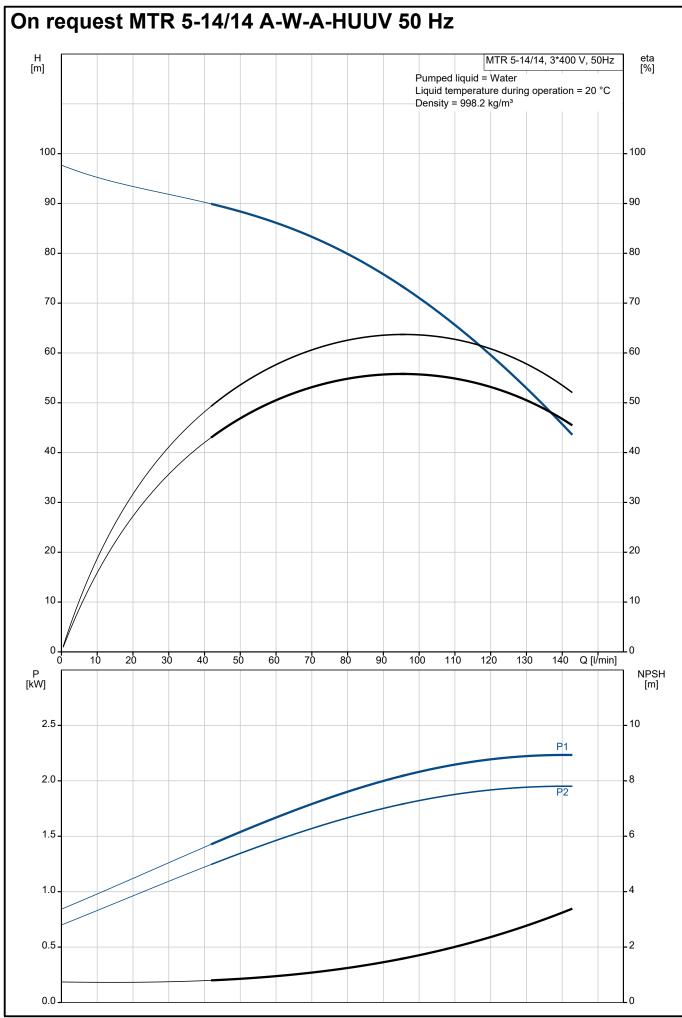
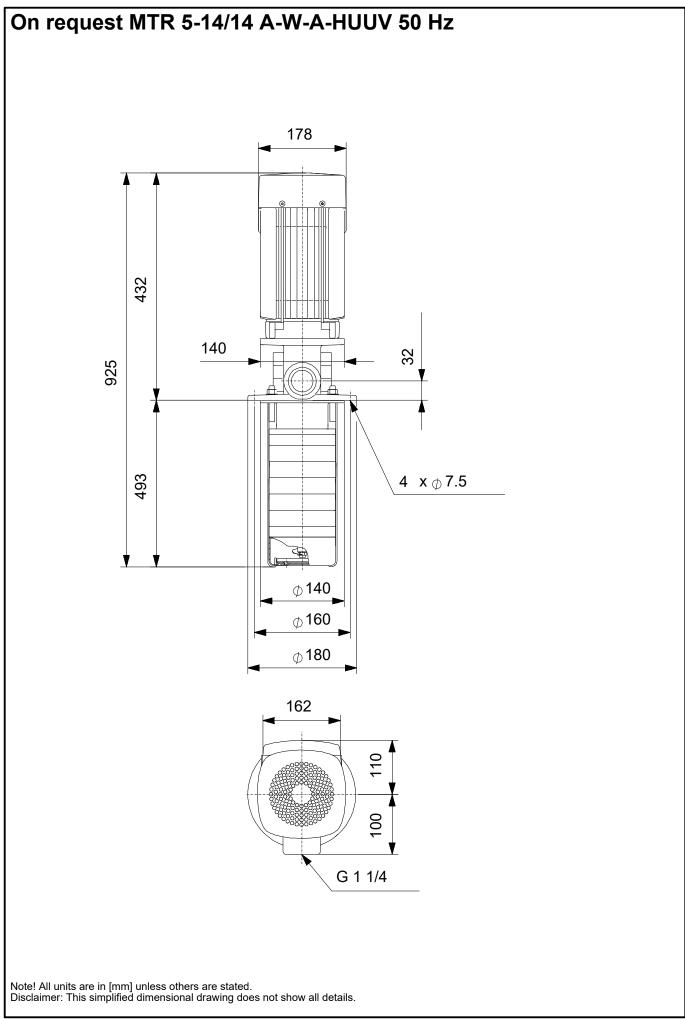
Qty.	Description							
1	MTR 5-14/14 A-W-A-HUUV							
	- The second							
	- Canal							
	IN THE REAL PROPERTY OF							
	Product No.: On request							
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.							
