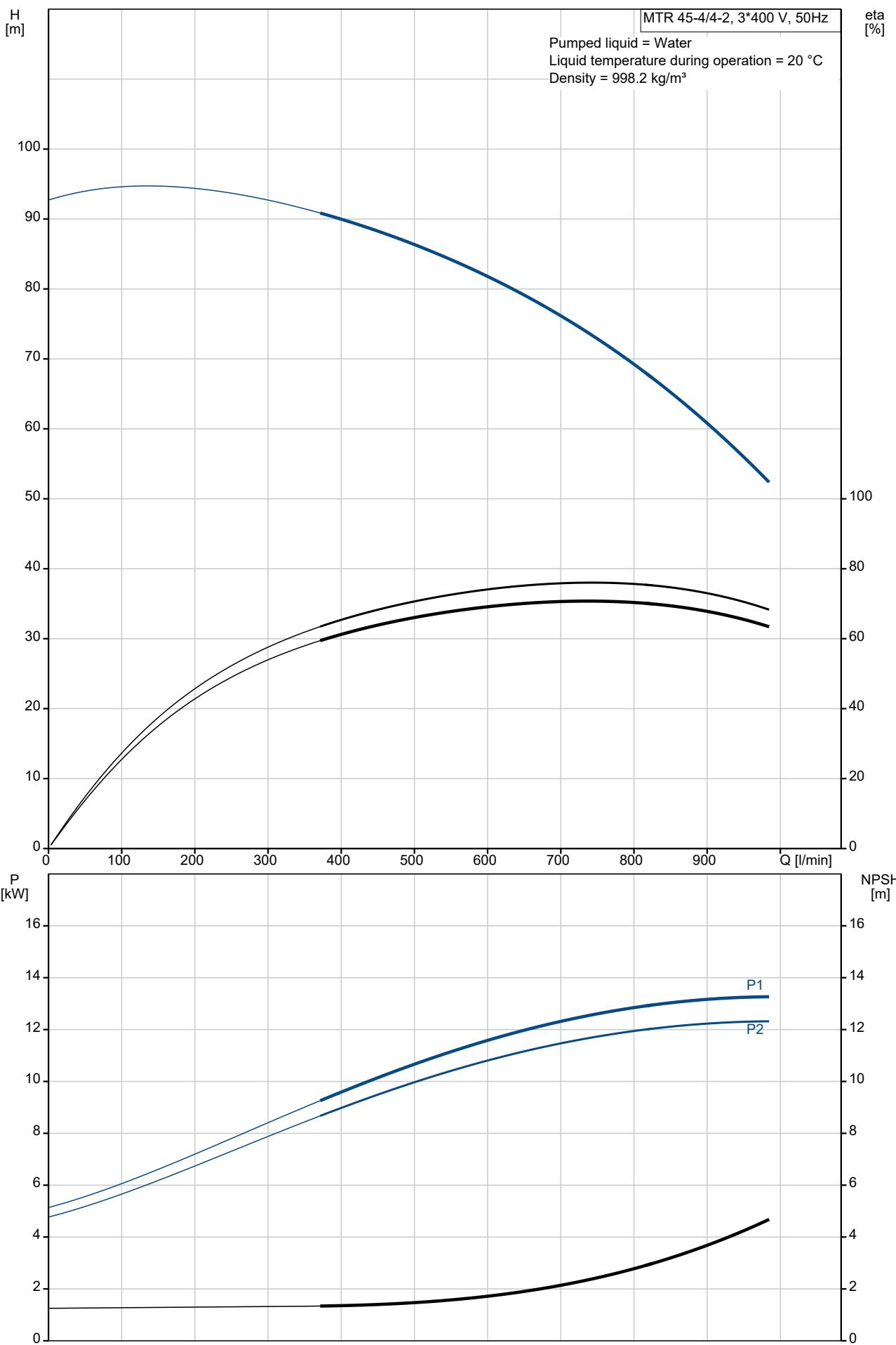


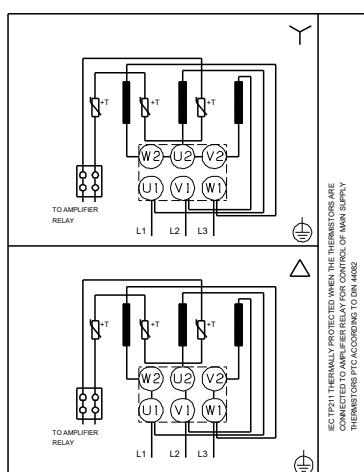
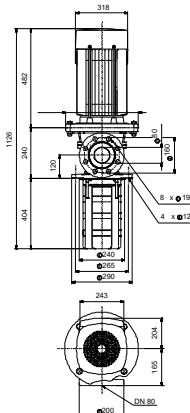
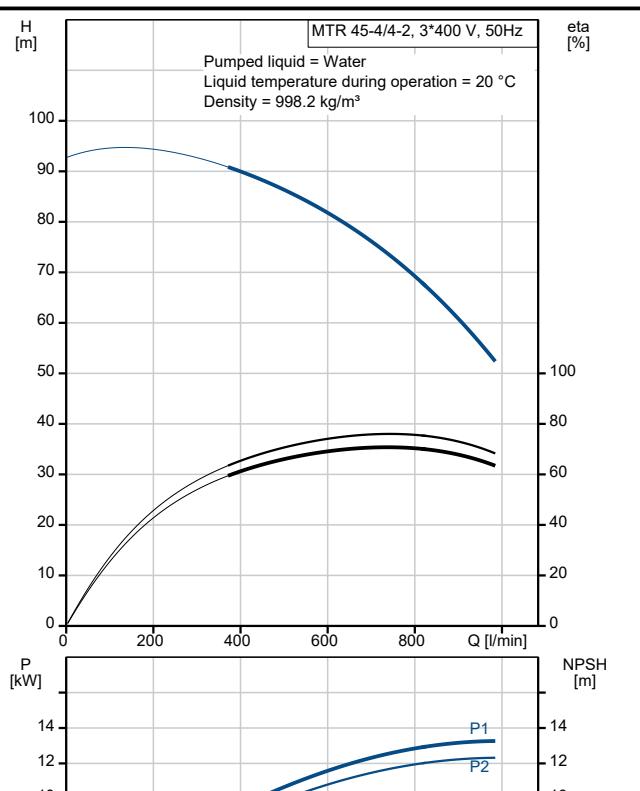
Qty.	Description
1	<p>MTR 45-4/4-2 A-F-A-HUUV</p>  <p>Product No.: On request</p> <p>Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul style="list-style-type: none"> Dimensions 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 sintered metal split coupling. <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>Controls: Frequency converter: NONE</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -10 .. 90 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 2923 rpm Rated flow: 750 l/min Rated head: 72.1 m Chambers: 4 Drainage back to tank: N Pump orientation: Vertical Code for shaft seal: HUUV Approvals: CE,EAC Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Pump head: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Installation: t max amb: 60 °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: 404 mm Pressure rating for connection: PN 40 Flange size for motor: FF300</p> <p>Electrical data: Motor standard: IEC Motor type: 160MD IE Efficiency class: IE3</p>

Qty.	Description
1	Rated power - P2: 15 kW
	Mains frequency: 50 Hz
	Suitable for 50/60 Hz: N
	Rated voltage: 3 x 380-415D/660-690Y V
	Rated current: 28,0-26,0/16,2-15,6 A
	Starting current: 660-780 %
	Cos phi - power factor: 0.89-0.87
	Rated speed: 2930-2950 rpm
	Efficiency: IE3 91,9%
	Motor efficiency at full load: 91.9-91.9 %
	Motor efficiency at 3/4 load: 92.4 %
	Motor efficiency at 1/2 load: 92.4 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U17526
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI \geq : 0.70
	Net weight: 157 kg
	Gross weight: 182 kg
	Shipping volume: 0.479 m ³
	Country of origin: HU
	Custom tariff no.: 84137075

