

**Qty. Description**

1 MTR 64-7/7-1 A-F-A-HUUV



Note! Product picture may differ from actual product

Product No.: [98513753](#)

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.

**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/m<sup>3</sup>

**Technical:**

Pump speed on which pump data are based: 2957 rpm  
Rated flow: 64 m<sup>3</sup>/h  
Rated head: 154.7 m  
Chambers: 7  
Drainage back to tank: N  
Pump orientation: Vertical  
Code for shaft seal: HUUV  
Curve tolerance: ISO9906:2012 3B

**Materials:**

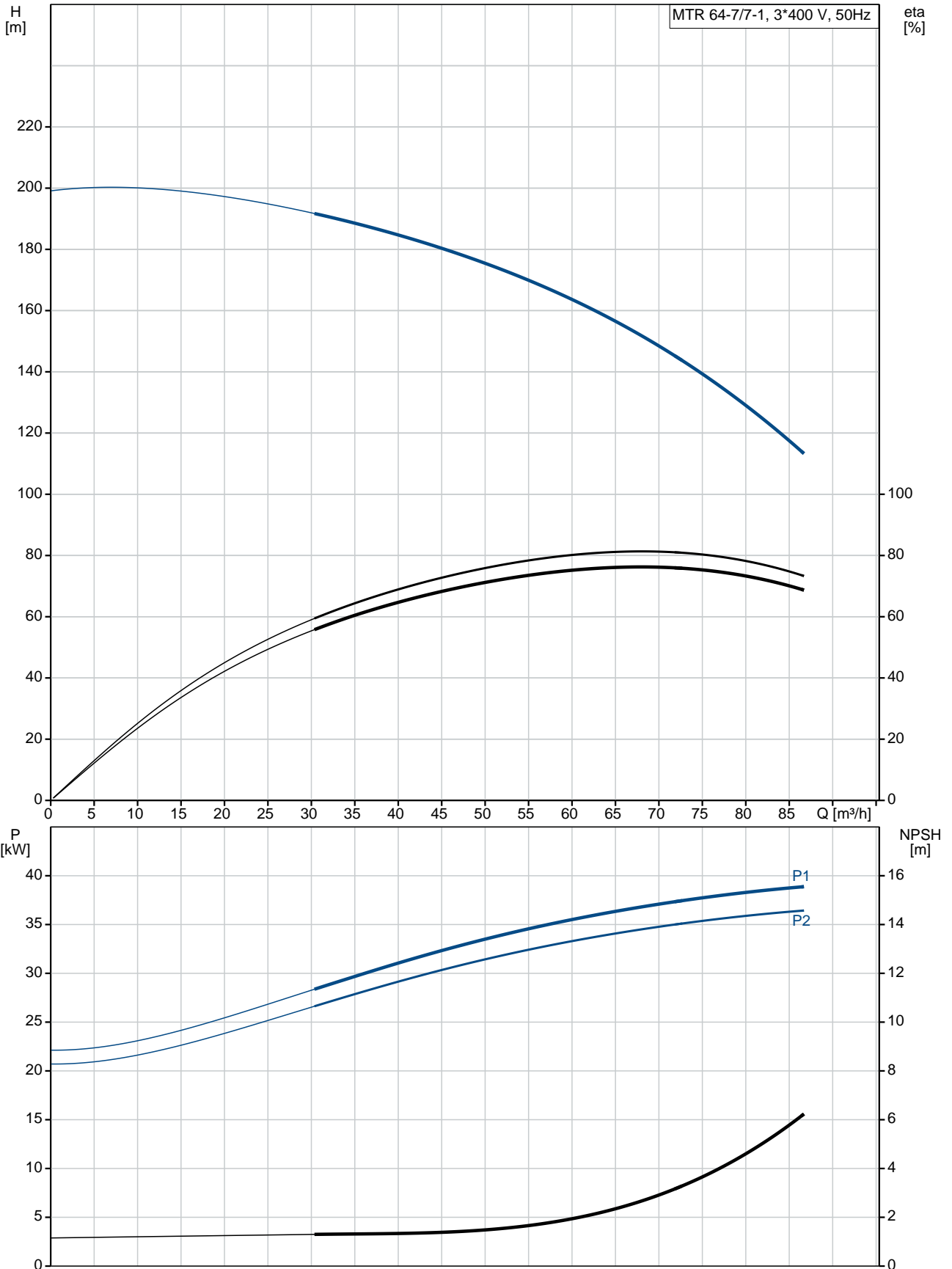
Pump head: Cast iron  
EN 1561 EN-GJL-200  
ASTM A48-25B  
Impeller: Stainless steel  
EN 1.4301  
AISI 304

