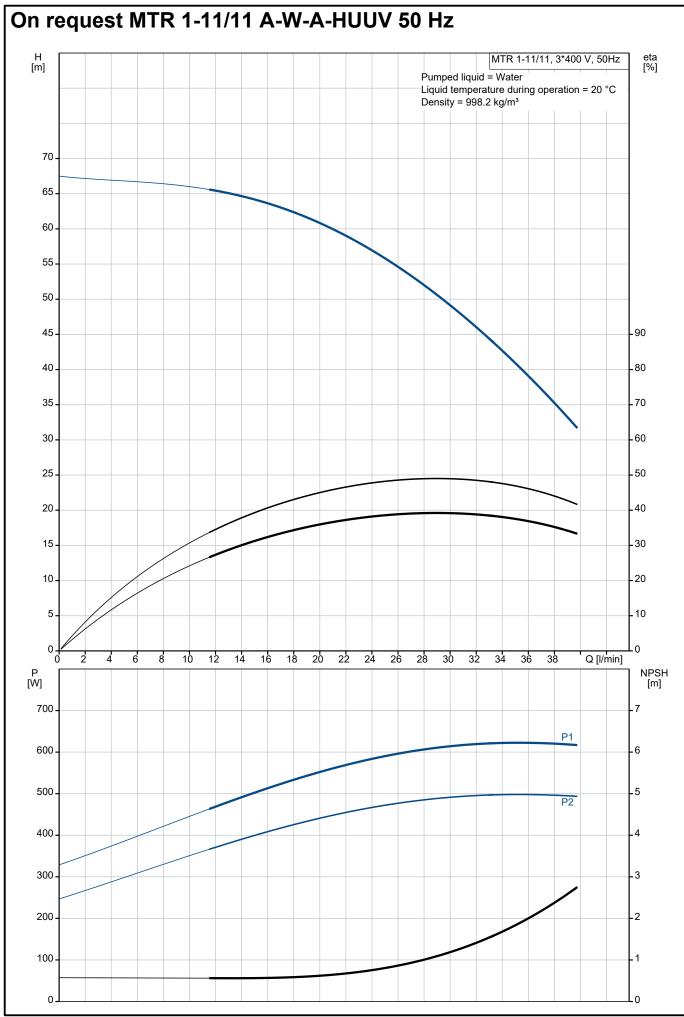
	Description						
1	Description MTR 1-11/11 A-W-A-HUUV						
-	Verme						
	LUEI						
	Product No.: On request						
	i loudor No On request						
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.						
	The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:						
	Binterierer 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, ian-cooled asynchrond						
	Controls:						
	Frequency converter:	NONE					
	Liquid:						
	Pumped liquid:	Water					
	Liquid temperature range:	-10 90 °C					
	Selected liquid temperature:	20 °C					
	Density:	998.2 kg/m³					
	, ,	Ŭ					
	Technical:						
	Pump speed on which pump dat	ta are based: 2856 rpm					
	Rated flow:	30 I/min					
	Rated head:	49.4 m					
	Chambers:	11					
	Drainage back to tank:	N					
	Pump orientation:	Vertical					
	Code for shaft seal:	HUUV					
	Approvals:						
	Curve tolerance:	ISO9906:2012 3B					
	Materials:						
	Pump head:	Cast iron					
		EN 1561 EN-GJL-200					
		ASTM A48-25B					
	Impeller:	Stainless steel					
	impellel.						
		EN 1.4301					
		EN 1.4301					
	Installation:	EN 1.4301					
		EN 1.4301					
	Installation: t max amb:	EN 1.4301 AISI 304					
	Installation: t max amb: Maximum operating pressure:	EN 1.4301 AISI 304 60 °C 25 bar					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection: Immersion depth:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm					
	Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch					
	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:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm					
	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: Electrical data:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm FT85					
	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: Electrical data: Motor standard:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm FT85					
	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: Electrical data: Motor standard: Motor type:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm FT85					
	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: Electrical data: Motor standard:	EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 322 mm FT85					

