

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

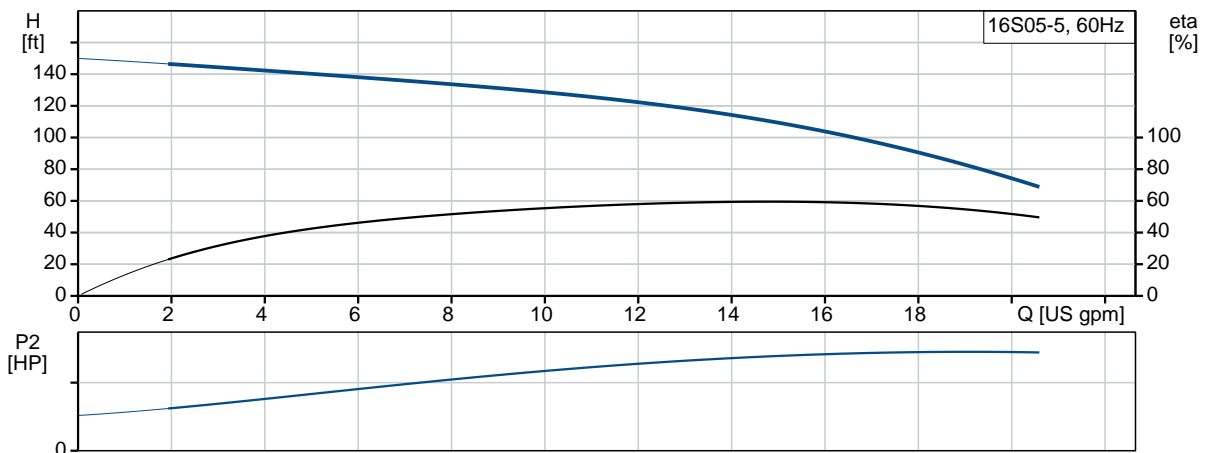


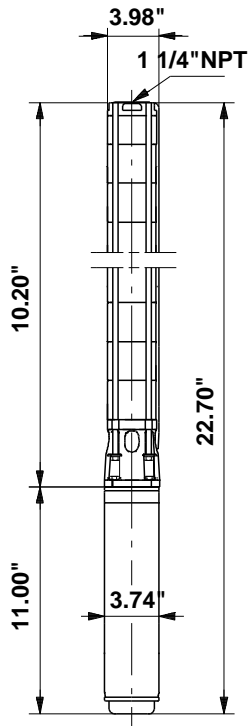
### 16S05-5

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,EAC,CSACOMP,UR | Rated power - P2: 0.5 HP     |
| Head: _____             | Product number: 10019205     | Rated voltage: 115 V         |
| Efficiency: _____       |                              | Main frequency: 60 Hz        |
| Liquid: Water           |                              | Enclosure class: IP68        |
| Temperature: 68 °F      |                              | Insulation class: B          |
| NPSH required: ft       |                              | Motor protection: CONTACT    |
| Viscosity: _____        |                              | Thermal protection: internal |
| Specific Gravity: 1.000 |                              | Motor type: MS402            |





**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="298 415 394 445"><b>16S05-5</b></p> <div data-bbox="446 457 532 928" 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.: <a href="#">10019205</a></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 1-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"><b>Liquid:</b></p> <p data-bbox="298 1415 805 1560">Pumped liquid: Water<br/> Maximum liquid temperature: 104 °F<br/> Max liquid temperature at 0.15 m/sec: 104 °F<br/> Selected liquid temperature: 68 °F<br/> Density: 62.29 lb/ft<sup>3</sup></p> <p data-bbox="298 1591 423 1619"><b>Technical:</b></p> <p data-bbox="298 1623 924 1858">Pump speed on which pump data is based: 3450 rpm<br/> Rated flow: 17.6 US gpm<br/> Rated head: 101.7 ft<br/> Shaft seal for motor: LIPSEAL<br/> Approvals on nameplate: CE,EAC,CSACOMP,UR<br/> Curve tolerance: ISO9906:2012 3B<br/> Motor version: T40<br/> Specification for shaft end: SPLINE</p> |



