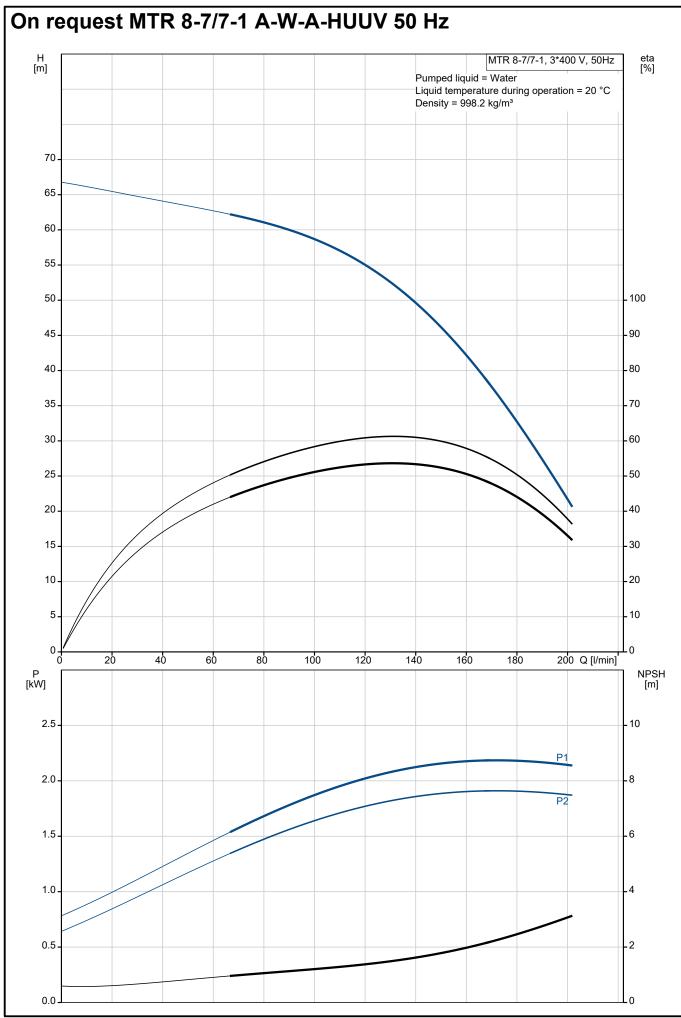
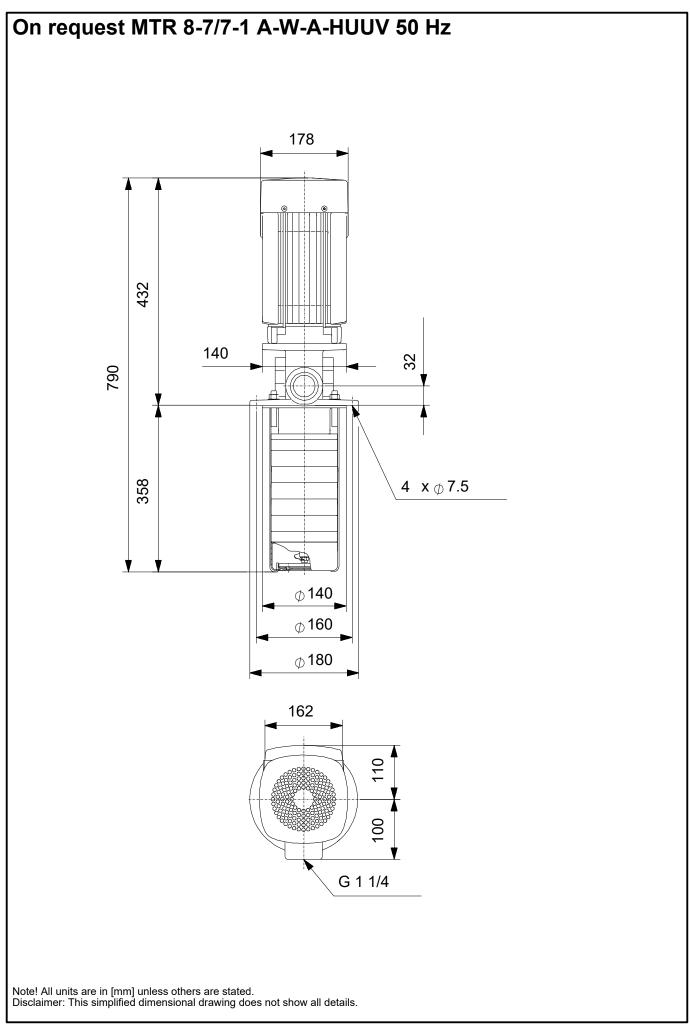
<u> </u>	Description					
	MTR 8-7/7-1 A-W-A-HUUV					
	Yerea					
	LIEF					
	Product No.: On request					
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.					
