
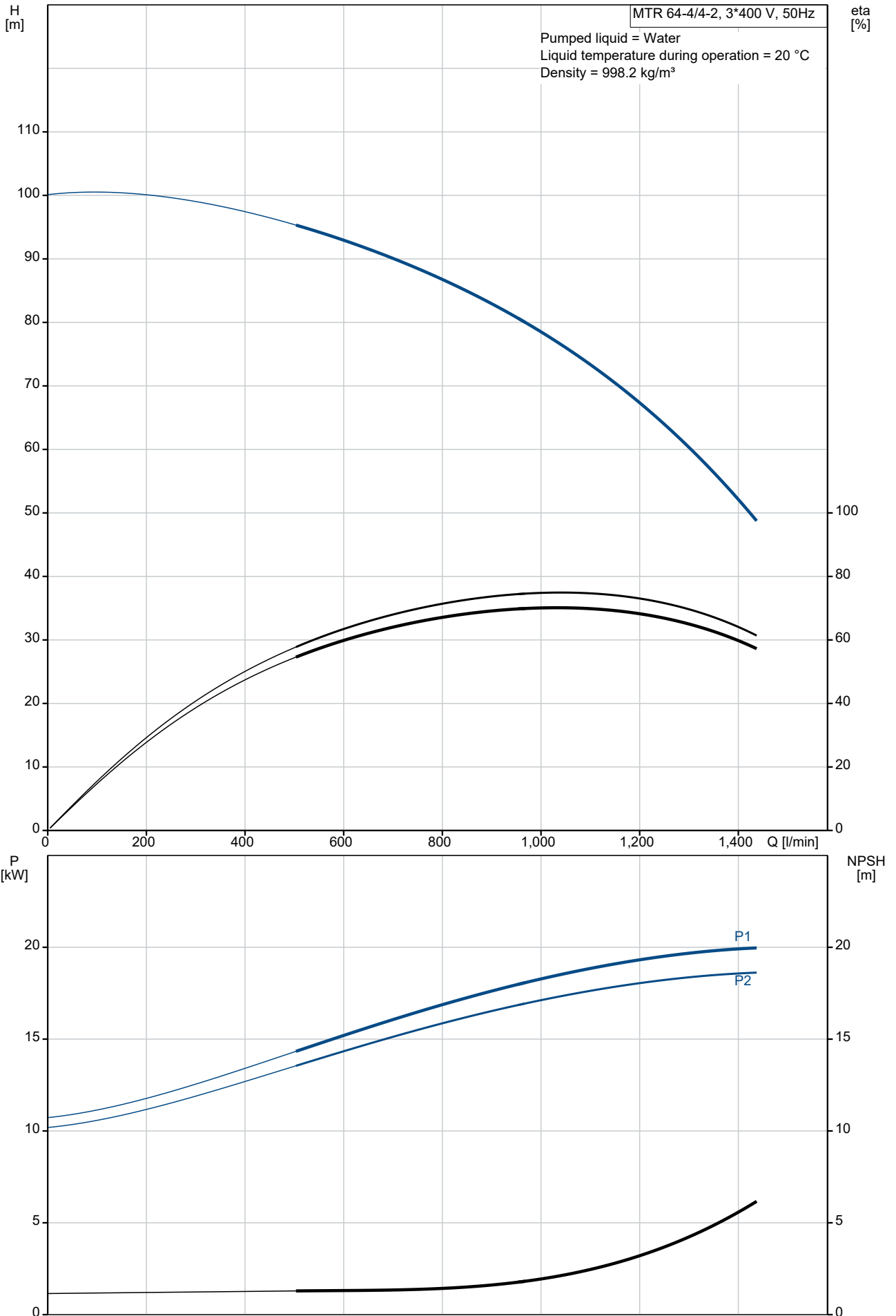


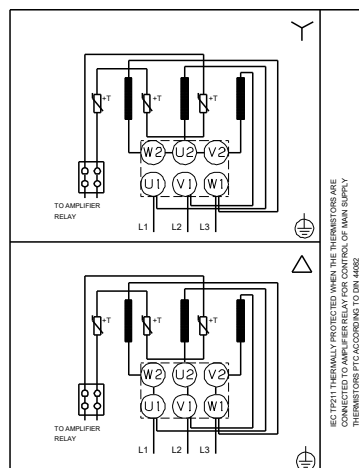
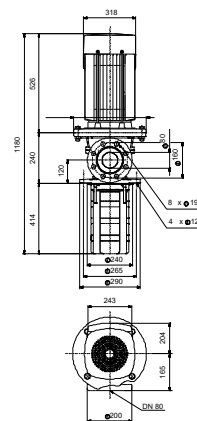
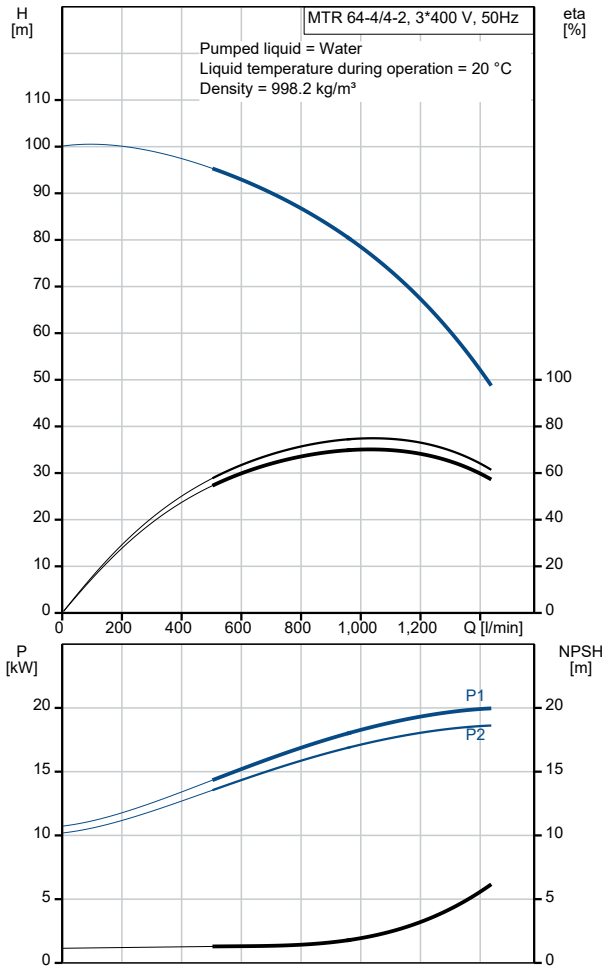
Qty.	Description
1	<p data-bbox="204 163 501 185"><b>MTR 64-4/4-2 A-F-A-HUUV</b></p>  <p data-bbox="204 483 478 506">Product No.: On request</p> <p data-bbox="204 544 1430 618">Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul data-bbox="240 629 1115 741" style="list-style-type: none"> <li>• Dimensions 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 sintered metal split coupling.</li> </ul> <p data-bbox="204 748 1430 797">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 data-bbox="204 837 300 860"><b>Controls:</b></p> <p data-bbox="204 866 636 889">Frequency converter: NONE</p> <p data-bbox="204 927 272 949"><b>Liquid:</b></p> <p data-bbox="204 956 632 978">Pumped liquid: Water</p> <p data-bbox="204 985 687 1008">Liquid temperature range: -10 .. 90 °C</p> <p data-bbox="204 1014 628 1037">Selected liquid temperature: 20 °C</p> <p data-bbox="204 1043 695 1066">Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="204 1104 312 1126"><b>Technical:</b></p> <p data-bbox="204 1133 818 1155">Pump speed on which pump data are based: 2934 rpm</p> <p data-bbox="204 1162 679 1184">Rated flow: 1070 l/min</p> <p data-bbox="204 1191 639 1214">Rated head: 75.8 m</p> <p data-bbox="204 1220 580 1243">Chambers: 