
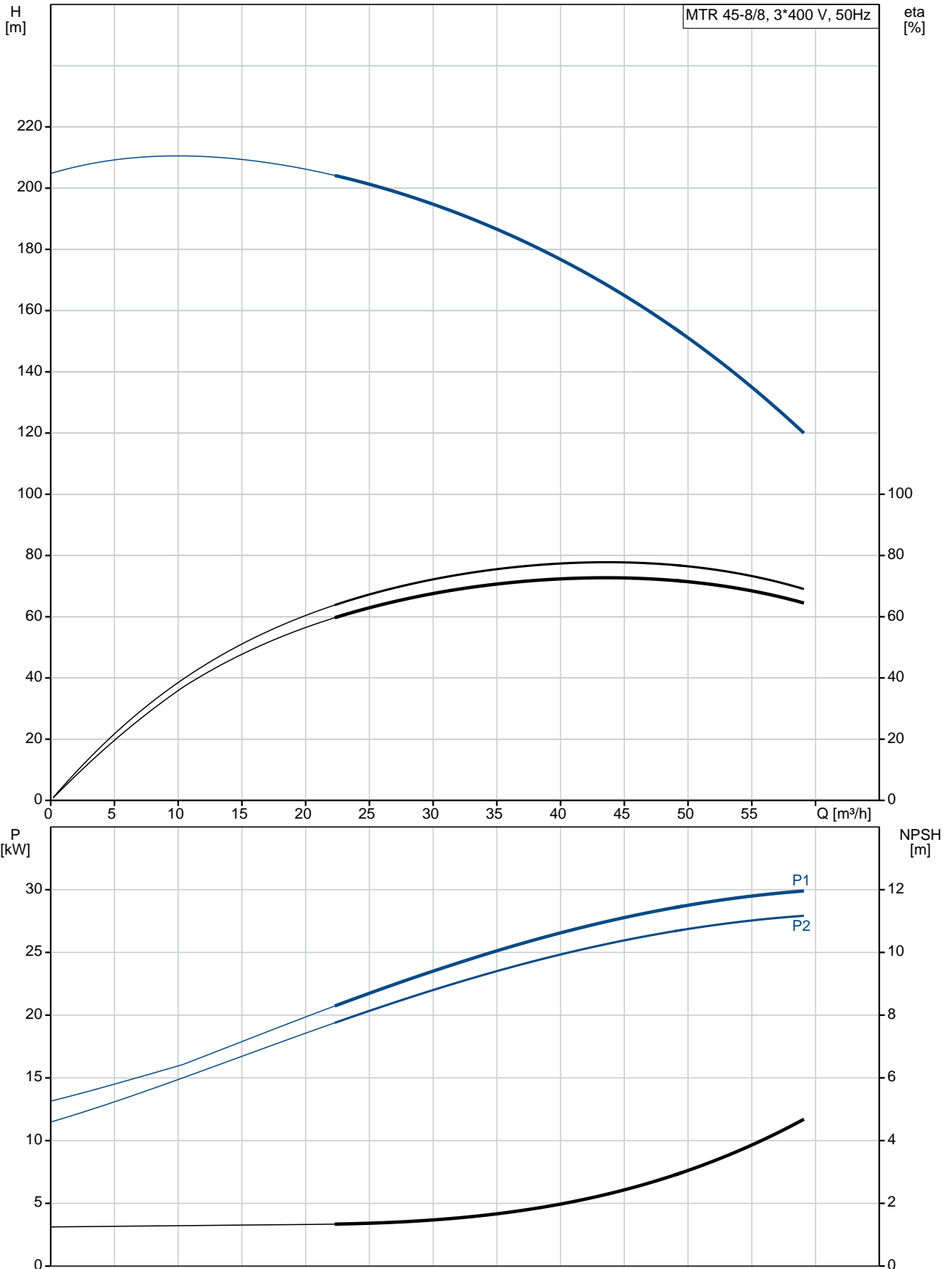


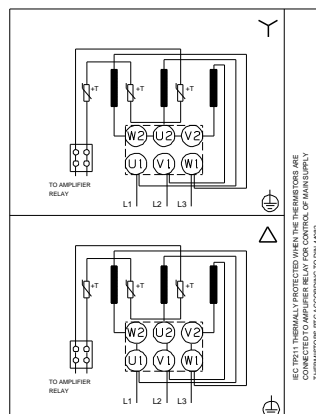
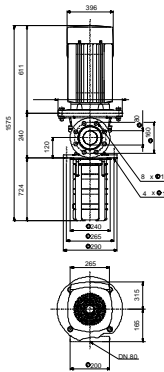
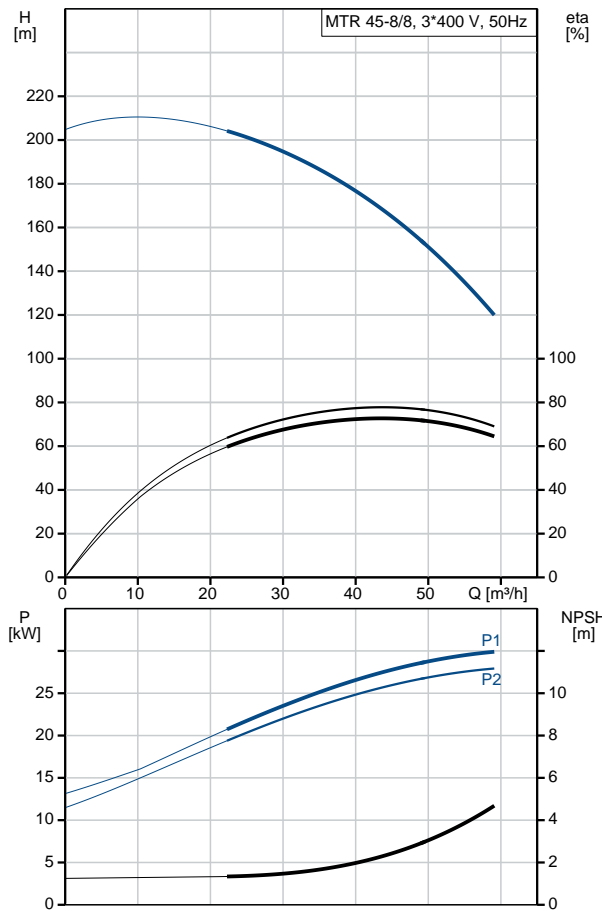
Qty.	Description
1	<p data-bbox="199 340 486 369"><b>MTR 45-8/8 A-F-A-HUUV</b></p>  <p data-bbox="199 663 466 692">Product No.: <a href="#">98513711</a></p> <p data-bbox="199 721 1173 804">Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul data-bbox="240 808 1139 927" style="list-style-type: none"> <li>• Installation length 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 cast-iron split coupling.</li> </ul> <p data-bbox="199 956 1189 985">A cartridge shaft seal ensures high reliability, safe handling, and easy access and service.</p> <p data-bbox="199 1077 638 1135">Controls: Frequency converter: NONE</p> <p data-bbox="199 1167 778 1314"><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></p> <p data-bbox="199 1346 821 1610"><b>Technical:</b> Pump speed on which pump data are based: 2951 rpm Rated flow: 45 m<sup>3</sup>/h Rated head: 163.7 m Chambers: 8 Drainage back to tank: N Pump orientation: Vertical Code for shaft seal: HUUV Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1641 810 1845"><b>Materials:</b> Pump head: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1877 730 2085"><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: 724 mm</p>

Qty.	Description
	Pressure rating for pipe connection: PN 40 Flange size for motor: FF350  <b>Electrical data:</b> Motor standard: IEC Motor type: SIEMENS IE Efficiency class: IE3 Rated power - P2: 30 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-420D/660-725Y V Rated current: 