | | | | | | | | | | | | | | | | | | | |
| Shaft seal for motor: | HM/CER | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals on nameplate: | CE,GOST2,CSA | | | | | | | | | | | | | | | | | | | | | | | | |
| Curve tolerance: | ISO9906:2012 3B | | | | | | | | | | | | | | | | | | | | | | | | |
| Specification for shaft end: | CYLINDRICAL | | | | | | | | | | | | | | | | | | | | | | | | |
| Pump: | Stainless steel | | | | | | | | | | | | | | | | | | | | | | | | |



Company name:

Created by:

Phone:

Date:

7/7/2020

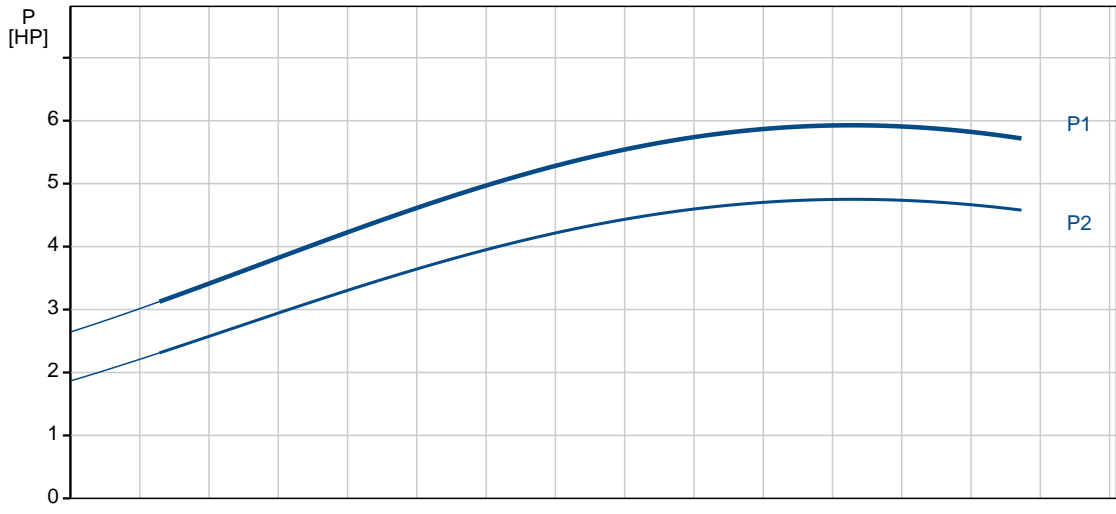
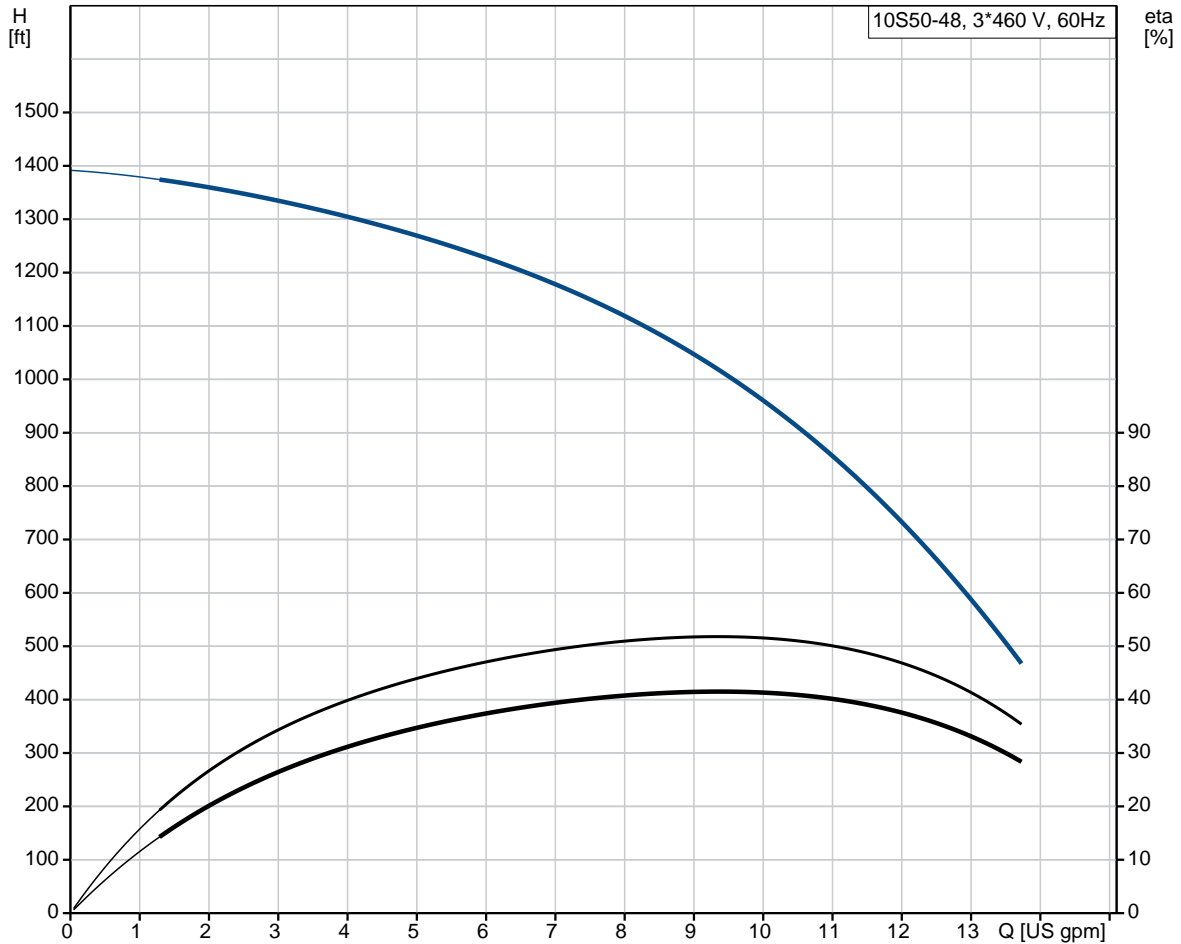
| Count | Description |
|-------|--|
| | EN 1.4301 AISI 304 Impeller: Stainless steel EN 1.4301 AISI 304 Motor: Stainless steel DIN W.-Nr. 1.4301 AISI 304 |
| | Installation: Maximum ambient pressure: 870.23 psi Pump outlet: 1 1/4"NPT Motor diameter: 4 inch |
| | Electrical data: Motor type: MS4000 Rated power - P2: 5 HP Power (P2) required by pump: 5.5 HP Main frequency: 60 Hz Rated voltage: 3 x 440-460 V Service factor: 1.15 Rated current: 8.65-8.65 A Starting current: 550-590 % Cos phi - power factor: 0.83-0.80 Rated speed: 3460-3470 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP58 Insulation class (IEC 85): F Built-in temperature transmitter: No Motor Number: 79354509 |
| | Others: ErP status: EuP Standalone/Prod. Net weight: 103 lb Gross weight: 115 lb Shipping volume: 1750 ft ³ Country of origin: US Custom tariff no.: 8413.70.2004 |



