

Qty. Description

1 MTR 1S-4/4 A-W-A-HUUV



Product No.: [96514844](#)

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: 16.9 m
 Chambers: 4
 Drainage back to tank: N
 Pump orientation: Vertical
 Code for shaft seal: HUUV
 Curve tolerance: ISO9906:2012 3B

Materials:

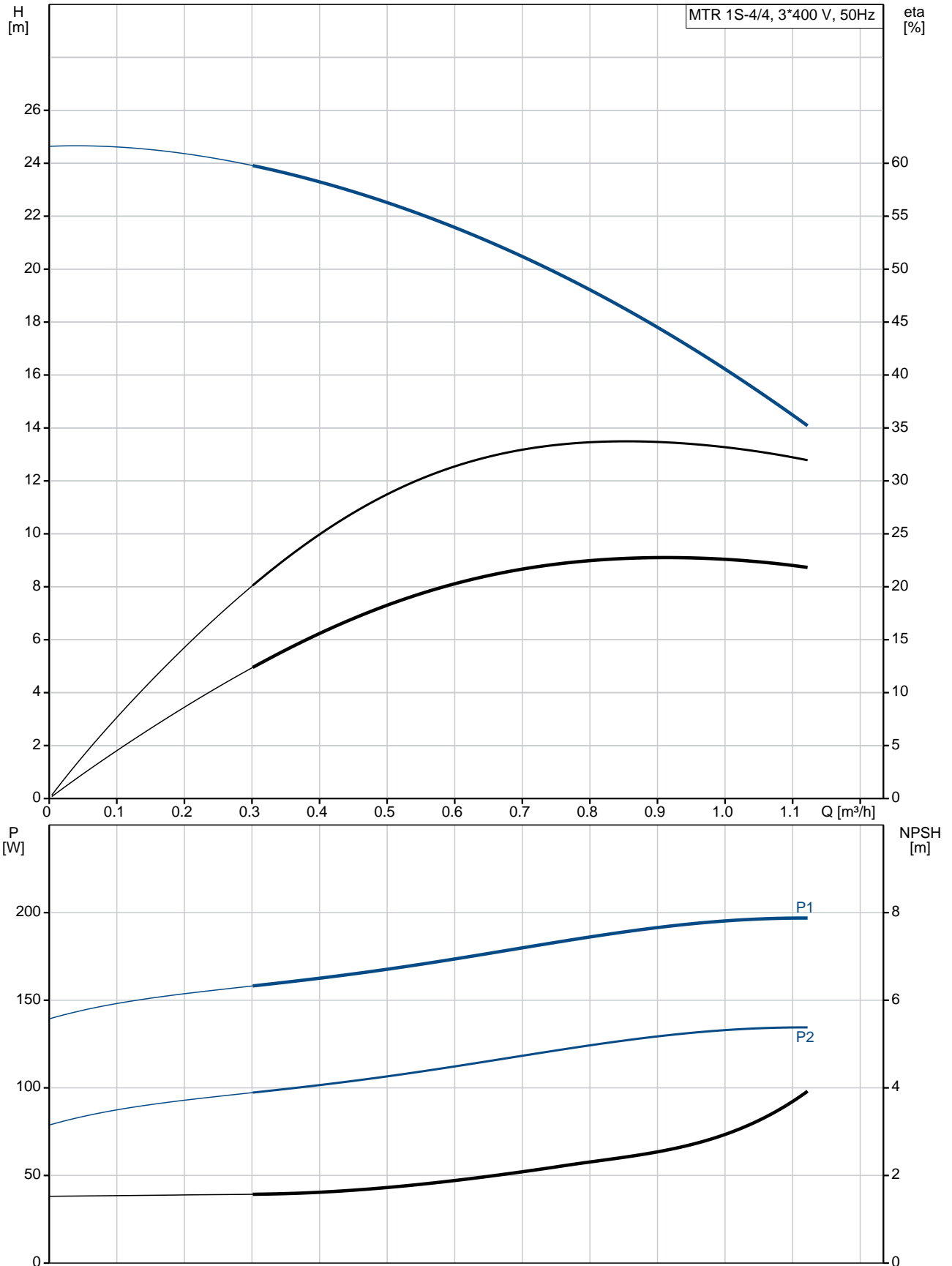
Pump head: Cast iron
 EN 1561 EN-GJL-200
 ASTM A48-25B
 Impeller: Stainless steel
 EN 1.4301
 AISI 304