4</p> <p data-bbox="204 1249 580 1272">Drainage back to tank: N</p> <p data-bbox="204 1279 647 1301">Pump orientation: Vertical</p> <p data-bbox="204 1308 636 1330">Code for shaft seal: HUUV</p> <p data-bbox="204 1337 657 1359">Approvals: CE,EAC</p> <p data-bbox="204 1366 759 1388">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="204 1426 308 1449"><b>Materials:</b></p> <p data-bbox="204 1456 802 1543">Pump head: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</p> <p data-bbox="204 1550 724 1637">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="204 1675 325 1697"><b>Installation:</b></p> <p data-bbox="204 1704 628 1727">t max amb: 60 °C</p> <p data-bbox="204 1733 636 1756">Maximum operating pressure: 25 bar</p> <p data-bbox="204 1762 716 1785">Max pressure at stated temp: 25 bar / 90 °C</p> <p data-bbox="204 1792 608 1814">Type of connection: DIN</p> <p data-bbox="204 1821 636 1843">Size of outlet connection: DN 80</p> <p data-bbox="204 1850 655 1872">Immersion depth: 414 mm</p> <p data-bbox="204 1879 636 1901">Pressure rating for connection: PN 40</p> <p data-bbox="204 1908 636 1930">Flange size for motor: FF300</p> <p data-bbox="204 1968 360 1991"><b>Electrical data:</b></p> <p data-bbox="204 1998 608 2020">Motor standard: IEC</p> <p data-bbox="204 2027 636 2049">Motor type: 160LB</p> <p data-bbox="204 2056 604 2078">IE Efficiency class: IE3</p>

