
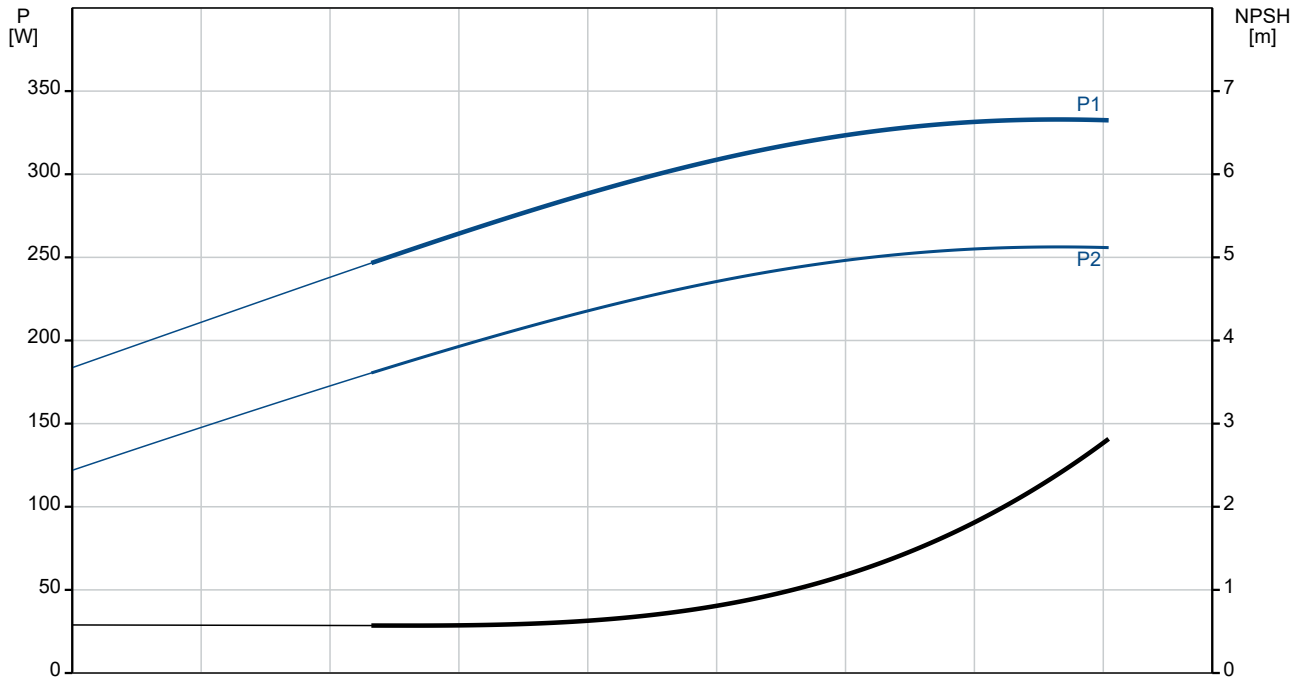
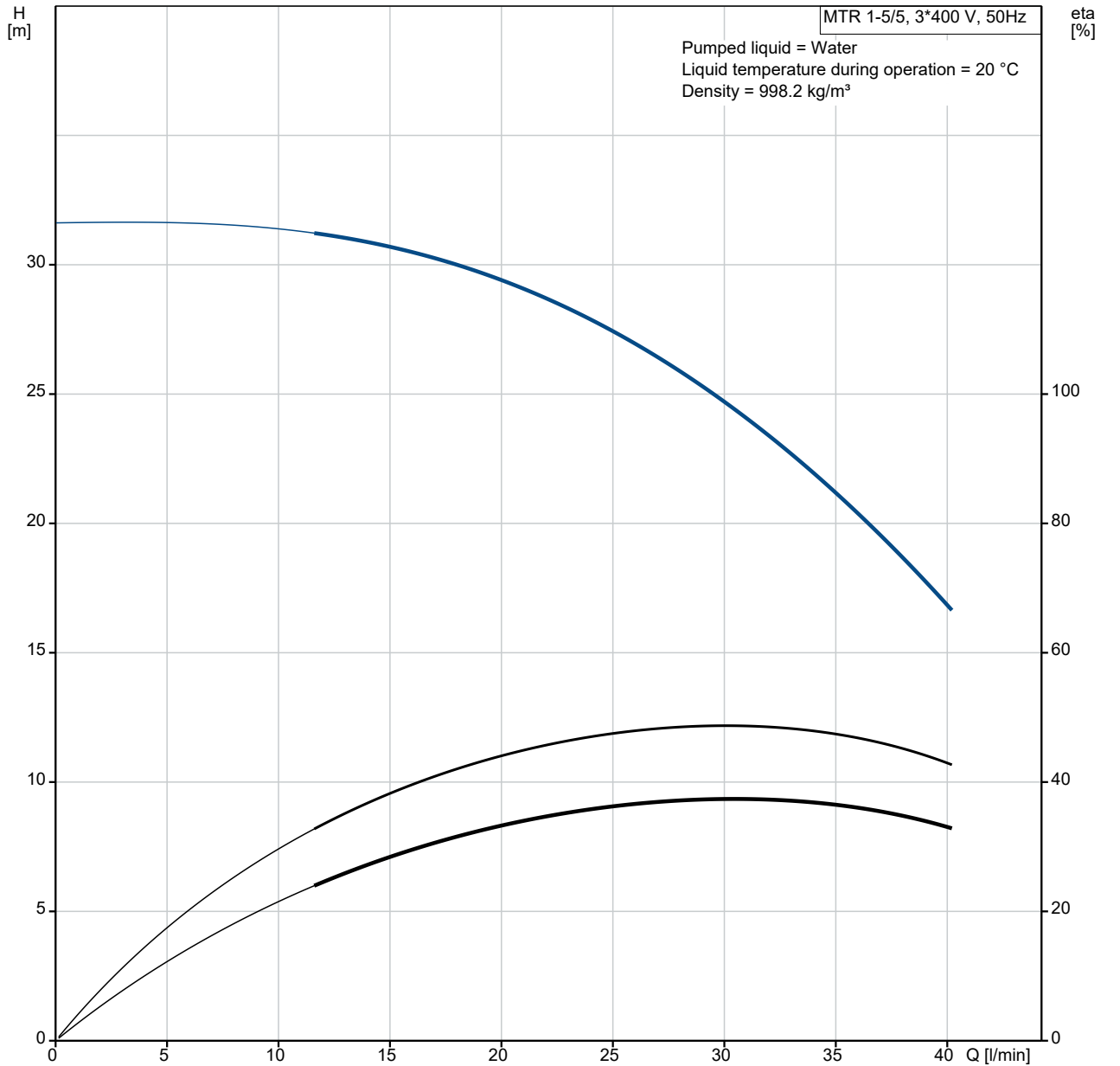