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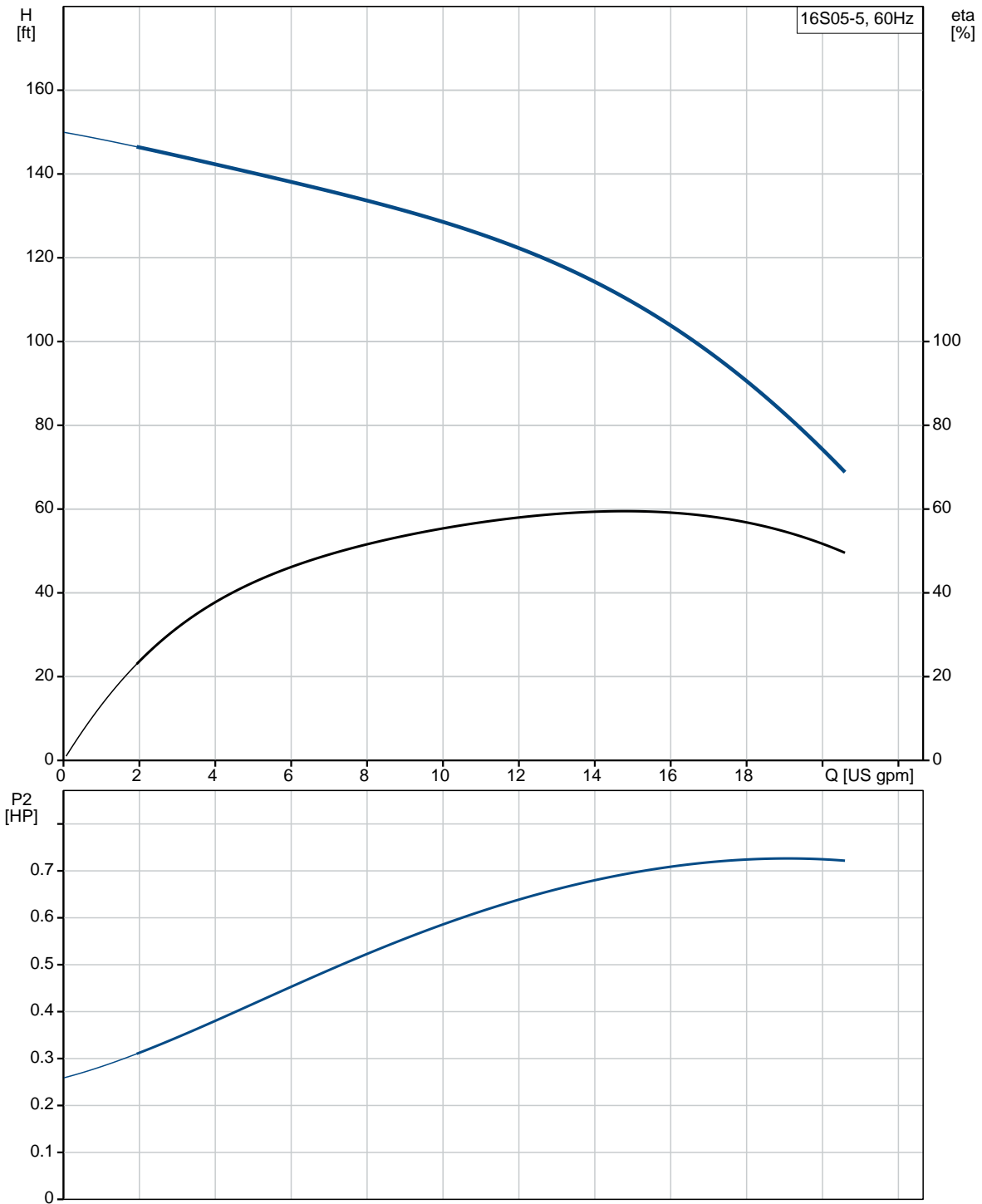
| Count | Description   |
|-------|---|
|       | <b>Materials:</b>                                       |
|       | Pump: Stainless steel<br>EN 1.4301<br>AISI 304          |
|       | Impeller: Stainless steel<br>EN 1.4301<br>AISI 304      |
|       | Motor: Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304 |
|       | <b>Installation:</b>                                    |
|       | Maximum ambient pressure: 217.56 psi                    |
|       | Pump outlet: 1 1/4"NPT                                  |
|       | Motor diameter: 4 inch                                  |
|       | <b>Electrical data:</b>                                 |
|       | Motor type: MS402                                       |
|       | Type of motor: RSIR                                     |
|       | Rated power - P2: 0.5 HP                                |
|       | Power (P2) required by pump: 0.5 HP                     |
|       | Main frequency: 60 Hz                                   |
|       | Rated voltage: 1 x 115 V                                |
|       | Service factor: 1.60                                    |
|       | Rated current: 12 A                                     |
|       | Starting current: 690 %                                 |
|       | Cos phi - power factor: 0.72                            |
|       | Rated speed: 3450 rpm                                   |
|       | Start. method: direct-on-line                           |
|       | Enclosure class (IEC 34-5): IP68                        |
|       | Insulation class (IEC 85): B                            |
|       | Built-in temperature transmitter: No                    |
|       | Motor Number: 79922102                                  |
|       | <b>Others:</b>  |
|       | ErP status: EuP Standalone/Prod.                        |
|       | Net weight: 21.6 lb                                     |
|       | Gross weight: 24 lb                                     |
|       | Shipping volume: 209 ft <sup>3</sup>                    |
|       | Country of origin: US                                   |
|       | Custom tariff no.: 8413.70.2004                         |