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# On request MTR 64-4/4-2 A-F-A-HUUV 50 Hz

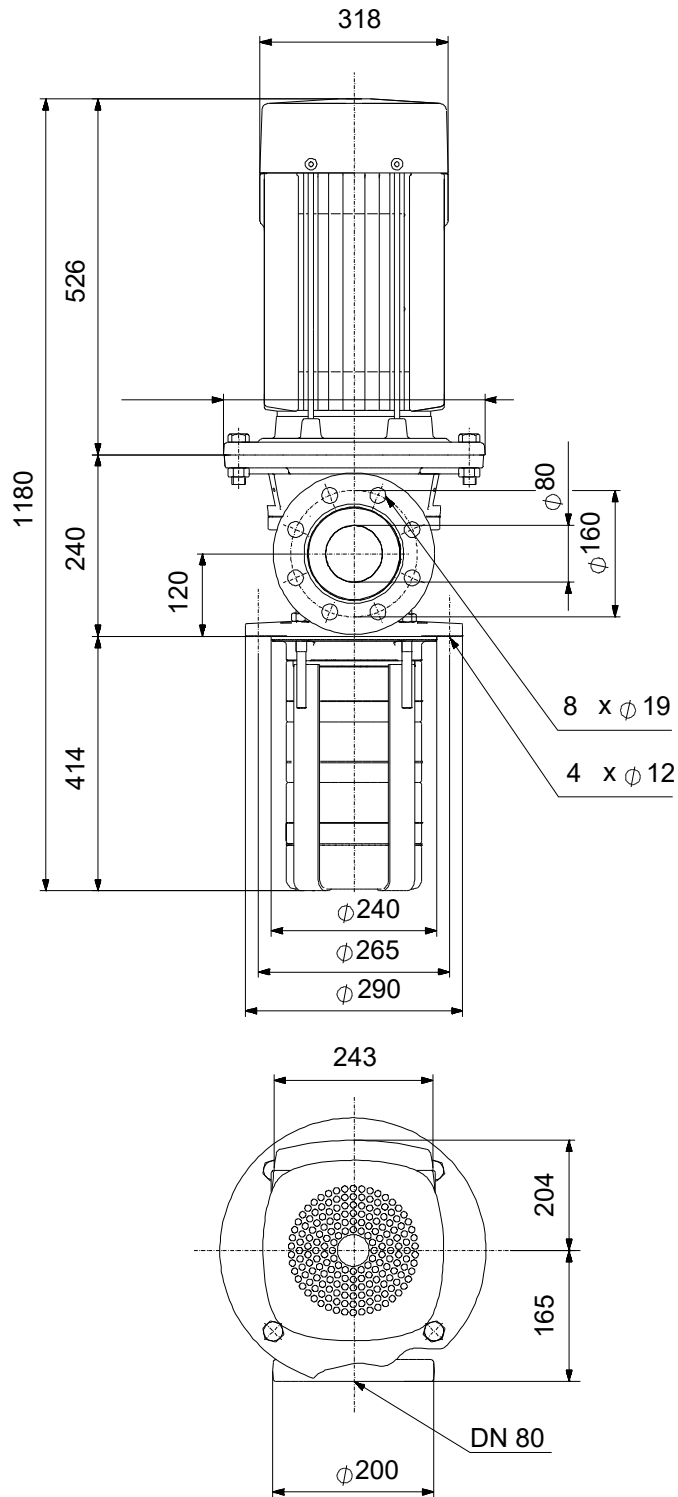


Description	Value
<b>General information:</b>	
Product name:	MTR 64-4/4-2 A-F-A-HUUV
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2934 rpm
Rated flow:	1070 l/min
Rated head:	75.8 m
Chambers:	4
Impellers:	4
Number of reduced-diameter impellers:	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
<b>Materials:</b>	
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
<b>Installation:</b>	
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:	414 mm
Pressure rating for connection:	PN 40
Flange size for motor:	FF300
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	160LB
IE Efficiency class:	IE3
Rated power - P2:	18.5 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	3 x 380-415D/660-690V V
Rated current:	34,5-32,5/20,0-18,8 A
Starting current:	830-980 %
Cos phi - power factor:	0.89-0.85
Rated speed:	2940-2950 rpm
Efficiency:	IE3 92,4%
Motor efficiency at full load:	92.4-92.4 %
Motor efficiency at 3/4 load:	93.2 %
Motor efficiency at 1/2 load:	93.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17528



Description	Value
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	172 kg
Gross weight:	198 kg
Shipping volume:	0.479 m <sup>3</sup>
Country of origin:	HU
Custom tariff no.:	84137075

# On request MTR 64-4/4-2 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 64-4/4-2 A-F-A-HUUV 50 Hz**



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE  
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY  
THERMISTORS PTC ACCORDING TO DIN 44082

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

