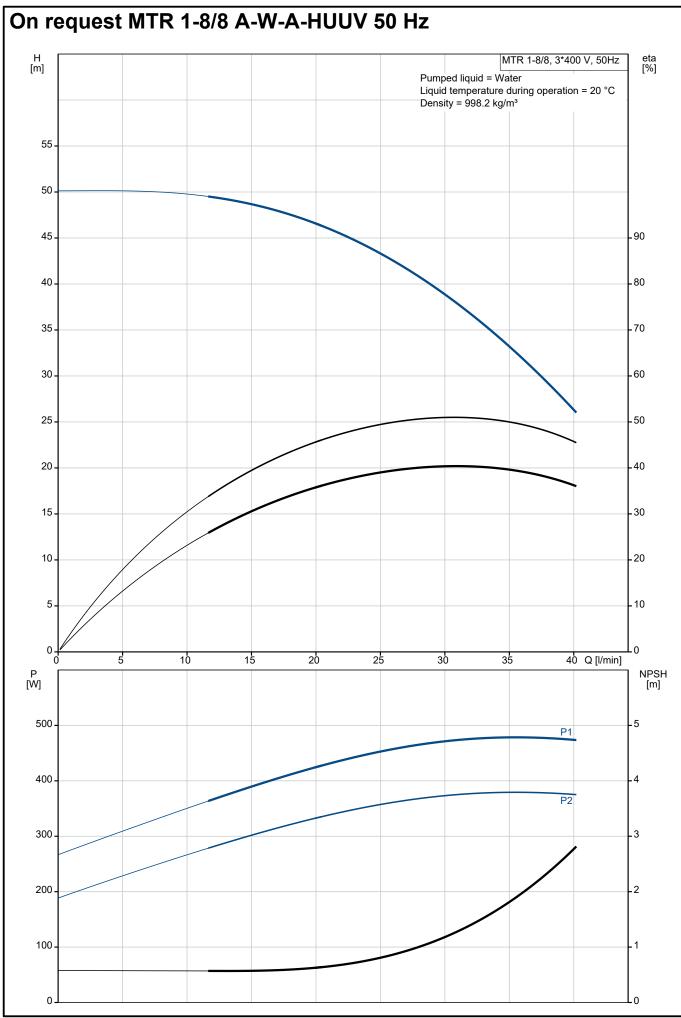
04	Description						
Qty.	Description						
1	MTR 1-8/8 A-W-A-HUUV						
	Product No.: On request						
Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the foll- characteristics:							
	DIN 5440. nambers and spline shaft are made of Stainless steel. cording to EN 12756.						
		intered metal split coupling.					
	A cartridge shaft seal ensures hi 3-phase, fan-cooled asynchrono	gh reliability, safe handling, and easy access and service. The pump is fitted with a us motor.					
	Controls:						
	Frequency converter:	NONE					
	Liquid						
	Liquid:	Water					
	Pumped liquid:	-10 90 °C					
	Liquid temperature range:						
	Selected liquid temperature:	20 °C					
	Density:	998.2 kg/m³					
	Technical: Pump speed on which pump dat Rated flow: Rated head:	30 l/min 36.7 m					
	Chambers:	8					
	Drainage back to tank:	N					
	Pump orientation:	Vertical					
	Code for shaft seal:	HUUV					
	Approvals:	CE,EAC					
	Curve tolerance:	ISO9906:2012 3B					
	Matariala						
	Materials:	Castiran					
	Pump head:	Cast iron EN 1561 EN-GJL-200					
I		ASTM A48-25B					
	Impeller:	Stainless steel					
		EN 1.4301					
		AISI 304					
	Installation						
	Installation:	c0 *C					
	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:	268 mm					
	Flange size for motor:	FT85					
	Electrical data:						
	Electrical data: Motor standard:	IEC					
1							
1	Motor type:	71B					
1	IE Efficiency class:	IE3					
1	Rated power - P2:	0.55 kW					

