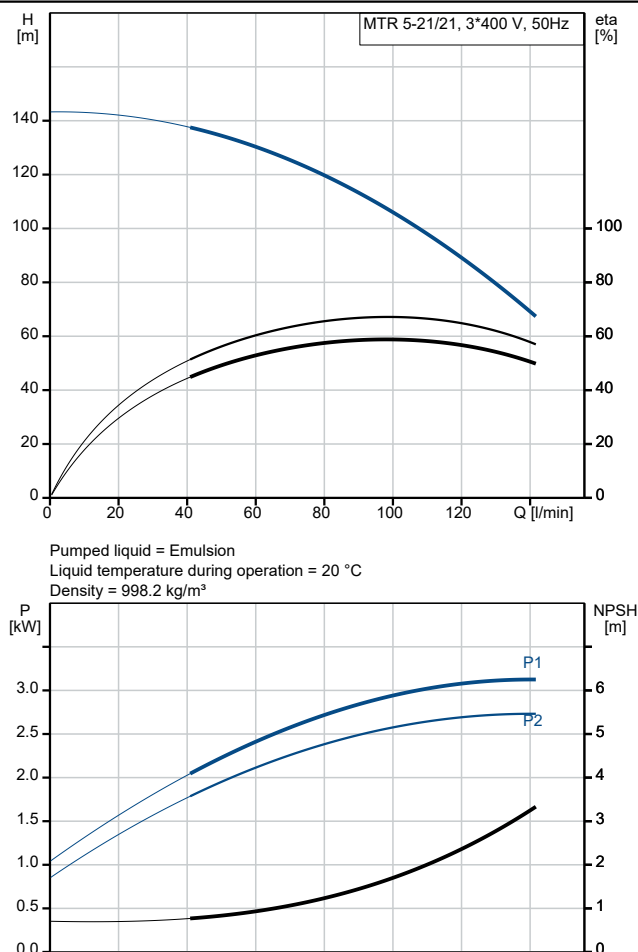


Description	Value
<b>General information:</b>	
Product name:	MTR 5-21/21 A-W-I-HUUV
Product No:	On request
EAN number:	On request
<b>Technical:</b>	
Pump speed on which pump data are based:	2902 rpm
Rated flow:	96.7 l/min
Rated head:	107.3 m
Chambers:	21
Impellers:	21
Number of reduced-diameter impellers:	0
Drainage back to tank (Yes/No):	N
Pump orientation:	Vertical
Primary shaft seal:	HUUV
Code for shaft seal:	HUUV
Approvals:	EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Type key, code for materials:	I
Pump head:	Stainless steel EN 1.4408
Impeller:	ASTM A351 CF8M Stainless steel EN 1.4301 AISI 304
Material code:	I
<b>Installation:</b>	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C
Type key, code for pipework connection:	W
Type of connection:	G internal thread
Size of outlet connection:	1 1/4 inch
Immersion depth:	682 mm
Flange size for motor:	FT130
Terminal box position:	6
Connect code:	W
<b>Liquid:</b>	
Pumped liquid:	Emulsion
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:	100LC
Rated power - P2:	3 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz (Yes/No):	N
Rated voltage:	3 x 380-415D V
Rated current:	6.3 A
Starting current:	840-920 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2900-2920 rpm





Company name:

Created by:

Phone:

Date:

17/01/2026

Description	Value
IE efficiency:	IE2 84,6%
IE Efficiency class:	IE2
Motor efficiency at full load:	87.5 %
Motor efficiency at 3/4 load:	86 %
Motor efficiency at 1/2 load:	85.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85D15510
<b>Controls:</b>	
Terminal box position:	6
Frequency converter:	None
<b>Others:</b>	
Minimum efficiency index, MEI ≥:	0.57
Net weight:	31.5 kg
Gross weight:	35.5 kg
Shipping volume:	0.1 m <sup>3</sup>

