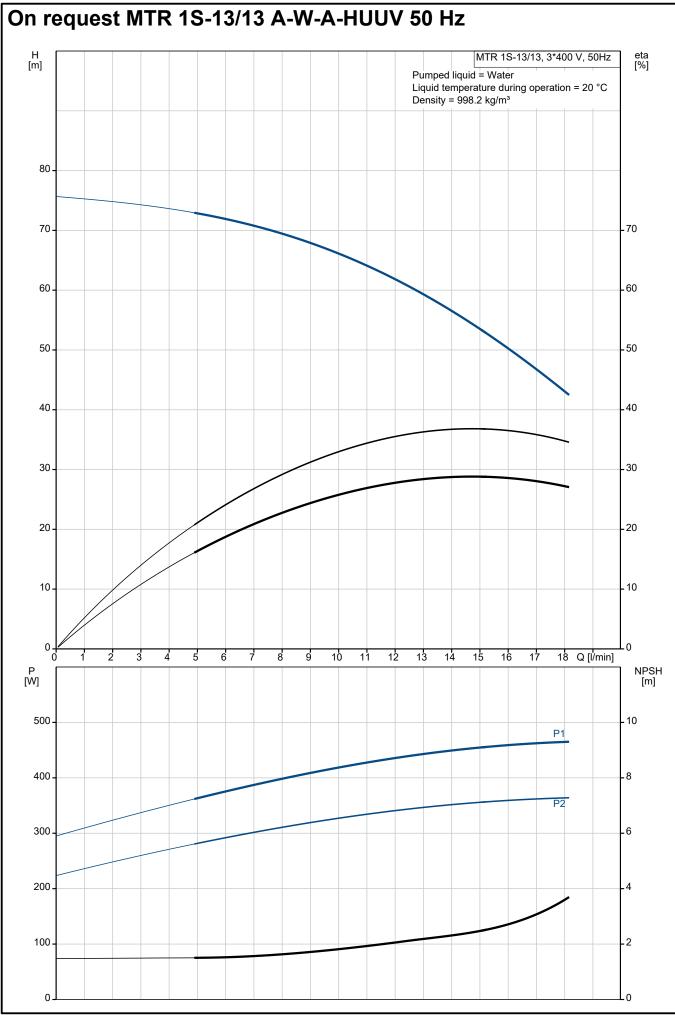
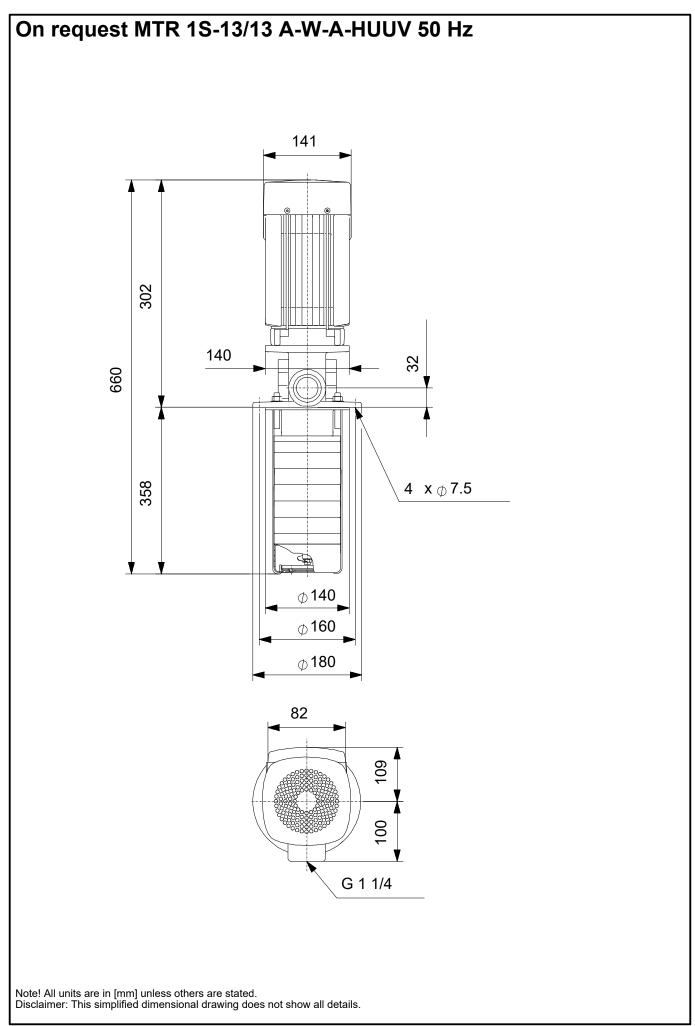
Qty.	Description					
<u>- Qiy.</u> 1	MTR 1S-13/13 A-W-A-HUUV					
	Product No.: On request					
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:					
	 Mechanical shaft seal acc Power transmission via si 	nambers and spline shaft are made of Stainless steel. cording to EN 12756. intered metal split coupling. gh reliability, safe handling, and easy access and service. The pump is fitted with a				
	Controls:					
	Frequency converter:	NONE				
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water -10 90 °C 20 °C 998.2 kg/m³				
	Technical: Pump speed on which pump dat Rated flow: Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals:	a are based: 2873 rpm 15 l/min 52.4 m 13 N Vertical HUUV 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: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection: Immersion depth: Flange size for motor:	60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm FT85				
	Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2:	IEC 71A IE3 0.37 kW				

