

Qty. Description

1 MTR 1S-13/13 A-W-A-HUUV



Product No.: [96514854](#)

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:

- Installation length according to DIN 5440.
- Impellers, intermediate chambers and spline shaft are made of Stainless steel.
- Mechanical shaft seal according to EN 12756.
- Power transmission via cast-iron split coupling.

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.

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
 Liquid temperature range: -10 .. 90 °C
 Selected liquid temperature: 20 °C
 Density at selected liquid temperature: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2873 rpm
 Rated flow: 0.9 m³/h
 Rated head: 52.4 m
 Chambers: 13
 Drainage back to tank: N
 Pump orientation: Vertical
 Code for shaft seal: HUUV
 Curve tolerance: ISO9906:2012 3B

Materials:

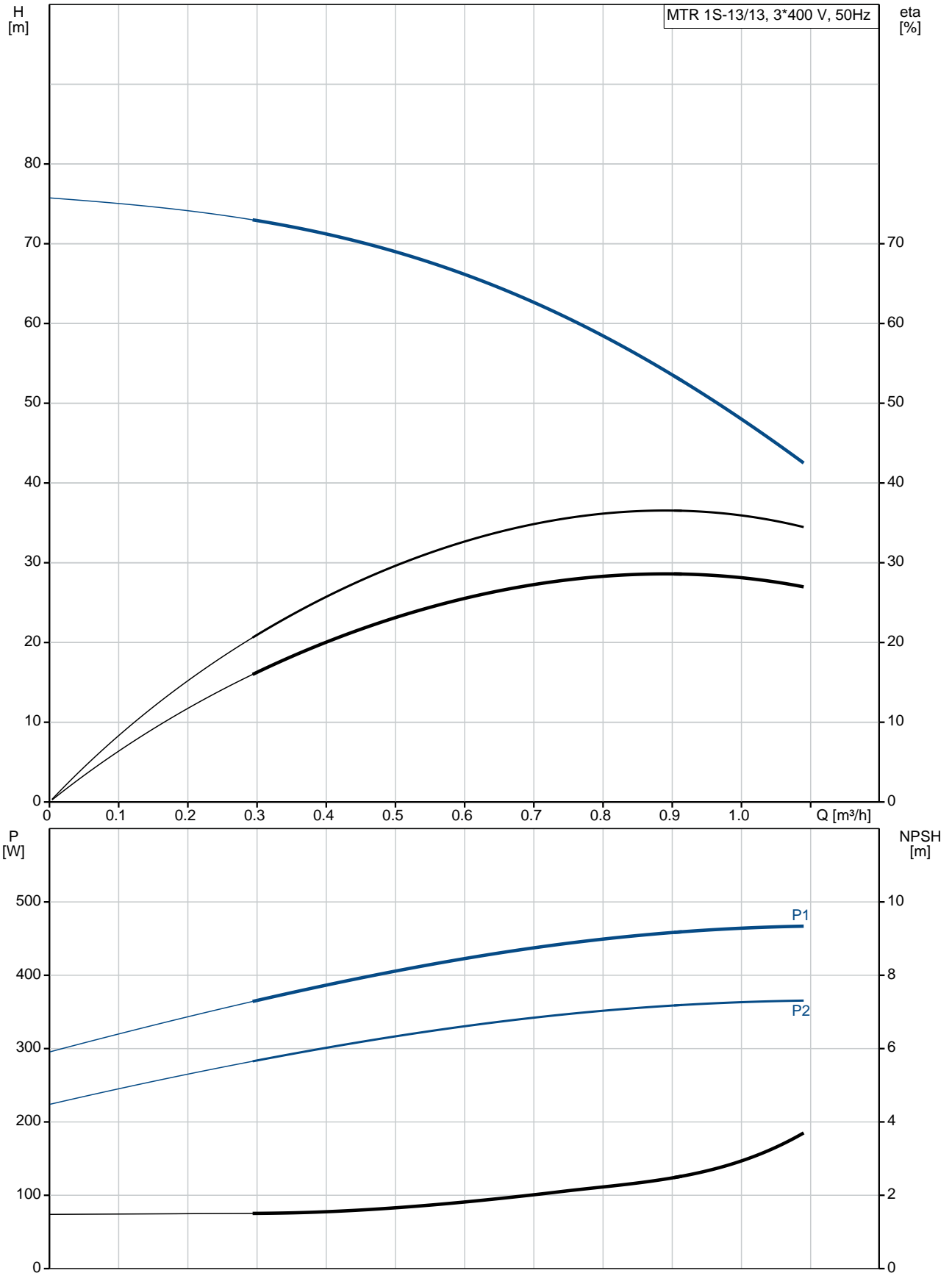
Pump head: Cast iron
 EN 1561 EN-GJL-200
 ASTM A48-25B
 Impeller: Stainless steel
 EN 1.4301
 AISI 304

Installation:

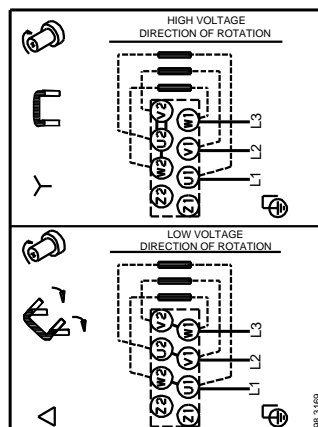
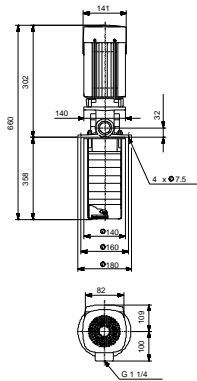
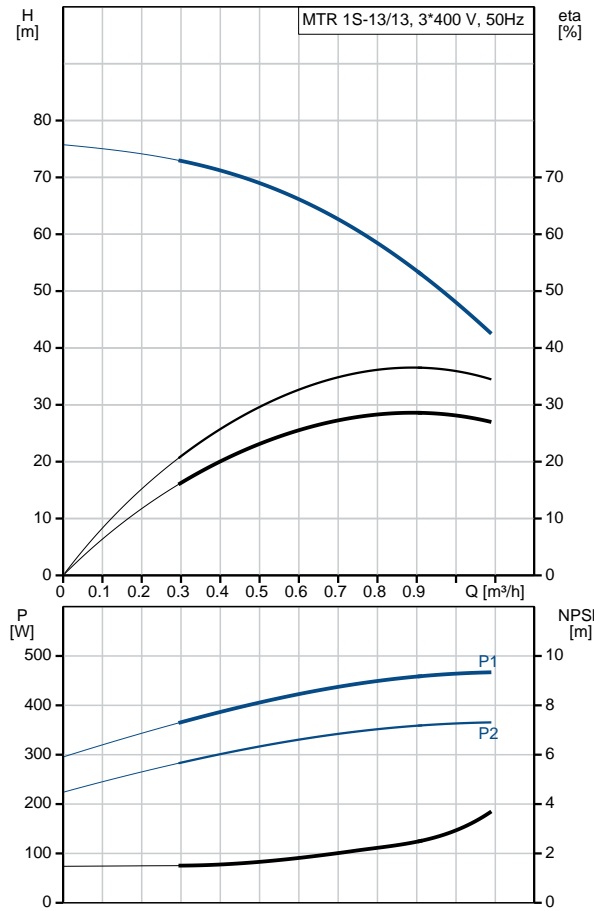
Maximum ambient temperature: 40 °C
 Maximum operating pressure: 25 bar
 Max pressure at stated temp: 25 bar / 90 °C
 Type of connection: G
 Size of outlet connection: 1 1/4 inch

| Qty. | Description |
|------|---|
| | Immersion depth: 358 mm Flange size for motor: FT85 Electrical data: Motor standard: IEC Motor type: 71A IE Efficiency class: IE3 Rated power - P2: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1.74/1.00 A Starting current: 490-530 % Cos phi - power factor: 0.80-0.70 Rated speed: 2850-2880 rpm Efficiency: IE3 73,8% Motor efficiency at full load: 73.8 % Motor efficiency at 3/4 load: 79.0 % Motor efficiency at 1/2 load: 75.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85805102 Others: Terminal box position: 6 Minimum efficiency index, MEI : 0.67 Net weight: 13.2 kg Gross weight: 16.6 kg Shipping volume: 0.06 m ³ Country of origin: HU Custom tariff no.: 84137075 |

96514854 MTR 1S-13/13 A-W-A-HUUV 50 Hz



| Description | Value |
|--|---|
| General information: | |
| Product name: | MTR 1S-13/13 A-W-A-HUUV |
| Product No: | 96514854 |
| EAN number: | 5700396714608 5700396714608 |
| Price: | 963,00 GBP |
| Technical: | |
| Pump speed on which pump data are based: | 2873 rpm |
| Rated flow: | 0.9 m³/h |
| Rated head: | 52.4 m |
| Chambers: | 13 |
| Impellers: | 13 |
| 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 |
| Materials: | |
| Pump head: | Cast iron EN 1561 EN-GJL-200 ASTM A48-25B |
| Impeller: | Stainless steel EN 1.4301 AISI 304 |
| Material code: | A |
| Installation: | |
| Maximum ambient temperature: | 40 °C |
| Maximum operating pressure: | 25 bar |
| Max pressure at stated temp: | 25 bar / 90 °C |
| Type of connection: | G |
| Size of outlet connection: | 1 1/4 inch |
| Immersion depth: | 358 mm |
| Flange size for motor: | FT85 |
| Connect code: | W |
| Liquid: | |
| Pumped liquid: | Water |
| Liquid temperature range: | -10 .. 90 °C |
| Selected liquid temperature: | 20 °C |
| Density at selected liquid temperature: | 998.2 kg/m³ |
| Electrical data: | |
| Motor standard: | IEC |
| Motor type: | 71A |
| IE Efficiency class: | IE3 |
| Rated power - P2: | 0.37 kW |
| Mains frequency: | 50 Hz |
| Rated voltage: | 3 x 220-240D/380-415V V |
| Rated current: | 1.74/1.00 A |
| Starting current: | 490-530 % |
| Cos phi - power factor: | 0.80-0.70 |
| Rated speed: | 2850-2880 rpm |
| Efficiency: | IE3 73,8% |
| Motor efficiency at full load: | 73.8 % |
| Motor efficiency at 3/4 load: | 79.0 % |
| Motor efficiency at 1/2 load: | 75.5 % |





Company name:

Created by:

Phone:

Date:

15/10/2019

| Description | Value |
|---------------------------------|---------------------|
| Number of poles: | 2 |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting |
| Insulation class (IEC 85): | F |
| Motor protec: | NONE |
| Motor No: | 85805102 |
| Controls: | |
| Frequency converter: | NONE |
| Others: | |
| Terminal box position: | 6 |
| Minimum efficiency index, MEI : | 0.67 |
| Net weight: | 13.2 kg |
| Gross weight: | 16.6 kg |
| Shipping volume: | 0.06 m ³ |
| Country of origin: | HU |
| Custom tariff no.: | 84137075 |

96514854 MTR 1S-13/13 A-W-A-HUUV 50 Hz