On request MTR 45-4/4-2 A-F-A-HUUV 50 Hz

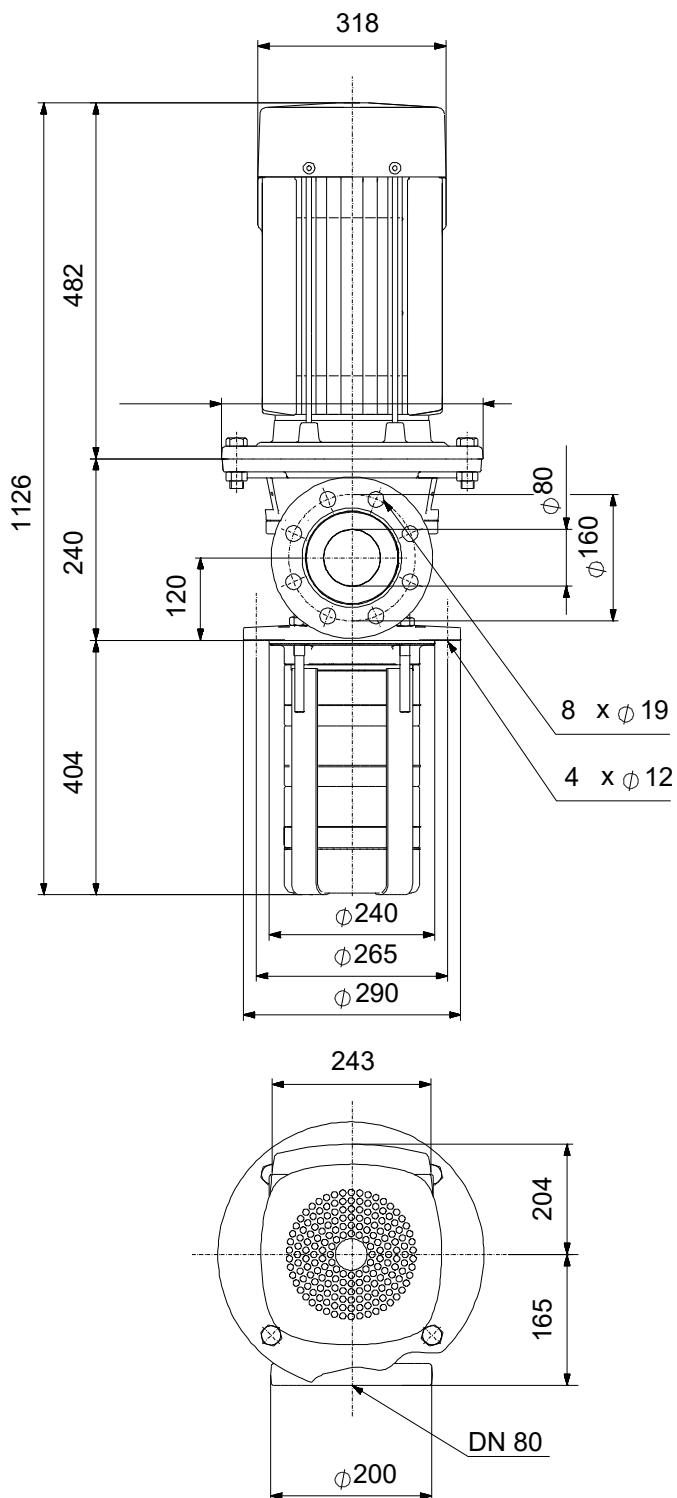


Description	Value
General information:	
Product name:	MTR 45-4/4-2
	A-F-A-HUUV
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	2923 rpm
Rated flow:	750 l/min
Rated head:	72.1 m
Chambers:	4
Impellers:	4
Number of reduced-diameter impellers:	2
Drainage back to tank:	N
Pump orientation:	Vertical
Code for shaft seal:	HUUV
Approvals:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
Pump head:	Cast iron
Pump head:	EN 1561 EN-GJL-200
Pump head:	ASTM A48-25B
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Installation:	
t max amb:	60 °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:	404 mm
Pressure rating for connection:	PN 40
Flange size for motor:	FF300
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	160MD
IE Efficiency class:	IE3
Rated power - P2:	15 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	28,0-26,0/16,2-15,6 A
Starting current:	660-780 %
Cos phi - power factor:	0.89-0.87
Rated speed:	2930-2950 rpm
Efficiency:	IE3 91,9%
Motor efficiency at full load:	91.9-91.9 %
Motor efficiency at 3/4 load:	92.4 %
Motor efficiency at 1/2 load:	92.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17526