	The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following							
	characteristics:							
	 Dimensions according to 							
		hambers and spline shaft are made of Stainless steel.						
	 Mechanical shaft seal ac 							
		intered metal split coupling.						
	A cartridge shaft seal ensures h 3-phase, fan-cooled asynchronc	igh reliability, safe handling, and easy access and service. The pump is fitted with a						
	s-phase, lan-cooled asynchronic	lus motor.						
	Controls:							
	Frequency converter:	NONE						
	Liquid:							
	Pumped liquid:	Water						
	Liquid temperature range:	-10 90 °C						
	Selected liquid temperature:	20 °C						
	Density:	998.2 kg/m³						
	Technical:							
	Pump speed on which pump dat	•						
	Rated flow:	96.7 l/min						
	Rated head:	72 m						
	Chambers:	14						
	Drainage back to tank:	N Vertical						
	Pump orientation: Code for shaft seal:	HUUV						
	Approvals:	CE,EAC						
	Curve tolerance:	ISO9906:2012 3B						
	Materials:							
	Pump head:	Cast iron						
		EN 1561 EN-GJL-200						
		ASTM A48-25B						
	Impeller:	Stainless steel						
		EN 1.4301						
		AISI 304						
	Installation:							
	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 493 mm						
	Immersion depth: Flange size for motor:	493 mm FT115						
	Electrical data:							
	Motor standard:	IEC						
	Motor type:	90LE						
	IE Efficiency class:	IE3						
	Rated power - P2:	2.2 kW						

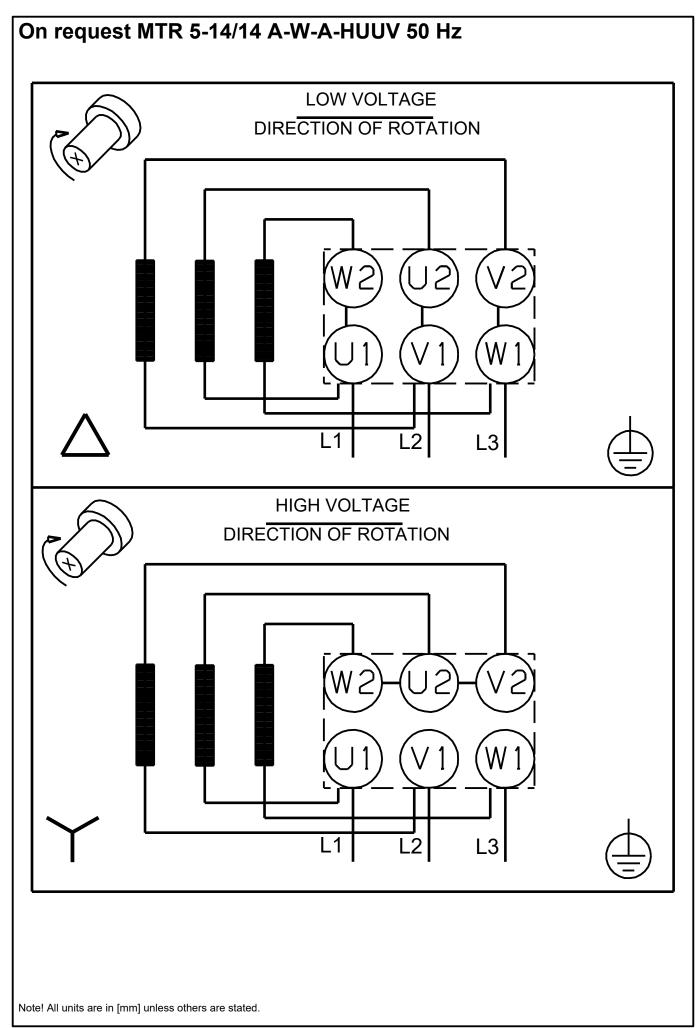
Suitable for 50/60 Hz: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	50 Hz N 3 x 380-415D V 4.65 A 840-920 % 0.86-0.80 2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Suitable for 50/60 Hz: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	N 3 x 380-415D V 4.65 A 840-920 % 0.86-0.80 2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	4.65 A 840-920 % 0.86-0.80 2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 35): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	840-920 % 0.86-0.80 2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 35): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	840-920 % 0.86-0.80 2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	2890-2910 rpm IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	IE3 85,9% 85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	85.9-85.9 % 88.2 % 88.0 % 2 55 Dust/Jetting F 85U11908
Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	88.0 % 2 55 Dust/Jetting F 85U11908
Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	2 55 Dust/Jetting F 85U11908
Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	55 Dust/Jetting F 85U11908
Insulation class (IEC 85): Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	F 85U11908
Motor No: Others: Terminal box position: Minimum efficiency index, MEI ≥:	85U11908
Others: Terminal box position: Minimum efficiency index, MEI ≥:	