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### 10019205 16S05-5 60 Hz

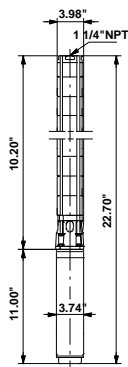
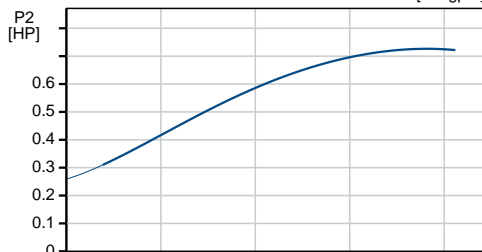
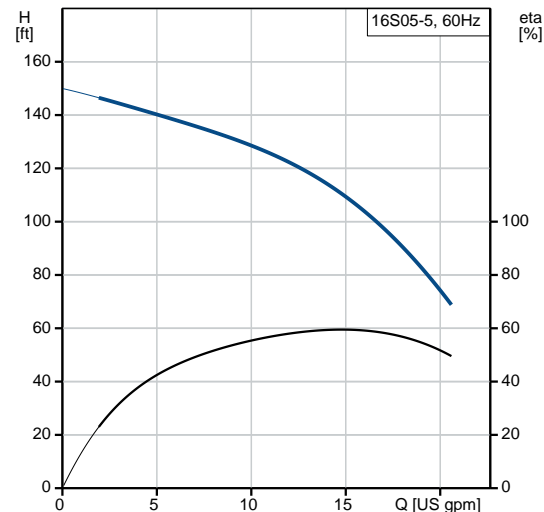