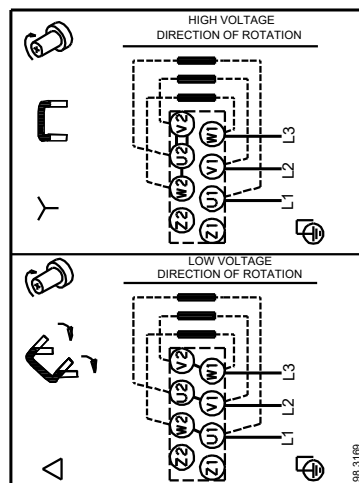
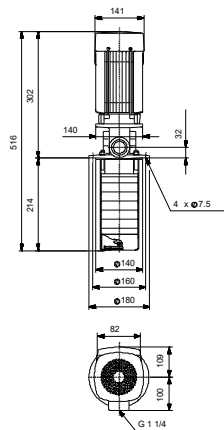
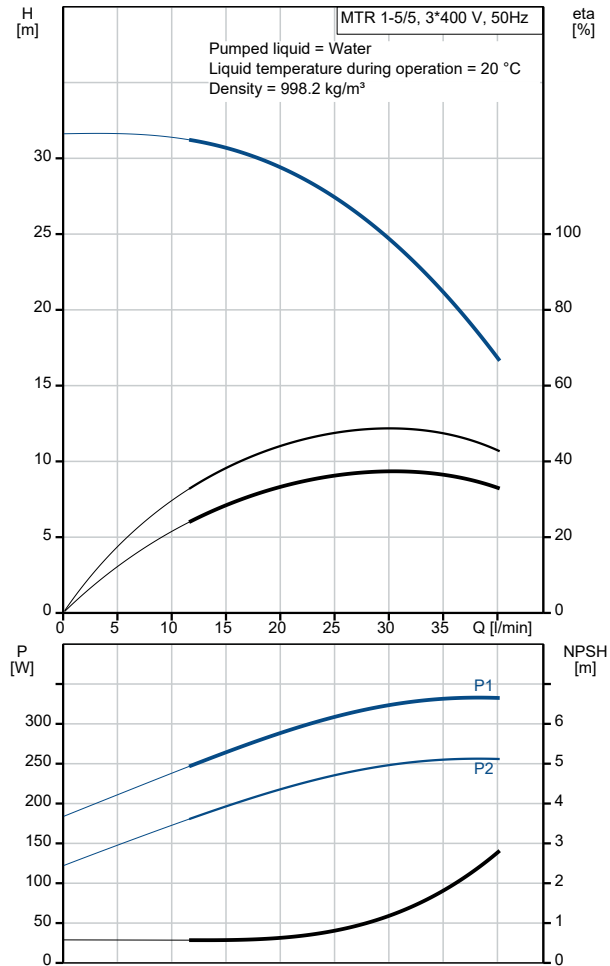
Qty.	Description
1	<b>MTR 1-5/5 A-W-A-HUUV</b>
	