Terminal box position: Minimum efficiency index, MEI ≥:	
Terminal box position: Minimum efficiency index, MEI ≥:	•
Minimum efficiency index, MEI ≥:	
	6 0.57
Net weight:	27.5 kg
	31.5 kg
	0.097 m ³
	HU
	84137075
	04137073
	Shipping volume: Country of origin: Custom tariff no.:



Description	Value	H [m]	MTR 5-14/14, 3*400 V, 50	Hz eta [%]
General information:	Faide		Pumped liquid = Water	
Product name:	MTR 5-14/14	100 -	Liquid temperature during operation = 20 ° Density = 998.2 kg/m ³	C _ 100
Product No:	A-W-A-HUUV On request			- 100
		90 -		- 90
EAN number:	On request			
Technical:		80 -		- 80
Pump speed on which pump data are based:	2899 rpm	70 -		- 70
Rated flow:	96.7 l/min	_		
Rated head:	72 m	60 -		- 60
Chambers:	14	50 -		- 50
Impellers:	14	30		- 30
Number of reduced-diameter impellers:	0	40		40
Drainage back to tank:	N	_		
Pump orientation:	Vertical	30 -		- 30
Code for shaft seal:	HUUV			
Approvals:	CE,EAC	20		20
Curve tolerance:	ISO9906:2012 3B	10		10
Pump version:	A	o		0
Model:	Α	d	20 40 60 80 100 120 Q [/n	-
Materials:		P [kW]		NPSH [m]
Pump head:	Cast iron	2.5 -		10
Pump head:	EN 1561 EN-GJL-200		P1	
Pump head:	ASTM A48-25B	2.0 -	P2	- 8
Impeller:	Stainless steel		P2	
Impeller:	EN 1.4301	1.5		- 6
Impeller:	AISI 304	_		
Material code:	А	1.0		-4
Installation:		0.5		_2
t max amb:	60 °C	0.5		- 2
Maximum operating pressure:	25 bar	0.0		0
Max pressure at stated temp:	25 bar / 90 °C			
Type of connection:	G internal thread	t		
Size of outlet connection:	1 1/4 inch		178	
Immersion depth:	493 mm	- 11		
Flange size for motor:	FT115			
Connect code:	W	432		
Liquid:	vv			
Pumped liquid:	Water	_		
Liquid temperature range:	-10 90 °C	483	4 × 07.5	
Selected liquid temperature:	20 °C	_		
Density:	998.2 kg/m ³	<u> </u>	0140	
-	990.2 Kg/III		0160 - 0180 -	
Electrical data:	150		163	
Motor standard:	IEC			
Motor type:	90LE			
IE Efficiency class:	IE3			
Rated power - P2:	2.2 kW		G 1 1/4	
Mains frequency:	50 Hz			
Suitable for 50/60 Hz:	Ν			
Rated voltage:	3 x 380-415D V		LOW VOLTAGE DIRECTION OF ROTATION	
Rated current:	4.65 A			
Starting current:	840-920 %	- [
Cos phi - power factor:	0.86-0.80			
Rated speed:	2890-2910 rpm			
Efficiency:	IE3 85,9%	─│ ♥ ♥		
Motor efficiency at full load:	85.9-85.9 %			
Motor efficiency at 3/4 load:	88.2 %		L1 L2 L3	
Motor efficiency at 1/2 load:	88.0 %		HIGH VOLTAGE	
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting	- ` r		
Insulation class (IEC 85):	F	-		
	NONE		\bigcirc \bigcirc \bigcirc	
Built-in motor protection:	NONE 851/11908			
	NONE 85U11908			

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.57
Net weight:	27.5 kg
Gross weight:	31.5 kg
Shipping volume:	0.097 m³
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:							
Position	Your pos.	Product name	Amount	Product No	Total		
		MTR 5-14/14	1	On request	Price or reques		
					reques		
				1			