	The pump head and base are in	cast iron – all other wetted parts are in stainless steel. The pump has the following				
	characteristics:					
	Dimensions according to DIN 5440.					
		hambers and spline shaft are made of Stainless steel.				
	 Mechanical shaft seal ac 					
		sintered metal split coupling.				
	A cartridge shaft seal ensures h 3-phase, fan-cooled asynchrond	igh reliability, safe handling, and easy access and service. The pump is fitted with a				
	Controls:					
	Frequency converter:	NONE				
	Lieuride					
	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	ta are based: 2900 rpm				
	Rated flow:					
		133 l/min 52.2 m				
	Rated head:	52.2 m				
	Rated head: Chambers:	52.2 m 7				
	Rated head: Chambers: Drainage back to tank:	52.2 m 7 N				
	Rated head: Chambers: Drainage back to tank: Pump orientation:	52.2 m 7 N Vertical				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal:	52.2 m 7 N Vertical HUUV				
	Rated head: Chambers: Drainage back to tank: Pump orientation:	52.2 m 7 N Vertical				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal:	52.2 m 7 N Vertical HUUV				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance:	52.2 m 7 N Vertical HUUV CE,EAC				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 $60 ^{\circ}C$ 25 bar				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure: Max pressure at stated temp:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection: Immersion depth:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of outlet connection:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: 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:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: 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:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm FT115				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: 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:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm FT115				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: 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:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm FT115 IEC 90LE				
	Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: 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:	52.2 m 7 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301 AISI 304 60 °C 25 bar 25 bar / 90 °C G internal thread 1 1/4 inch 358 mm FT115				

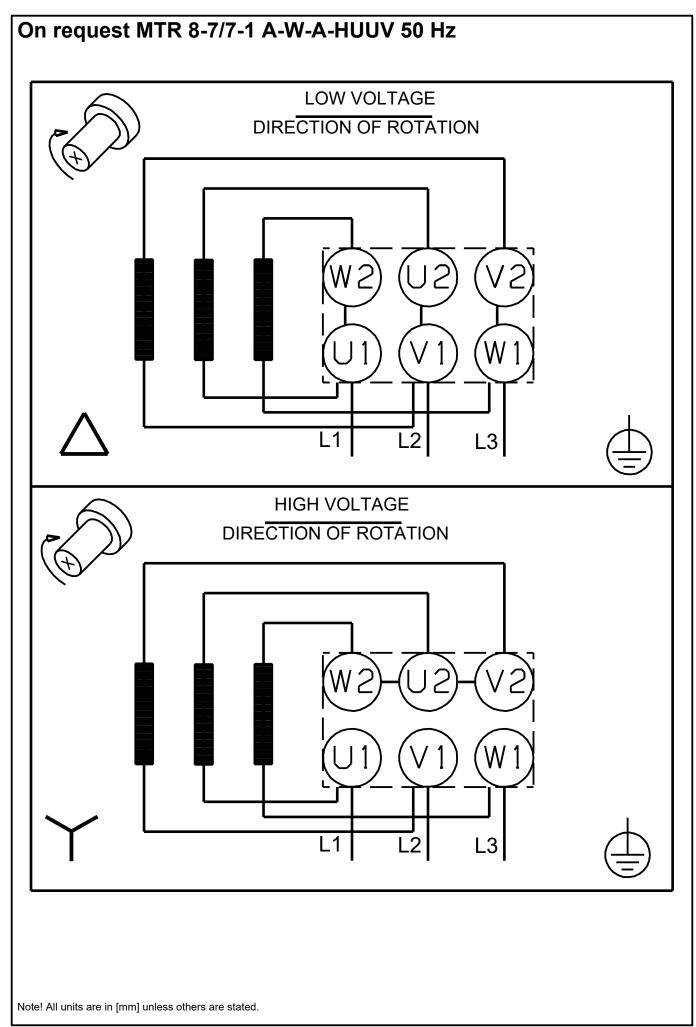
y.	Description	
1	Mains frequency:	50 Hz
	Suitable for 50/60 Hz:	Ν
	Rated voltage:	3 x 380-415D V
	Rated current:	4.65 A
	Starting current:	840-920 %
	Cos phi - power factor:	0.86-0.80
	Rated speed:	2890-2910 rpm
	Efficiency:	IE3 85,9%
	Motor efficiency at full load:	85.9-85.9 %
	Motor efficiency at 3/4 load:	88.2 %