56,0-51,0/32,0-29,5 A Starting current: 660-660 % Cos phi - power factor: 0.86 Rated speed: 2955 rpm Efficiency: IE3 93,3% Motor efficiency at full load: 93.3-93.3 % Motor efficiency at 3/4 load: 93.6-93.6 % Motor efficiency at 1/2 load: 93.4-93.4 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 81U15332  <b>Others:</b> Terminal box position: 6 Minimum efficiency index, MEI : 0.70 Net weight: 281 kg Gross weight: 339 kg Shipping volume: 0.81 m <sup>3</sup> Country of origin: HU Custom tariff no.: 84137075

## 98513711 MTR 45-8/8 A-F-A-HUUV 50 Hz



Description	Value
<b>General information:</b>	
Product name:	MTR 45-8/8 A-F-A-HUUU
Product No:	98513711
EAN number:	5711496394249 5711496394249
<b>Technical:</b>	
Pump speed on which pump data are based:	2951 rpm
Rated flow:	45 m³/h
Rated head:	163.7 m
Chambers:	8
Impellers:	8
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:	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:	724 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/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	30 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V
Rated current:	56,0-51,0/32,0-29,5 A
Starting current:	660-660 %
Cos phi - power factor:	0.86
Rated speed:	2955 rpm
Efficiency:	IE3 93,3%
Motor efficiency at full load:	93.3-93.3 %
Motor efficiency at 3/4 load:	93.6-93.6 %
Motor efficiency at 1/2 load:	93.4-93.4 %





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:	81U15332
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI :	0.70
Net weight:	281 kg
Gross weight:	339 kg
Shipping volume:	0.81 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137075