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| Description                             | Value  |
|---|--|
| <b>General information:</b>             |  |
| Product name:                           | 16S05-5  |
| Product No.:                            | 10019205   |
| EAN:                                    | 5700394419741                                    |
|   | 5700394419741                                    |
| <b>Technical:</b>                       |  |
| Pump speed on which pump data is based: | 3450 rpm   |
| Rated flow:                             | 17.6 US gpm                                      |
| Rated head:                             | 101.7 ft   |
| Stages:                                 | 5  |
| Impeller reduc.:                        | NONE   |
| Shaft seal for motor:                   | LIPSEAL  |
| Approvals on nameplate:                 | CE,EAC,CSACOMP, UR                               |
| Curve tolerance:                        | ISO9906:2012 3B                                  |
| Pump Number:                            | 10010005   |
| Model:                                  | A  |
| Valve:                                  | YES  |
| Motor version:                          | T40  |
| Specification for shaft end:            | SPLINE   |
| <b>Materials:</b>                       |  |
| Pump:                                   | Stainless steel<br>EN 1.4301<br>AISI 304         |
| Impeller:                               | Stainless steel<br>EN 1.4301<br>AISI 304         |
| Motor:                                  | Stainless steel<br>DIN W.-Nr. 1.4301<br>AISI 304 |
| <b>Installation:</b>                    |  |
| Maximum ambient pressure:               | 217.56 psi                                       |
| Pump outlet:                            | 1 1/4"NPT  |
| Motor diameter:                         | 4 inch   |
| <b>Liquid:</b>                          |  |
| Pumped liquid:                          | Water  |
| Maximum liquid temperature:             | 104 °F   |
| Max liquid temperature at 0.15 m/sec:   | 104 °F   |
| Selected liquid temperature:            | 68 °F  |
| Density:                                | 62.29 lb/ft³                                     |
| <b>Electrical data:</b>                 |  |
| Motor type:                             | MS402  |
| Type of motor:                          | RSIR   |
| Applic. motor:                          | GRUNDFOS   |
| Rated power - P2:                       | 0.5 HP   |
| Power (P2) required by pump:            | 0.5 HP   |
| KVA code:                               | R </td   |





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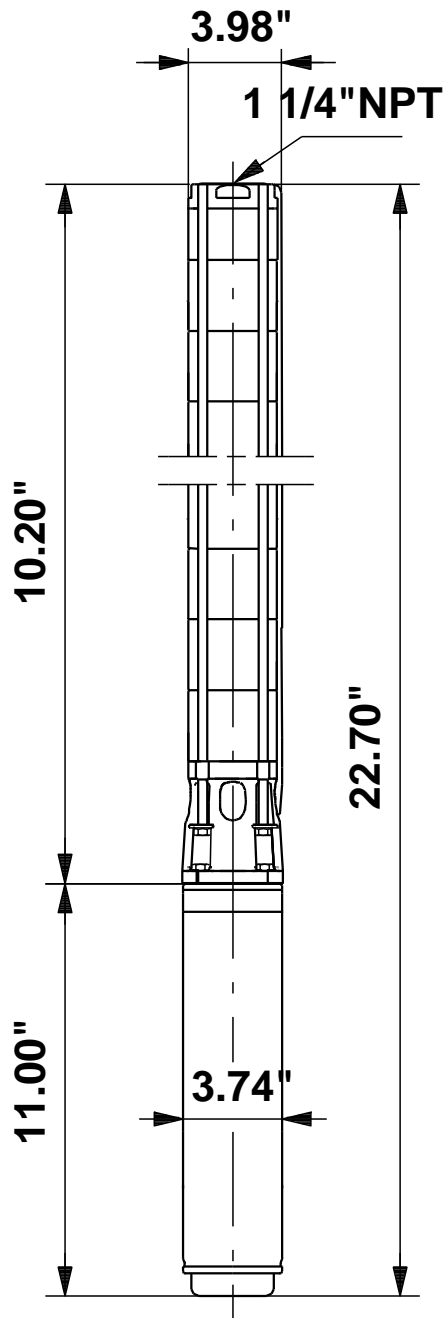
| Description                       | Value                |
|-----------------------------------|----------------------|
| Main frequency:                   | 60 Hz                |
| Rated voltage:                    | 1 x 115 V            |
| Service factor:                   | 1.60                 |
| Rated current:                    | 12 A                 |
| Starting current:                 | 690 %                |
| Cos phi - power factor:           | 0.72                 |
| Rated speed:                      | 3450 rpm             |
| Axial load max:                   | 772 lb               |
| Start. method:                    | direct-on-line       |
| Enclosure class (IEC 34-5):       | IP68                 |
| Insulation class (IEC 85):        | B                    |
| Motor protection:                 | CONTACT              |
| Thermal protec:                   | internal             |
| Built-in temperature transmitter: | No                   |
| Motor Number:                     | 79922102             |
| <b>Others:</b>                    |                      |
| ErP status:                       | EuP Standalone/Prod. |
| Net weight:                       | 21.6 lb              |
| Gross weight:                     | 24 lb                |
| Shipping volume:                  | 209 ft <sup>3</sup>  |
| Sales region:                     | Namreg               |
| Country of origin:                | US                   |
| Custom tariff no.:                | 8413.70.2004         |



