

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

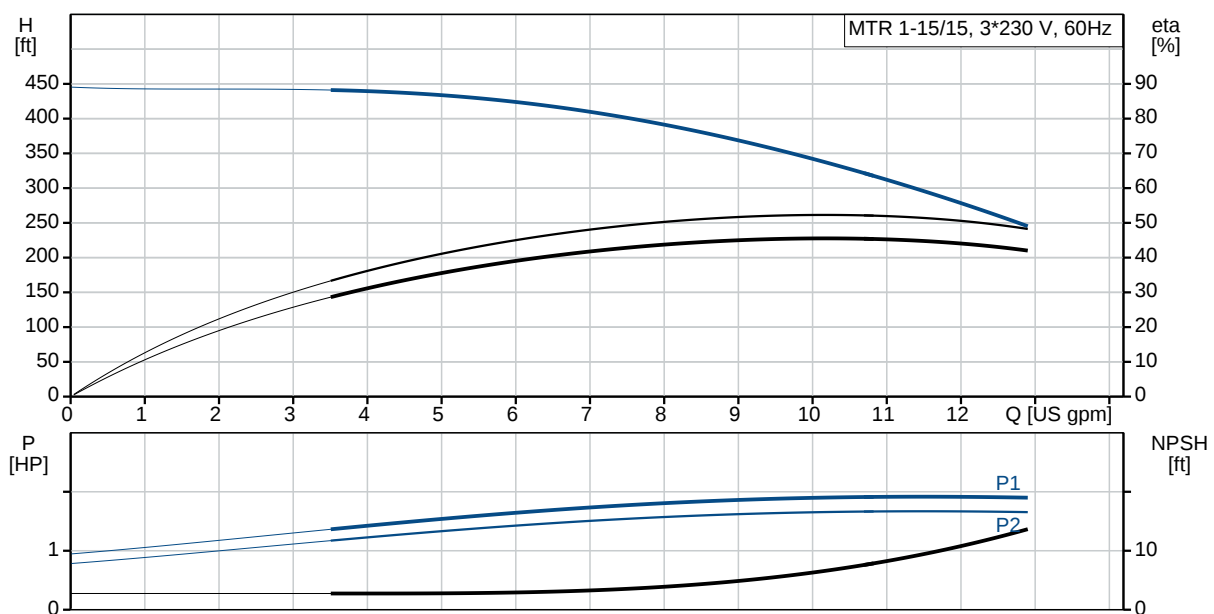
### MTR 1-15/15 A-WB-A-HUUV

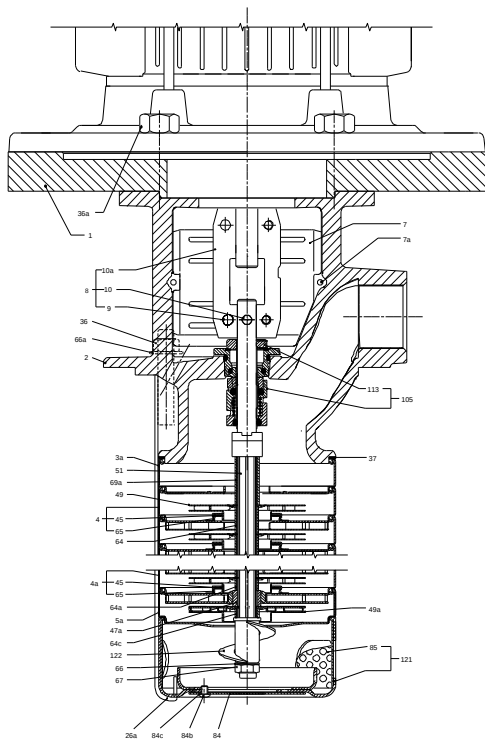
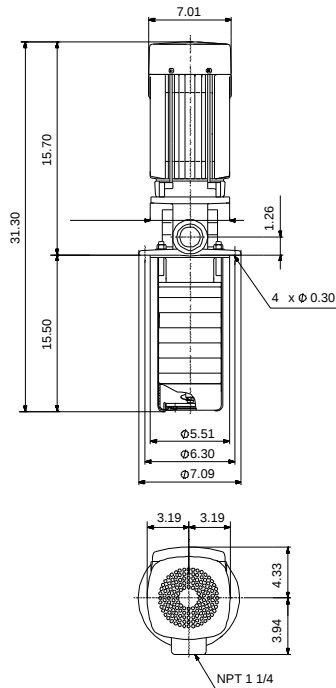
Coolant and condensate pumps