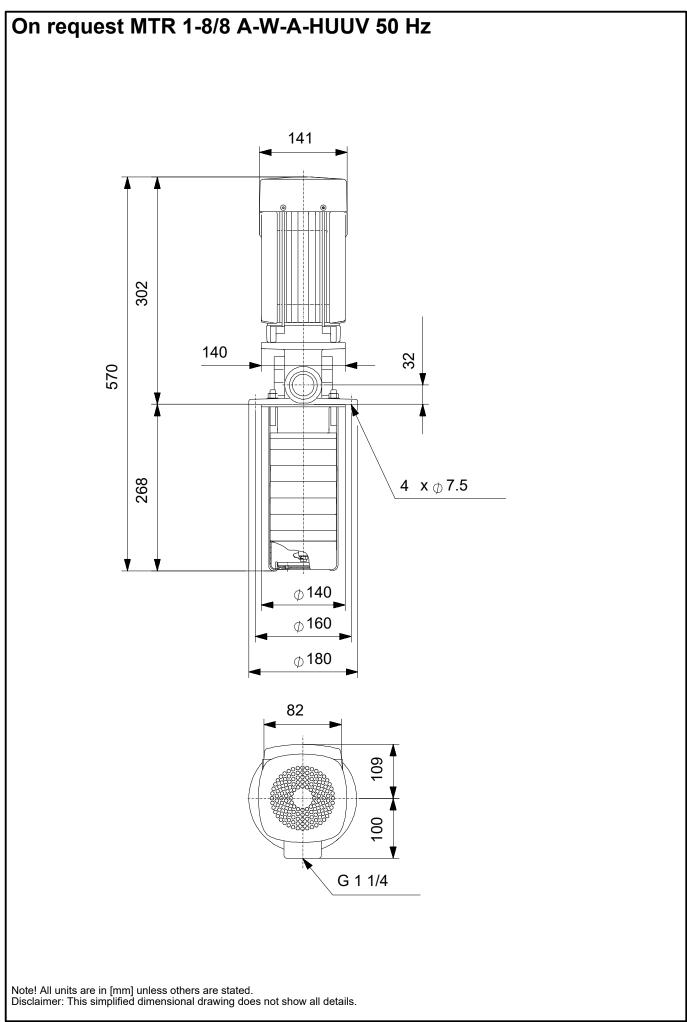
Qty.	Description	
1	Mains frequency: Suitable for 50/60 Hz: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load:	50 Hz N 3 x 220-240D/380-415Y V 2.50/1.44 A 580-620 % 0.80-0.70 2830-2850 rpm IE3 77,8% 77.8 %
	Motor efficiency at 1/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor No:	81.5 % 79.5 % 2 55 Dust/Jetting F 85805103
	Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight: Gross weight: Shipping volume: Danish VVS No.: Country of origin: Custom tariff no.:	6 0.70 12.5 kg 15.7 kg 0.052 m ³ 386961008 HU 84137075