	Motor efficiency at 1/2 load:	88.0 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U11908
		00011900
	Others:	
	Terminal box position:	6
	Minimum efficiency index, MEI ≥:	
	Net weight:	31.7 kg
	Gross weight:	35.3 kg
	Shipping volume:	0.077 m ³
	Country of origin:	HU
	Custom tariff no.:	84137075
		04137073



Description	Value	H [m]	MTR 8-7/7-1, 3*400 V, 50Hz	eta [%]
General information:	Value		Pumped liquid = Water	[,•]
Product name:	MTR 8-7/7-1 A-W-A-HUUV		Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³	
Product No:	On request	70 - 65 -		
EAN number:	On request			
Technical:	Onrequest	60 -		
		55 -		
Pump speed on which pump data are based:	2900 rpm	50 -		- 100
Rated flow:	133 l/min	45 -		- 90
Rated head:	52.2 m	40 -		- 80
Chambers:	7	35 -		-70
Impellers:	7			-
Number of reduced-diameter impellers:	1	30 -		- 60
Drainage back to tank:	Ν	25 -		- 50
Pump orientation:	Vertical	20 -		- 40
Code for shaft seal:	HUUV	15 -	N N	_ 30
Approvals:	CE,EAC	10 -		_ 20
Curve tolerance:	ISO9906:2012 3B			
Pump version:	A	5 -		- 10
Model:	A	0-	0 50 100 150 Q.[//min]	Lo
Materials:	n		50 100 150 Q [//min]	NPSH
Pump head:	Cast iron	P [kW]		[m]
Pump head:	EN 1561 EN-GJL-200	2.5 -		- 10
•			P1	
Pump head:	ASTM A48-25B	2.0 -	70	- 8
Impeller:	Stainless steel	1.5 -	P2	-6
Impeller:	EN 1.4301	- C.1		-0
Impeller:	AISI 304	1.0 -		_4
Material code:	А			
Installation:		0.5		-2
t max amb:	60 °C			
Maximum operating pressure:	25 bar	0.0		Lo
Max pressure at stated temp:	25 bar / 90 °C			
Type of connection:	G internal thread		. 178	
Size of outlet connection:	1 1/4 inch			
Immersion depth:	358 mm			
Flange size for motor:	FT115	432		
Connect code:	W			
Liquid:		290		
Pumped liquid:	Water			
Liquid temperature range:	-10 90 °C	358	<u>4 × 07.5</u>	
Selected liquid temperature:	20 °C	-		
Density:	998.2 kg/m³		• • 140 • 160	
Electrical data:			• • • • • • • • • • • • • • • • • • •	
Motor standard:	IEC		H <mark>■ 162 →</mark>	
Motor type:	90LE			
IE Efficiency class:	IE3			
Rated power - P2:	2.2 kW			
Mains frequency:	50 Hz			
Suitable for 50/60 Hz:	N			
Rated voltage:	3 x 380-415D V			
Rated current:	4.65 A		DIRECTION OF ROTATION	
Starting current:	840-920 %	- ``		
Cos phi - power factor:	0.86-0.80	-		
Rated speed:	2890-2910 rpm	_		
Efficiency:	IE3 85,9%	_		
Enciency: Motor efficiency at full load:	85.9-85.9 %	_ _		
-		_ ∆ [∟]		
Motor efficiency at 3/4 load:	88.2 %		HIGH VOLTAGE	
Motor efficiency at 1/2 load:	88.0 %		DIRECTION OF ROTATION	
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Built-in motor protection:	NONE			
Motor No:	85U11908	- ■		
Controls:				

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	31.7 kg
Gross weight:	35.3 kg
Shipping volume:	0.077 m³
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		MTR 8-7/7-1	1	On request	Price or reques	
					reques	