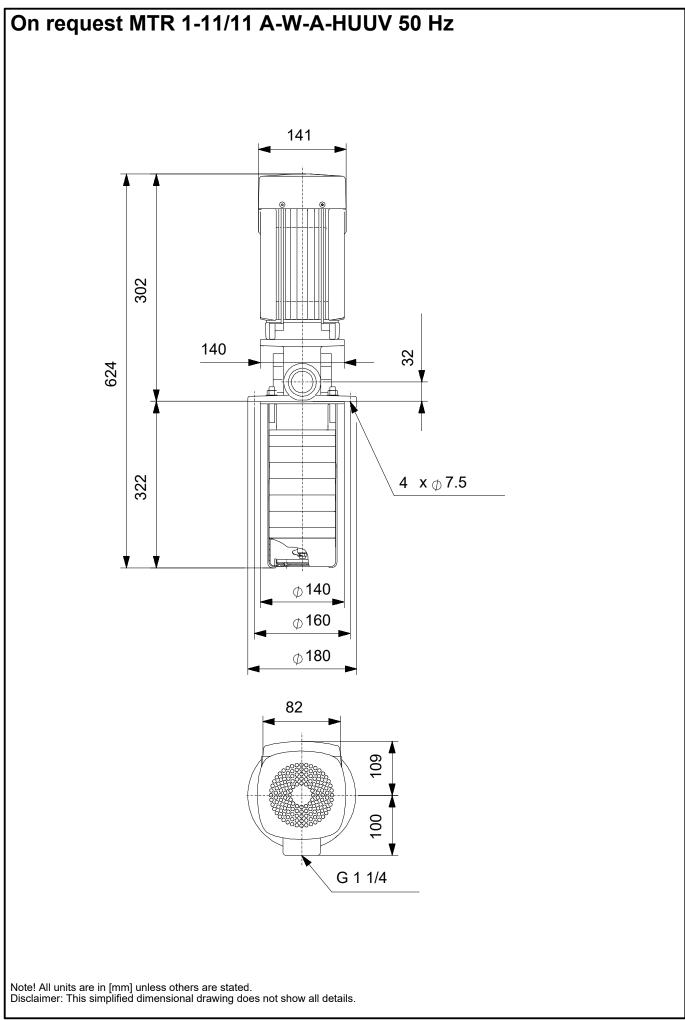
Mains frequency: Suitable for 50/60 Hz: Rated voltage:	50 Hz N
Rated current:	3 x 220-240D/380-415Y V 2.50/1.44 A
Starting current: Cos phi - power factor:	580-620 % 0.80-0.70
Rated speed: Efficiency: Motor efficiency at full load:	2830-2850 rpm IE3 77,8% 77.8 %
Motor efficiency at 3/4 load: Motor efficiency at 1/2 load:	81.5 % 79.5 %
Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85):	2 55 Dust/Jetting F
Motor No:	85805103
Others: Terminal box position: Minimum efficiency index, MEI ≥: Net weight:	6 0.70 12.6 kg
Gross weight: Shipping volume: Danish VVS No.:	15.3 kg 0.061 m ³ 386961011
Country of origin: Custom tariff no.:	HU 84137075