Installation:

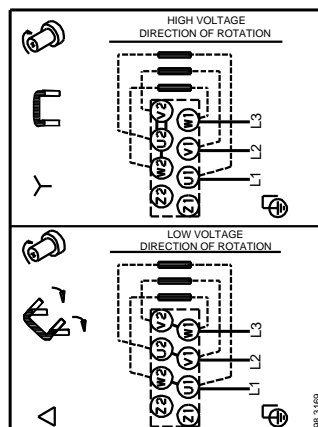
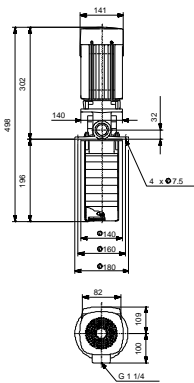
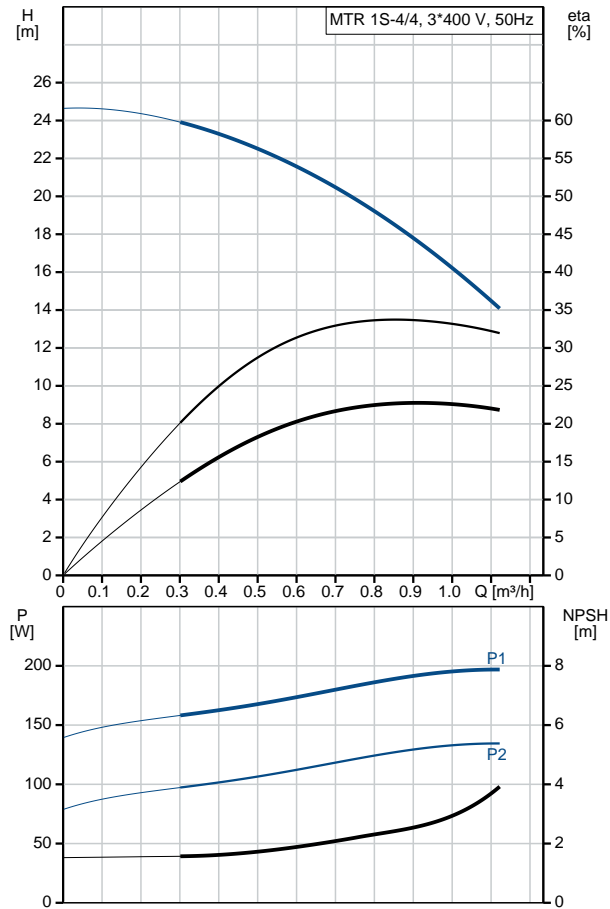
Maximum ambient temperature: 40 °C
 Maximum operating pressure: 25 bar
 Max pressure at stated temp: 25 bar / 90 °C
 Type of connection: G
 Size of outlet connection: 1 1/4 inch

Qty.	Description
	Immersion depth: 196 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 kg
	Gross weight: 16.1 kg
	Shipping volume: 0.04 m ³
	Country of origin: HU
	Custom tariff no.: 84137075

96514844 MTR 1S-4/4 A-W-A-HUUV 50 Hz



Description	Value
General information:	
Product name:	MTR 1S-4/4 A-W-A-HUUU
Product No:	96514844
EAN number:	5700396714486 5700396714486
Price:	856,00 GBP
Technical:	
Pump speed on which pump data are based:	2873 rpm
Rated flow:	0.9 m³/h
Rated head:	16.9 m
Chambers:	4
Impellers:	4
Number of reduced-diameter impellers:	0
Drainage back to tank:	N
Pump orientation:	Vertical
Code for shaft seal:	HUUU
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:	196 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/380-415Y 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 %





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 kg
Gross weight:	16.1 kg
Shipping volume:	0.04 m ³
Country of origin:	HU
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