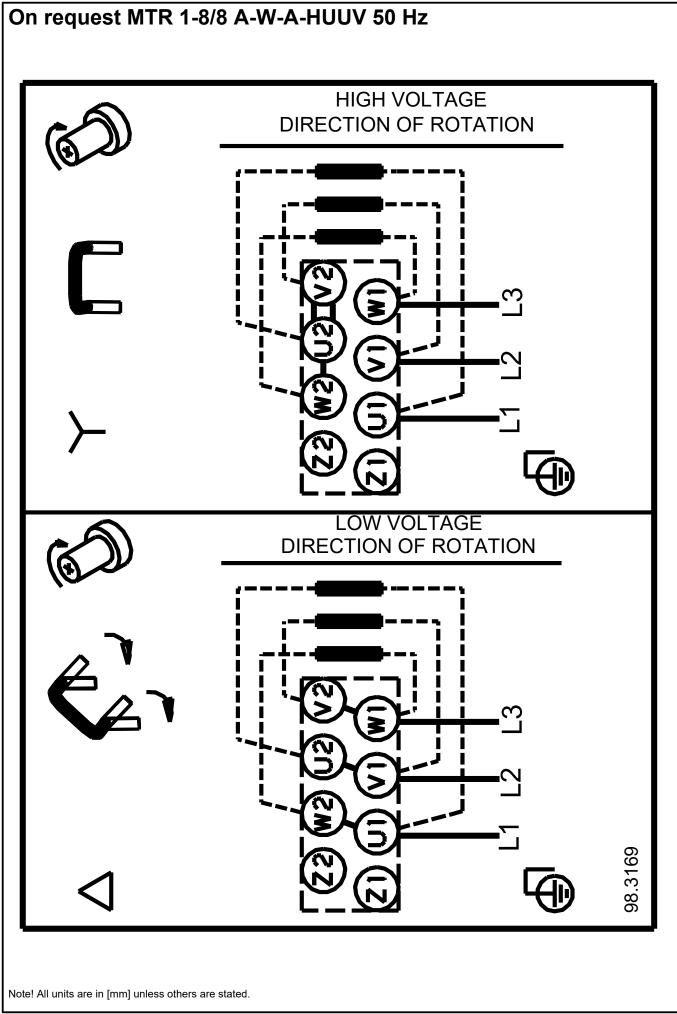


Printed from Grundfos Product Centre [2022.33.001]

Description	Value	H [m] MTR 1-8/8, 3*400 V, 50Hz eta [%]
General information:		Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	MTR 1-8/8	55 - Density = 998.2 kg/m ³
	A-W-A-HUUV	
Product No:	On request	50
EAN number:	On request	45 90
Technical:		
Pump speed on which pump data are based:	2856 rpm	40 - 80
Rated flow:	30 l/min	35 - 70
Rated head:	36.7 m	30 - 60
Chambers:	8	
Impellers:	8	25 50
Number of reduced-diameter impellers:	0	20 40
Drainage back to tank:	Ν	
Pump orientation:	Vertical	15 - 30
Code for shaft seal:	HUUV	10 20
Approvals:	CE,EAC	
Curve tolerance:	ISO9906:2012 3B	5 10
Pump version:	A	
Model:	A	0 5 10 15 20 25 30 35 Q [l/min]
Materials:		P [W] [m]
Pump head:	Cast iron	500 - P1 - 5
Pump head:	EN 1561 EN-GJL-200	
Pump head:	ASTM A48-25B	400 - 4
Impeller:	Stainless steel	P2
Impeller:	EN 1.4301	300 300
Impeller:	AISI 304	
Material code:	А	200 - 2
Installation:		100 1
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:	268 mm	
Flange size for motor:	FT85	33
Connect code:	W	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-10 90 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	- • • • • • • • • • • • • • • • • • • •
Electrical data:		• • • • • • • • • • • • • • • • • • •
Motor standard:	IEC	
Motor type:	71B	2
IE Efficiency class:	IE3	≊↓
Rated power - P2:	0.55 kW	G11/4
Mains frequency:	50 Hz	
Suitable for 50/60 Hz:	Ν	
Rated voltage:	3 x 220-240D/380-415Y V	HIGH VOLTAGE DIRECTION OF ROTATION
Rated current:	2.50/1.44 A	
Starting current:	580-620 %	
Cos phi - power factor:	0.80-0.70	
Rated speed:	2830-2850 rpm	
Efficiency:	IE3 77,8%	
Motor efficiency at full load:	77.8 %	
Motor efficiency at 3/4 load:	81.5 %	
Motor efficiency at 1/2 load:	79.5 %	
Number of poles:	2	· · · · · · · · · · · · · · · · · · ·
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Built-in motor protection:	NONE	
Motor No:	85805103	
······································		

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	12.5 kg
Gross weight:	15.7 kg
Shipping volume:	0.052 m³
Danish VVS No.:	386961008
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		MTR 1-8/8	1	On request	Price o reques	
					reques	