**Installation:**

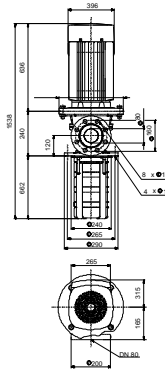
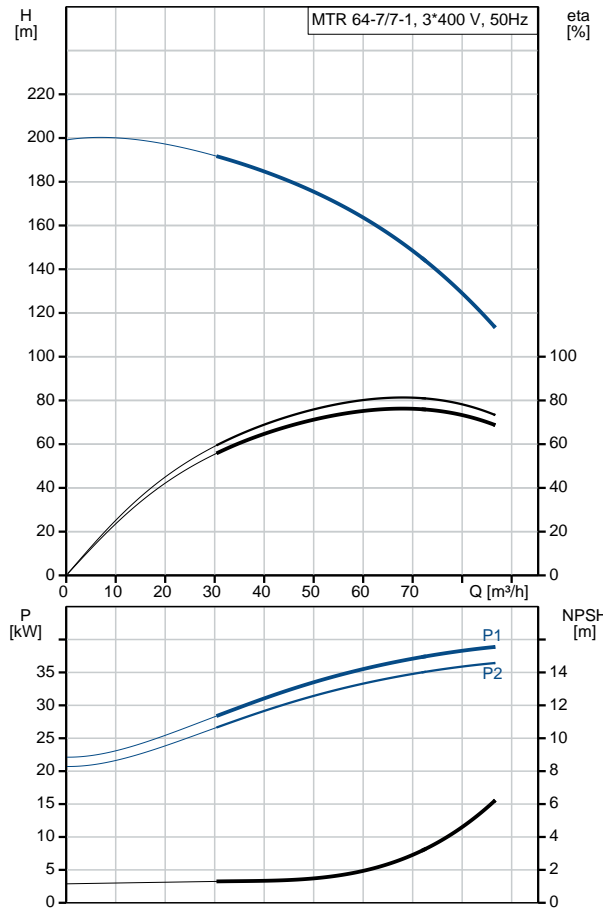
Maximum ambient temperature: 55 °C  
Maximum operating pressure: 25 bar

Qty.	Description
	<p>Max pressure at stated temp: 25 bar / 90 °C            Type of connection: DIN            Size of outlet connection: DN 80            Immersion depth: 662 mm            Pressure rating for pipe connection: PN 40            Flange size for motor: FF350</p> <p><b>Electrical data:</b>            Motor standard: IEC            Motor type: SIEMENS            IE Efficiency class: IE3            Rated power - P2: 37 kW            Mains frequency: 50 Hz            Rated voltage: 3 x 380-420D/660-725Y V            Rated current: 68,0-63,0/39,0-36,0 A            Starting current: 670-670 %            Cos phi - power factor: 0.88            Rated speed: 2955 rpm            Efficiency: IE3 93,7%            Motor efficiency at full load: 93.7-93.7 %            Motor efficiency at 3/4 load: 93.9-93.9 %            Motor efficiency at 1/2 load: 93.5-93.5 %            Number of poles: 2            Enclosure class (IEC 34-5): 55 Dust/Jetting            Insulation class (IEC 85): F            Motor No: 81U15334</p> <p><b>Others:</b>            Terminal box position: 6            Minimum efficiency index, MEI : 0.70            Net weight: 309 kg            Gross weight: 366 kg            Shipping volume: 0.81 m<sup>3</sup>            Country of origin: HU            Custom tariff no.: 84137075</p>

## 98513753 MTR 64-7/7-1 A-F-A-HUUV 50 Hz



Description	Value
<b>General information:</b>	
Product name:	MTR 64-7/7-1 A-F-A-HUUV
Product No:	98513753
EAN number:	5711496394867 5711496394867
<b>Technical:</b>	
Pump speed on which pump data are based:	2957 rpm
Rated flow:	64 m <sup>3</sup> /h
Rated head:	154.7 m
Chambers:	7
Impellers:	7
Number of reduced-diameter impellers:	1
Drainage back to tank:	N
Pump orientation:	Vertical
Code for shaft seal:	HUUV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
<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:	55 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Type of connection:	DIN
Size of outlet connection:	DN 80
Immersion depth:	662 mm
Pressure rating for pipe connection:	PN 40
Flange size for motor:	FF350
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	68,0-63,0/39,0-36,0 A
Starting current:	670-670 %
Cos phi - power factor:	0.88
Rated speed:	2955 rpm
Efficiency:	IE3 93,7%
Motor efficiency at full load:	93.7-93.7 %
Motor efficiency at 3/4 load:	93.9-93.9 %
Motor efficiency at 1/2 load:	93.5-93.5 %





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:	PTC
Motor No:	81U15334
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI :	0.70
Net weight:	309 kg
Gross weight:	366 kg
Shipping volume:	0.81 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137075