Product photo could vary from the actual product

| Conditions of Service   | Pump Data                                            | Motor Data                       |
|-------------------------|------------------------------------------------------|----------------------------------|
| Flow: _____             | Max pressure at stated temperature: 363 psi / 194 °F | Rated power - P2: 2 HP           |
| Head: _____             | Liquid temperature range: 14 .. 194 °F               | Rated voltage: 208-230YY/460Y V  |
| Efficiency: _____       | Maximum ambient temperature: 140 °F                  | Main frequency: 60 Hz            |
| Liquid: Water           | Shaft seal: HUUV                                     | Enclosure class: 55 Dust/Jetting |
| Temperature: 68 °F      | Product number: 96515390                             | Insulation class: F              |
| NPSH required: ft       |                                                      | Motor protection: NONE           |
| Viscosity: _____        |                                                      | Motor type: 90GB                 |
| Specific Gravity: 1.000 |                                                      | Motor_efficiency: 85.5 %         |





**Materials:**

Impeller: Stainless steel  
 AISI 304  
 EN 1.4301  
 Material code: A

| Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | <p><b>MTR 1-15/15 A-WB-A-HUUV</b></p>  <p>Product No.: <a href="#">96515390</a></p> <p>Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul style="list-style-type: none"> <li>• Dimensions according to DIN 5440.</li> <li>• Impellers, intermediate chambers and spline shaft are made of Stainless steel.</li> <li>• Mechanical shaft seal according to EN 12756.</li> <li>• Power transmission via sintered metal split coupling.</li> </ul> <p>A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Immersion depth: 15.5 in</p> <p><b>Controls:</b><br/>Frequency converter: NONE</p> <p><b>Liquid:</b><br/>Pumped liquid: Water<br/>Liquid temperature range: 14 .. 194 °F<br/>Selected liquid temperature: 68 °F<br/>Density: 62.29 lb/ft<sup>3</sup></p> <p><b>Technical:</b><br/>Rated pump speed: 3452 rpm<br/>Rated flow: 9.69 US gpm<br/>Rated head: 337.6 ft<br/>Chambers: 15<br/>Drainage back to tank: N<br/>Pump orientation: Vertical<br/>Code for shaft seal: HUUV<br/>Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b><br/>Pump head: Cast iron<br/>EN 1561 EN-GJL-200<br/>ASTM A48-25B</p> |



Company name:

Created by:

Phone:

Date:

8/25/2020

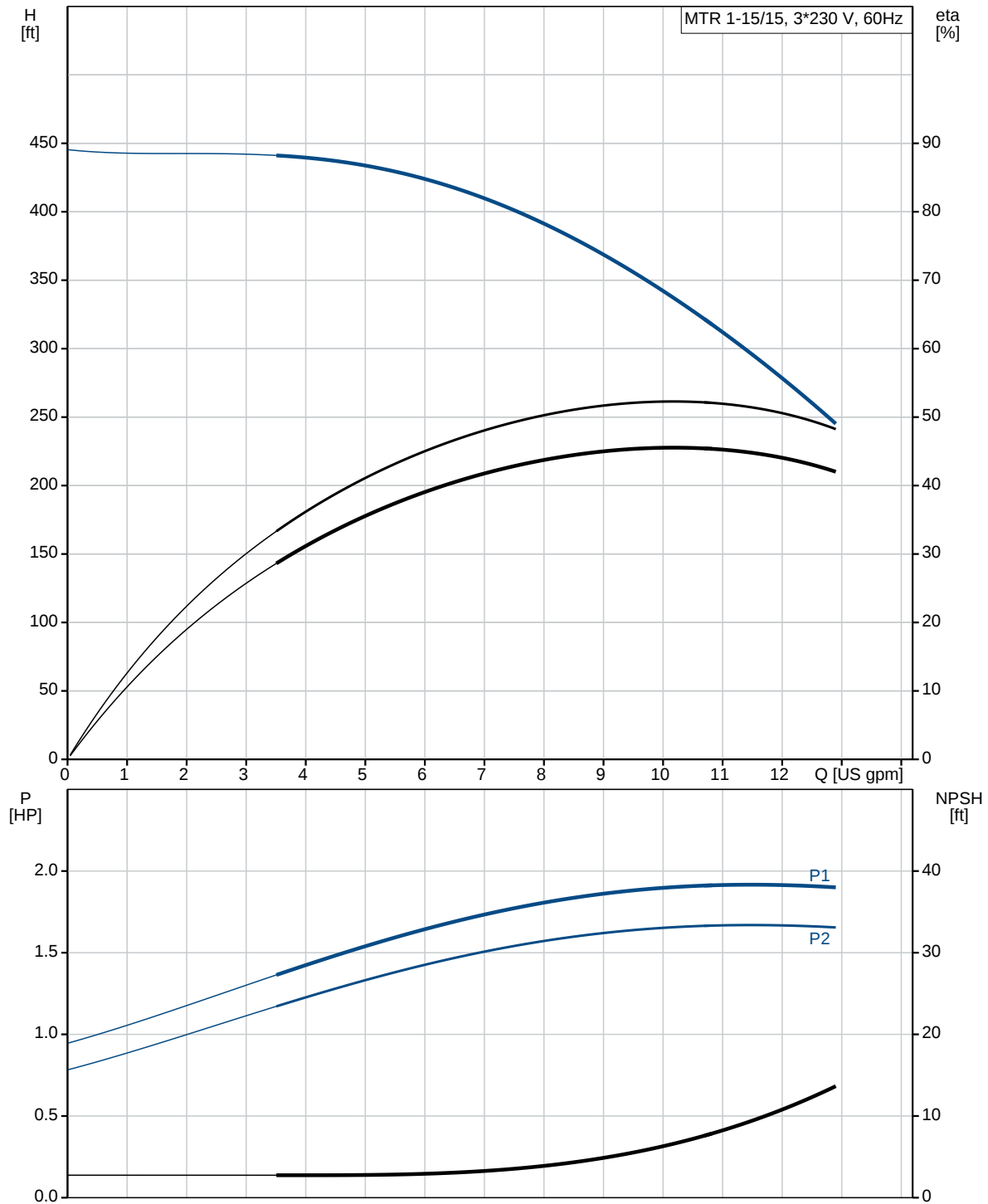
| Count | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <p>Impeller: Stainless steel<br/>EN 1.4301<br/>AISI 304</p> <p><b>Installation:</b><br/>Maximum ambient temperature: 140 °F<br/>Maximum operating pressure: 362.59 psi<br/>Max pressure at stated temperature: 363 psi / 194 °F<br/>Type of connection: NPT(F)<br/>Size of outlet port: 1 1/4 inch<br/>Immersion depth: 15.5 in<br/>Flange size for motor: 56C</p> <p><b>Electrical data:</b><br/>Motor standard: NEMA<br/>Motor type: 90GB<br/>IE Efficiency class: NEMA Premium / IE3 60Hz<br/>Rated power - P2: 2 HP<br/>Main frequency: 60 Hz<br/>Suitable for 50/60 Hz: N<br/>Rated voltage: 3 x 208-230YY/460Y V<br/>Service factor: 1.15<br/>Rated current: 6,00-5,80/2,90 A<br/>Starting current: 800-910 %<br/>Cos phi - power factor: 0.81-0.78<br/>Rated speed: 3500-3520 rpm<br/>IE efficiency: IE3 85,5%<br/>Motor efficiency at full load: 85.5 %<br/>Motor efficiency at 3/4 load: 86.2 %<br/>Motor efficiency at 1/2 load: 84.9 %<br/>Number of poles: 2<br/>Enclosure class (IEC 34-5): 55 Dust/Jetting<br/>Insulation class (IEC 85): F<br/>Motor Number: 99540185</p> <p><b>Others:</b><br/>Terminal box position: 6<br/>Minimum efficiency index, MEI <math>\eta_{\%}</math>: 0.70<br/>Net weight: 55.3 lb<br/>Gross weight: 62.3 lb<br/>Shipping volume: 4.94 ft<sup>3</sup><br/>Country of origin: GB<br/>Custom tariff no.: 8413.70.2040</p> |



Company name:  
Created by:  
Phone:

Date: 8/25/2020

## 96515390 MTR 1-15/15 A-WB-A-HUUV 60 Hz





Company name:

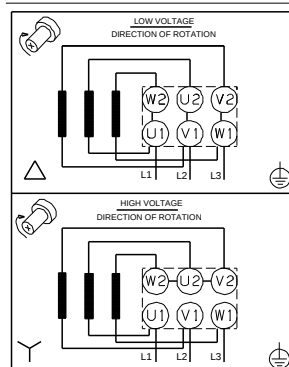
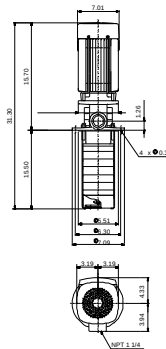
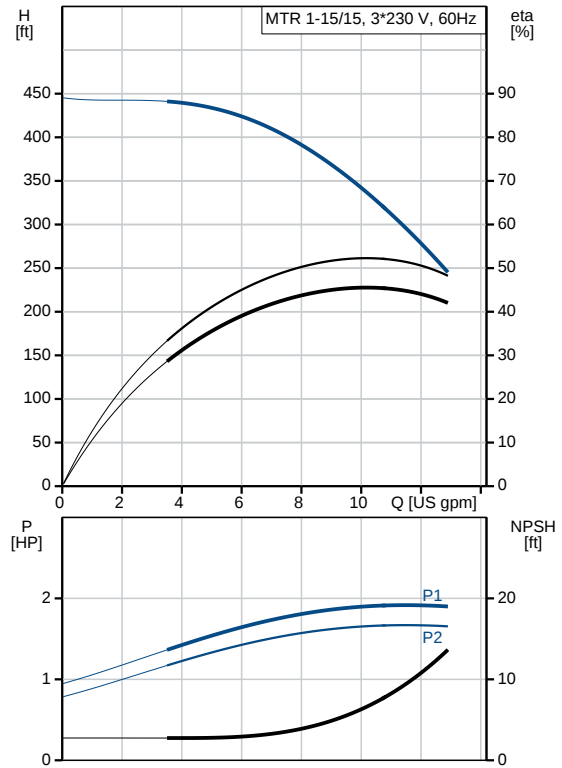
Created by:

Phone:

Date:

8/25/2020

| Description                           | Value                      |
|---------------------------------------|----------------------------|
| <b>General information:</b>           |                            |
| Product name:                         | MTR 1-15/15<br>A-WB-A-HUUV |
| Product No.:                          | 96515390                   |
| EAN:                                  | 5700396721316              |
|                                       | 5700396721316              |
| <b>Technical:</b>                     |                            |
| Rated pump speed:                     | 3452 rpm                   |
| Rated flow:                           | 9.69 US gpm                |
| Rated head:                           | 337.6 ft                   |
| Chambers:                             | 15                         |
| Impellers:                            | 15                         |
| Number of reduced-diameter impellers: | 0                          |
| Drainage back to tank:                | N                          |
| Pump orientation:                     | Vertical                   |
| Code for shaft seal:                  | HUUV                       |
| Curve tolerance:                      | ISO9906:2012 3B            |
| Pump version:                         | A                          |
| Model:                                | A                          |
| <b>Materials:</b>                     |                            |
| Pump head:                            | Cast iron                  |
|                                       | EN 1561 EN-GJL-200         |
|                                       | ASTM A48-25B               |
| Impeller:                             | Stainless steel            |
|                                       | EN 1.4301                  |
|                                       | AISI 304                   |
| Material code:                        | A                          |
| <b>Installation:</b>                  |                            |
| Maximum ambient temperature:          | 140 °F                     |
| Maximum operating pressure:           | 362.59 psi                 |
| Max pressure at stated temperature:   | 363 psi / 194 °F           |
| Type of connection:                   | NPT(F)                     |
| Size of outlet port:                  | 1 1/4 inch                 |
| Immersion depth:                      | 15.5 in                    |
| Flange size for motor:                | 56C                        |
| Connect code:                         | WB                         |
| <b>Liquid:</b>                        |                            |
| Pumped liquid:                        | Water                      |
| Liquid temperature range:             | 14 .. 194 °F               |
| Selected liquid temperature:          | 68 °F                      |
| Density:                              | 62.29 lb/ft³               |
| <b>Electrical data:</b>               |                            |
| Motor standard:                       | NEMA                       |
| Motor type:                           | 90GB                       |
| IE Efficiency class:                  | NEMA Premium / IE3<br>60Hz |
| Rated power - P2:                     | 2 HP                       |