Company name:  
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Date: 7/8/2020

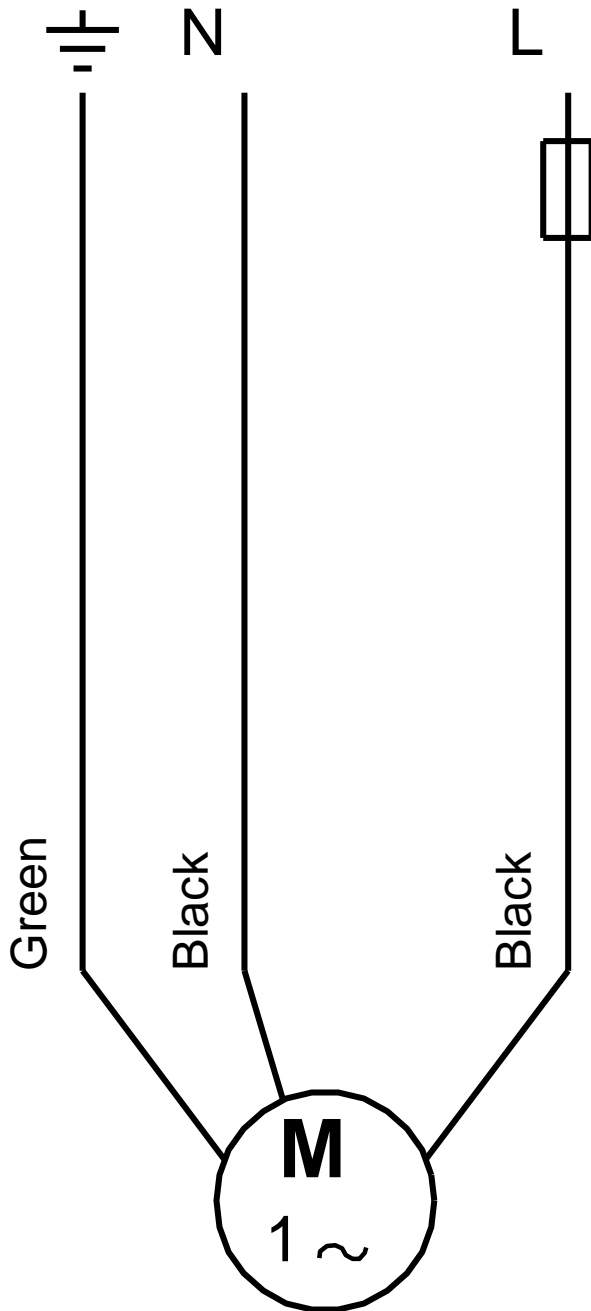
**10019205 16S05-5 60 Hz**



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



10019205 16S05-5 60 Hz



All units are [in] unless otherwise presented.