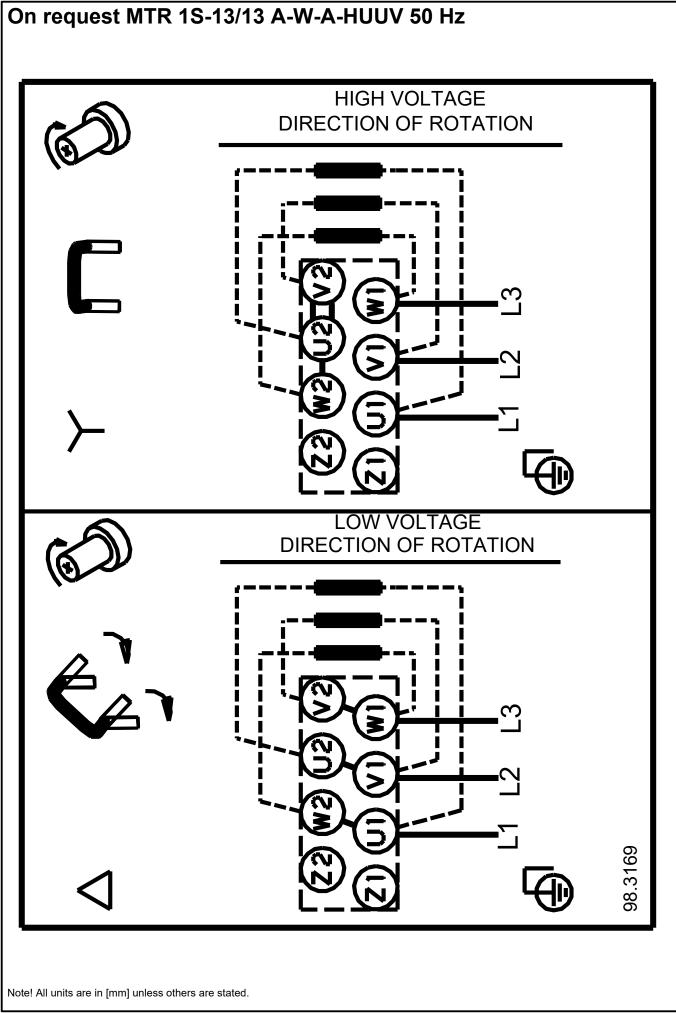
ty.	Description	
	Mains frequency: Suitable for 50/60 Hz:	50 Hz N
	Rated voltage: Rated current:	3 x 220-240D/380-415Y V 1.74/1.00 A
	Starting current:	490-530 %
	Cos phi - power factor: Rated speed:	0.80-0.70 2850-2880 rpm
	Efficiency:	IE3 73,8%
	Motor efficiency at full load:	73.8 %
	Motor efficiency at 3/4 load: Motor efficiency at 1/2 load:	79.0 % 75.5 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85): Motor No:	F 85805102
	Others:	
	Terminal box position: Minimum efficiency index, MEI ≥:	6 0.67
	Net weight:	13.2 kg
	Gross weight: Shipping volume:	15.9 kg 0.061 m³
	Danish VVS No.:	386960013
	Country of origin:	HU
	Custom tariff no.:	84137075



Description	Value	H [m] MTR 1S-13/13, 3*400 V, 50Hz [%]
General information:		Pumped liquid = Water
Product name:	MTR 1S-13/13	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³
Product name.	A-W-A-HUUV	
Product No:	On request	80 -
EAN number:	On request	
Technical:	onrequest	70 - 70
Pump speed on which pump data are	0070	
based:	2873 rpm	60 - 60
Rated flow:	15 l/min	50 50
Rated head:	52.4 m	50
Chambers:	13	
mpellers:	13	40 - 40
Number of reduced-diameter impellers:	0	
Drainage back to tank:	Ν	30 30
Pump orientation:	Vertical	
Code for shaft seal:	HUUV	20 20
Approvals:	CE,EAC	
Curve tolerance:	ISO9906:2012 3B	10 - 10
Pump version:	A	0
Model:	A	0 2 4 6 8 10 12 14 16 Q [/min]
Materials:		P [W] NPSH [m]
Pump head:	Cast iron	500 - P1 - 10
Pump head:	EN 1561 EN-GJL-200	
Pump head:	ASTM A48-25B	400 - 8
Impeller:	Stainless steel	P2
mpeller:	EN 1.4301	300 - 6
mpeller:	AISI 304	
Vaterial code:	A	200 - 4
nstallation:		
max amb:	60 °C	1002
Maximum operating pressure:	25 bar	
	25 bar / 90 °C	
Max pressure at stated temp:		
Type of connection:	G internal thread	• •
Size of outlet connection:	1 1/4 inch	
mmersion depth:	358 mm	
Flange size for motor:	FT85	382
Connect code:	W	
Liquid:		
Pumped liquid:	Water	
_iquid temperature range:	-10 90 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	0 140
Electrical data:	~	0 180 0 180
Motor standard:	IEC	
Motor type:	71A	
E 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	HIGH VOLTAGE DIRECTION OF ROTATION
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 %	
Notor efficiency at 3/4 load:	79.0 %	LOW VOLTAGE DIRECTION OF ROTATION
Motor efficiency at 1/2 load:	75.5 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
	F	
nsulation class (IEC 85):		
	NONE	
nsulation class (IEC 85): Built-in motor protection: Motor No:	NONE 85805102	

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.67
Net weight:	13.2 kg
Gross weight:	15.9 kg
Shipping volume:	0.061 m³
Danish VVS No.:	386960013
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		MTR 1S-13/13	1	On request	Price or reques	
					reques	