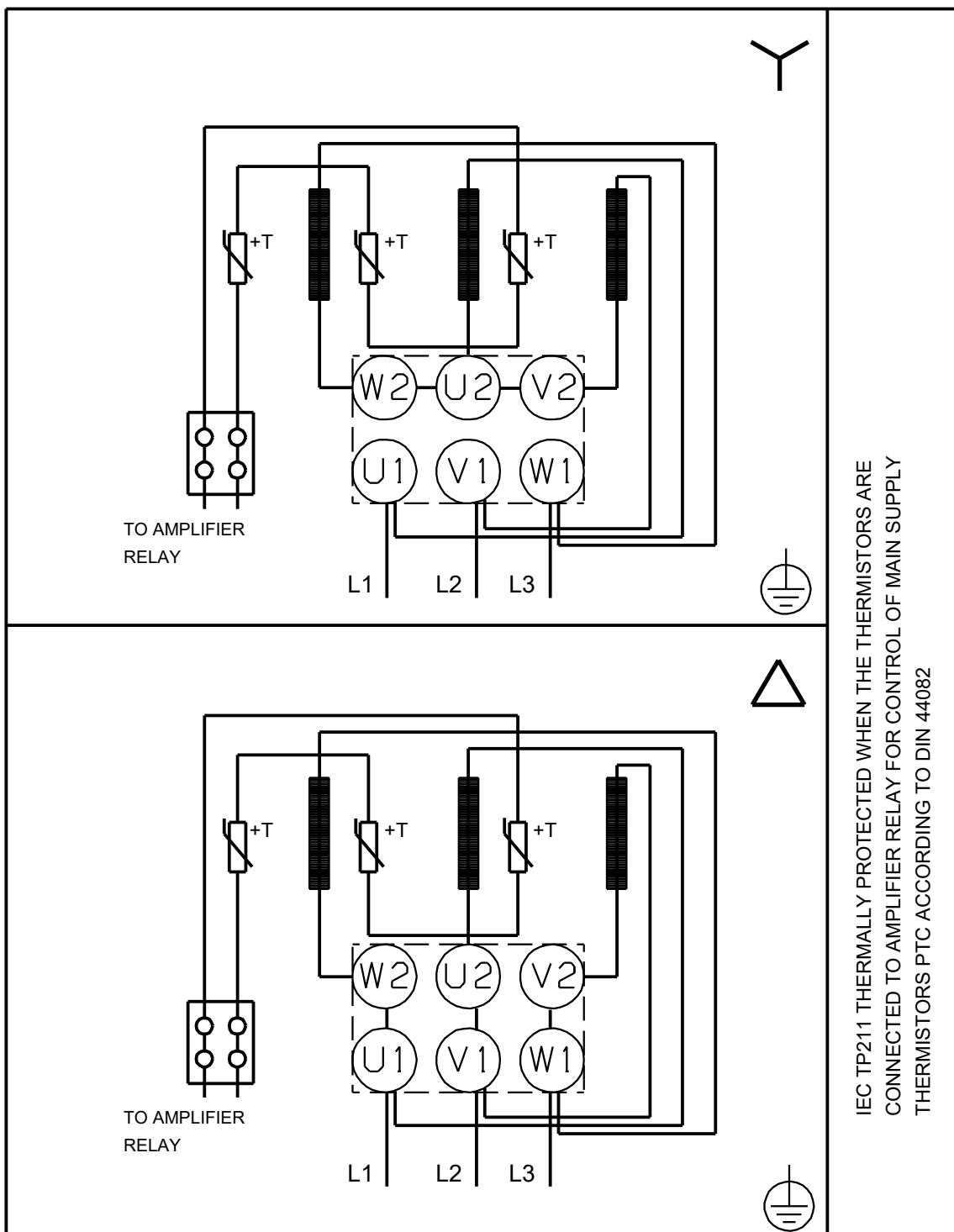
Description	Value
Controls:	
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	157 kg
Gross weight:	182 kg
Shipping volume:	0.479 m ³
Country of origin:	HU
Custom tariff no.:	84137075

On request MTR 45-4/4-2 A-F-A-HUUV 50 Hz



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

On request MTR 45-4/4-2 A-F-A-HUUV 50 Hz



Note! All units are in [mm] unless others are stated.

Order Data:

Position	Your pos.	Product name	Amount	Product No	Total
		MTR 45-4/4-2	1	On request	Price on request