	Product No.: On request
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:
	<ul 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>
	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.
	<b>Controls:</b>
	Frequency converter:                 NONE
	<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>Technical:</b>
	Pump speed on which pump data are based:   2873 rpm
	Rated flow:                             30 l/min
	Rated head:                             22.7 m
	Chambers:                             5
	Drainage back to tank:               N
	Pump orientation:                     Vertical
	Code for shaft seal:                 HUUV
	Approvals:                             CE,EAC
	Curve tolerance:                     ISO9906:2012 3B
	<b>Materials:</b>
	Pump head:                             Cast iron EN 1561 EN-GJL-200 ASTM A48-25B
	Impeller:                               Stainless steel EN 1.4301 AISI 304
	<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:                 G internal thread
	Size of outlet connection:          1 1/4 inch
	Immersion depth:                     214 mm
	Flange size for motor:               FT85
	<b>Electrical data:</b>
	Motor standard:                     IEC
	Motor type:                           71A
	IE Efficiency class:                 IE3
	Rated power - P2:                   0.37 kW

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1	<table> <tr> <td>Mains frequency:</td> <td>50 Hz</td> </tr> <tr> <td>Suitable for 50/60 Hz:</td> <td>N</td> </tr> <tr> <td>Rated voltage:</td> <td>3 x 220-240D/380-415Y V</td> </tr> <tr> <td>Rated current:</td> <td>1.74/1.00 A</td> </tr> <tr> <td>Starting current:</td> <td>490-530 %</td> </tr> <tr> <td>Cos phi - power factor:</td> <td>0.80-0.70</td> </tr> <tr> <td>Rated speed:</td> <td>2850-2880 rpm</td> </tr> <tr> <td>Efficiency:</td> <td>IE3 73,8%</td> </tr> <tr> <td>Motor efficiency at full load:</td> <td>73.8 %</td> </tr> <tr> <td>Motor efficiency at 3/4 load:</td> <td>79.0 %</td> </tr> <tr> <td>Motor efficiency at 1/2 load:</td> <td>75.5 %</td> </tr> <tr> <td>Number of poles:</td> <td>2</td> </tr> <tr> <td>Enclosure class (IEC 34-5):</td> <td>55 Dust/Jetting</td> </tr> <tr> <td>Insulation class (IEC 85):</td> <td>F</td> </tr> <tr> <td>Motor No:</td> <td>85805102</td> </tr> <tr> <td colspan="2">Others:</td> </tr> <tr> <td>Terminal box position:</td> <td>6</td> </tr> <tr> <td>Minimum efficiency index, MEI ≥:</td> <td>0.70</td> </tr> <tr> <td>Net weight:</td> <td>13 kg</td> </tr> <tr> <td>Gross weight:</td> <td>16.1 kg</td> </tr> <tr> <td>Shipping volume:</td> <td>0.045 m<sup>3</sup></td> </tr> <tr> <td>Danish VVS No.:</td> <td>386961005</td> </tr> <tr> <td>Country of origin:</td> <td>HU</td> </tr> <tr> <td>Custom tariff no.:</td> <td>84137075</td> </tr> </table>	Mains frequency:	50 Hz	Suitable for 50/60 Hz:	N	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 ≥:	0.70	Net weight:	13 kg	Gross weight:	16.1 kg	Shipping volume:	0.045 m <sup>3</sup>	Danish VVS No.:	386961005	Country of origin:	HU	Custom tariff no.:	84137075
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# On request MTR 1-5/5 A-W-A-HUUV 50 Hz