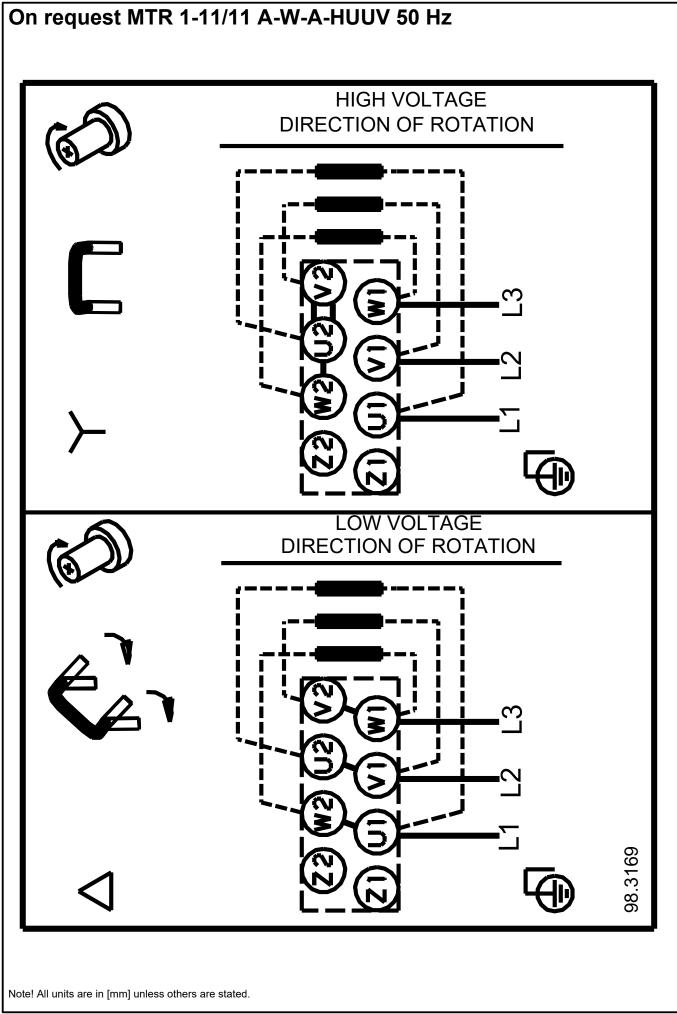


Description	Value	H [m] MTR 1-11/11, 3*400 V, 50Hz eta [%]
General information:		Pumped liquid = Water
Product name:	MTR 1-11/11	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³
	A-W-A-HUUV	70
Product No:	On request	65
EAN number:	On request	60 -
Technical:	-	
Pump speed on which pump data are	2856 rpm	55
based:	2000 1011	50 -
Rated flow:	30 l/min	45 - 90
Rated head:	49.4 m	40 - 80
Chambers:	11	35 70
Impellers:	11	
Number of reduced-diameter impellers:	0	30 - 60
Drainage back to tank:	N	25 50
Pump orientation:	Vertical	20 40
Code for shaft seal:	HUUV	15
Approvals:	CE,EAC	
Curve tolerance:	ISO9906:2012 3B	10 - 20
		5
Pump version: Model:	A	
	A	0 5 10 15 20 25 30 35 Q [l/min] P
Materials:	Opent iner	P [W] [W]
Pump head:	Cast iron	— P1
Pump head:	EN 1561 EN-GJL-200	600 - 6
Pump head:	ASTM A48-25B	500 - 5
Impeller:	Stainless steel	P2
Impeller:	EN 1.4301	400 - 4
mpeller:	AISI 304	300 - 3
Material code:	A	2002
Installation:		
t max amb:	60 °C	100-1
Maximum operating pressure:	25 bar	0
Max pressure at stated temp:	25 bar / 90 °C	—
Type of connection:	G internal thread	-1
Size of outlet connection:	1 1/4 inch	
Immersion depth:	322 mm	
Flange size for motor:	FT85	
Connect code:	W	
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-10 90 °C	₩ ₩ ₩ 4 x 0 7.5
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m ³	
Electrical data:	500.2 Ng/III	0 180 0
Electrical data: Motor standard:	IEC	82
Motor type:	71B	
E Efficiency class:	IE3	<u>s</u>
Rated power - P2:	0.55 kW	G 1 1/4
Mains frequency:	50 Hz	
Suitable for 50/60 Hz:	Ν	
Rated voltage:	3 x 220-240D/380-415Y	HIGH VOLTAGE DIRECTION OF ROTATION
	V	
Rated current:	2.50/1.44 A	
Starting current:	580-620 %	
Cos phi - power factor:	0.80-0.70	
Rated speed:	2830-2850 rpm	╴╷ ੑੑੑੑੑੑੑੑੑੑ [ੑ] ੑੑੑੑ <u></u>
Efficiency:	IE3 77,8%	
Notor efficiency at full load:	77.8 %	
Notor efficiency at 3/4 load:	81.5 %	
Notor 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	
Controls:		

Printed from Grundfos Product Centre [2022.33.001]

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	12.6 kg
Gross weight:	15.3 kg
Shipping volume:	0.061 m³
Danish VVS No.:	386961011
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		MTR 1-11/11	1	On request	Price or reques	
					reques	