Company name:

Created by:

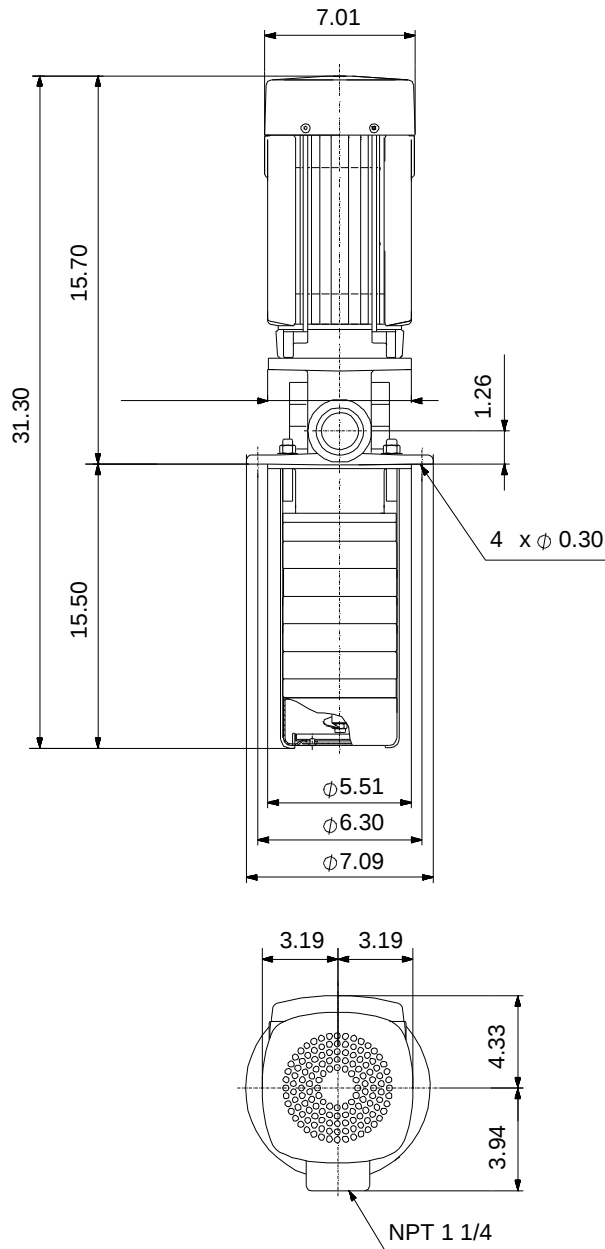
Phone:

Date:

8/25/2020

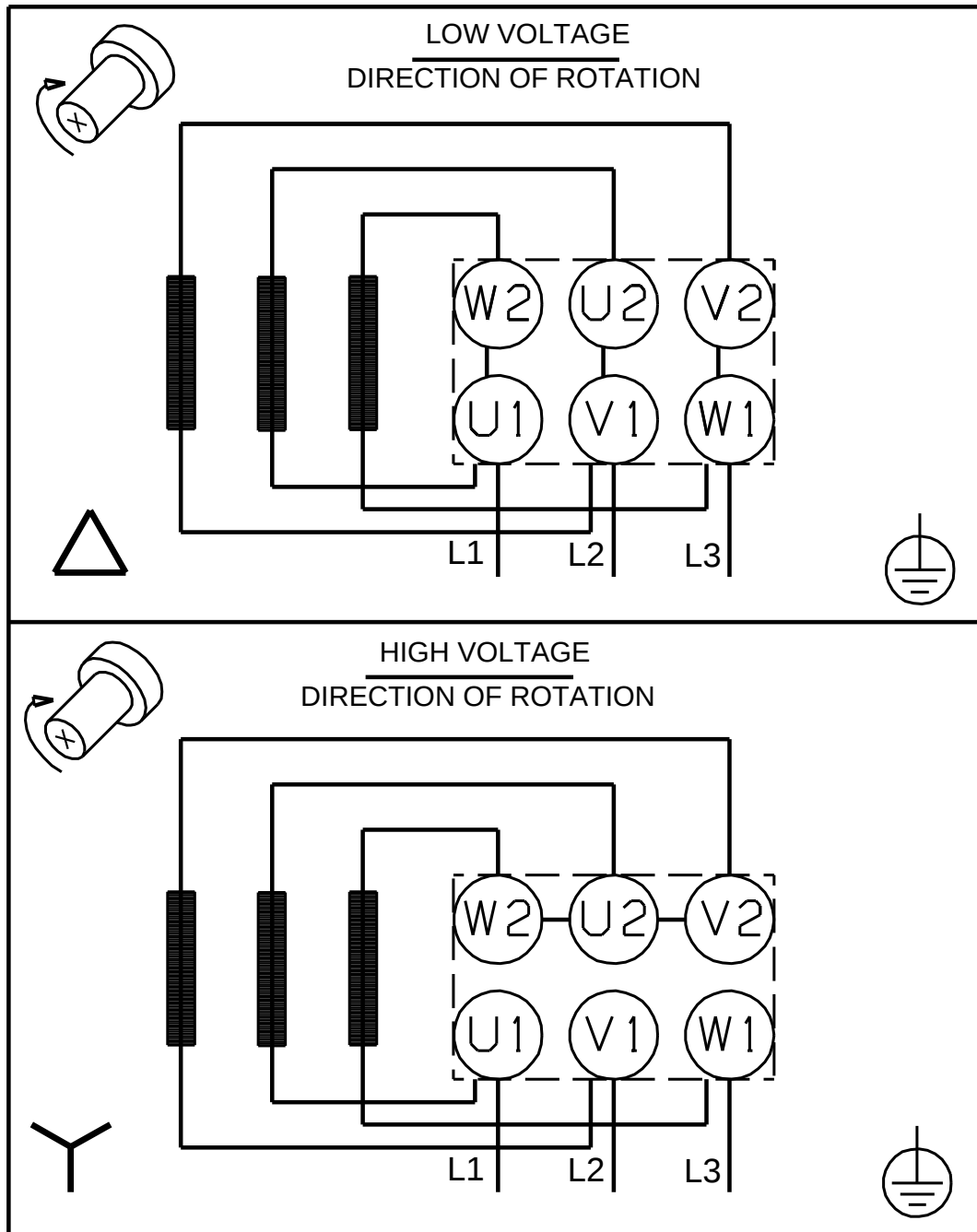
| Description                            | Value                |
|----------------------------------------|----------------------|
| Main frequency:                        | 60 Hz                |
| Suitable for 50/60 Hz:                 | N                    |
| Rated voltage:                         | 3 x 208-230YY/460Y V |
| Service factor:                        | 1.15                 |
| Rated current:                         | 6,00-5,80/2,90 A     |
| Starting current:                      | 800-910 %            |
| Cos phi - power factor:                | 0.81-0.78            |
| Rated speed:                           | 3500-3520 rpm        |
| IE efficiency:                         | IE3 85,5%            |
| Motor efficiency at full load:         | 85.5 %               |
| Motor efficiency at 3/4 load:          | 86.2 %               |
| Motor efficiency at 1/2 load:          | 84.9 %               |
| Number of poles:                       | 2                    |
| Enclosure class (IEC 34-5):            | 55 Dust/Jetting      |
| Insulation class (IEC 85):             | F                    |
| Motor protection:                      | NONE                 |
| Motor Number:                          | 99540185             |
| <b>Controls:</b>                       |                      |
| Frequency converter:                   | NONE                 |
| <b>Others:</b>                         |                      |
| Terminal box position:                 | 6                    |
| Minimum efficiency index, MEI<br>â‰¥%: | 0.70                 |
| Net weight:                            | 55.3 lb              |
| Gross weight:                          | 62.3 lb              |
| Shipping volume:                       | 4.94 ft³             |
| Sales region:                          | Namreg               |
| Country of origin:                     | GB                   |
| Custom tariff no.:                     | 8413.70.2040         |

## 96515390 MTR 1-15/15 A-WB-A-HUUV 60 Hz



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

**96515390 MTR 1-15/15 A-WB-A-HUUV 60 Hz**



All units are [in] unless otherwise presented.