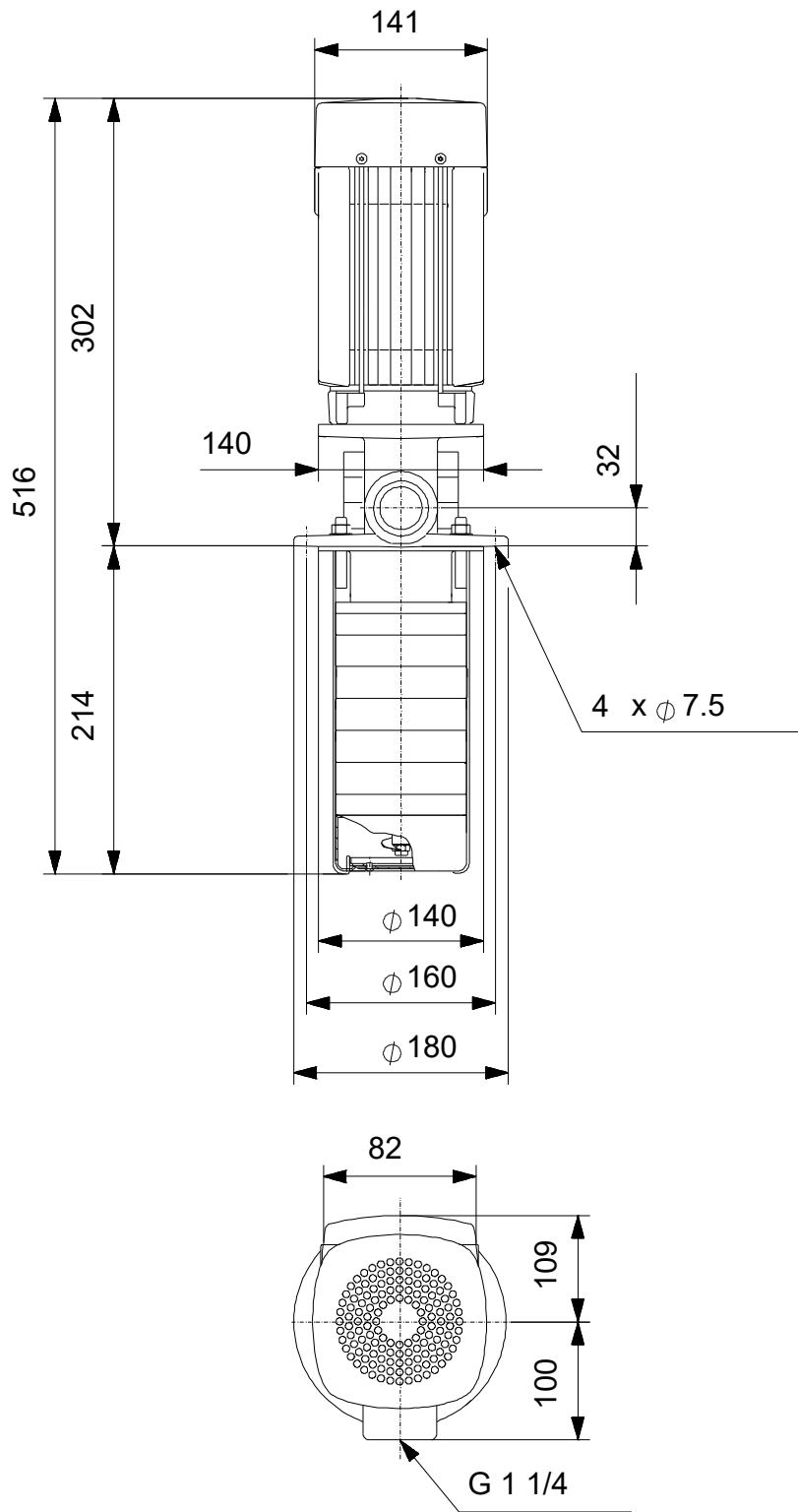


Description	Value
<b>General information:</b>	
Product name:	MTR 1-5/5 A-W-A-HUUUV
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2873 rpm
Rated flow:	30 l/min
Rated head:	22.7 m
Chambers:	5
Impellers:	5
Number of reduced-diameter impellers:	0
Drainage back to tank:	N
Pump orientation:	Vertical
Code for shaft seal:	HUUUV
Approvals:	CE, EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<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:	G internal thread
Size of outlet connection:	1 1/4 inch
Immersion depth:	214 mm
Flange size for motor:	FT85
Connect code:	W
<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:	71A
IE Efficiency class:	IE3
Rated power - P2:	0.37 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
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
Built-in motor protection:	NONE
Motor No:	85805102
<b>Controls:</b>	



Description	Value
Frequency converter:	NONE
<b>Others:</b>	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	13 kg
Gross weight:	16.1 kg
Shipping volume:	0.045 m <sup>3</sup>
Danish VVS No.:	386961005
Country of origin:	HU
Custom tariff no.:	84137075

On request MTR 1-5/5 A-W-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 1-5/5 A-W-A-HUUV 50 Hz



98.3169

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