Company name:
Created by:
Phone:

Date: 7/7/2020

91536485 10S50-48 60 Hz

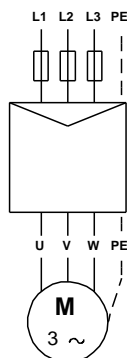
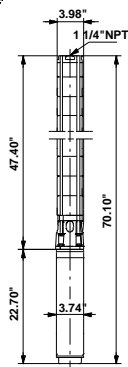
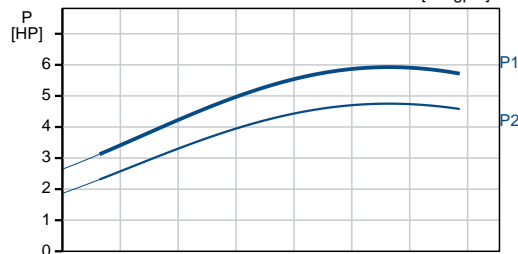
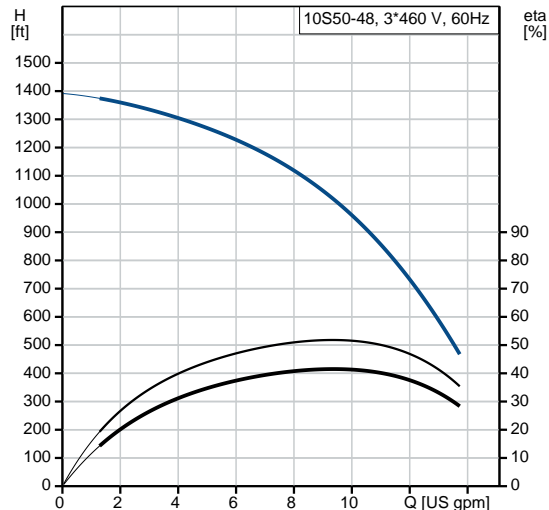




Company name:
Created by:
Phone:

Date: 7/7/2020

| Description | Value |
|---|--|
| General information: | |
| Product name: | 10S50-48 |
| Product No.: | 91536485 |
| EAN: | 5700394510769 |
| | 5700394510769 |
| Technical: | |
| Pump speed on which pump data is based: | 3450 rpm |
| Rated flow: | 8.81 US gpm |
| Rated head: | 931.8 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: | 09110048 |
| Model: | A |
| Valve: | YES |
| Specification for shaft end: | CYLINDRICAL |
| 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 |
| Installation: | |
| Maximum ambient pressure: | 870.23 psi |
| Pump outlet: | 1 1/4"NPT |
| Motor diameter: | 4 inch |
| Liquid: | |
| Pumped liquid: | Water |
| Maximum liquid temperature: | 140 °F |
| Selected liquid temperature: | 68 °F |
| Density: | 62.29 lb/ft ³ |
| Electrical data: | |
| Motor type: | MS4000 |
| Applic. motor: | GRUNDFOS |
| Rated power - P2: | 5 HP |
| Power (P2) required by pump: | 5.5 HP |
| Main frequency: | 60 Hz |
| Rated voltage: | 3 x 440-460 V |
| Service factor: | 1.15 |
| Rated current: | 8.65-8.65 A |
| Starting current: | 550-590 % |
| Cos phi - power factor: | 0.83-0.80 |





Company name:

Created by:

Phone:

Date:

7/7/2020

| Description | Value |
|-----------------------------------|-------------------------|
| Rated speed: | 3460-3470 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: | 79354509 |
| Others: | |
| ErP status: | EuP Standalone/Prod. |
| Net weight: | 103 lb |
| Gross weight: | 115 lb |
| Shipping volume: | 1750 ft ³ |
| Sales region: | Namreg |
| Country of origin: | US |
| Custom tariff no.: | 8413.70.2004 |



Company name:

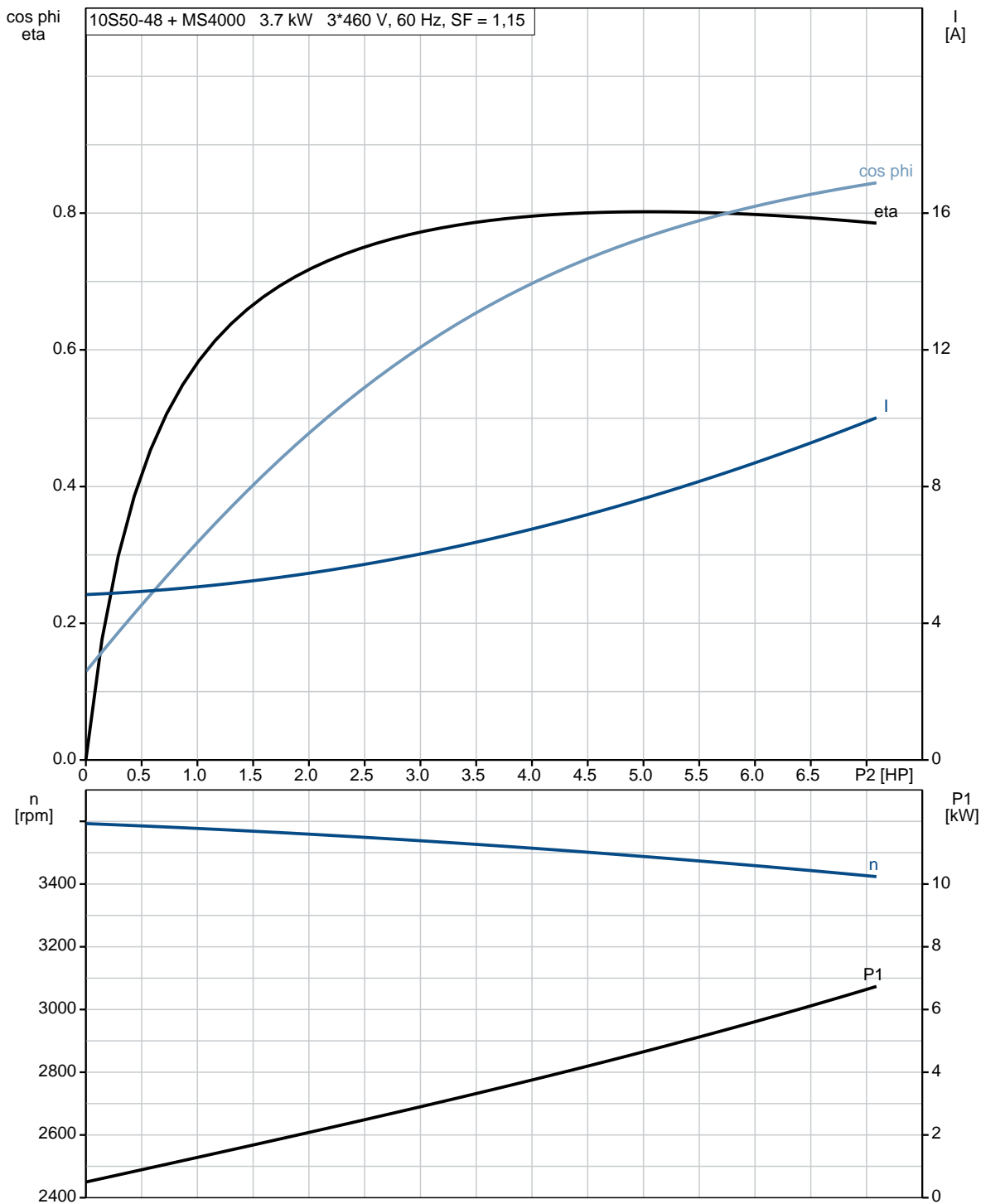
Created by:

Phone:

Date:

7/7/2020

91536485 10S50-48 60 Hz

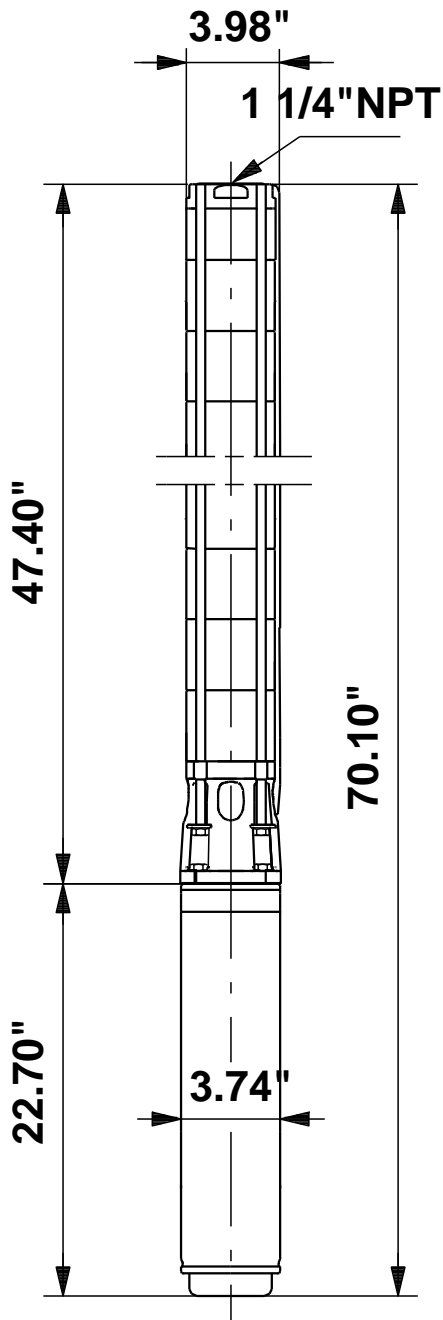




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Phone:

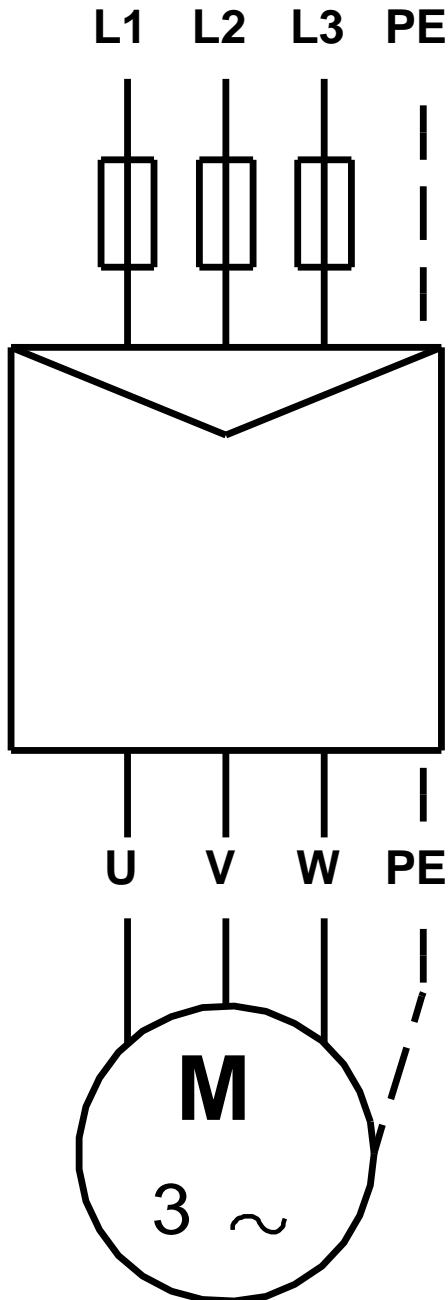
Date: 7/7/2020

91536485 10S50-48 60 Hz



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

91536485 10S50-48 60 Hz



All units are [in] unless otherwise presented.