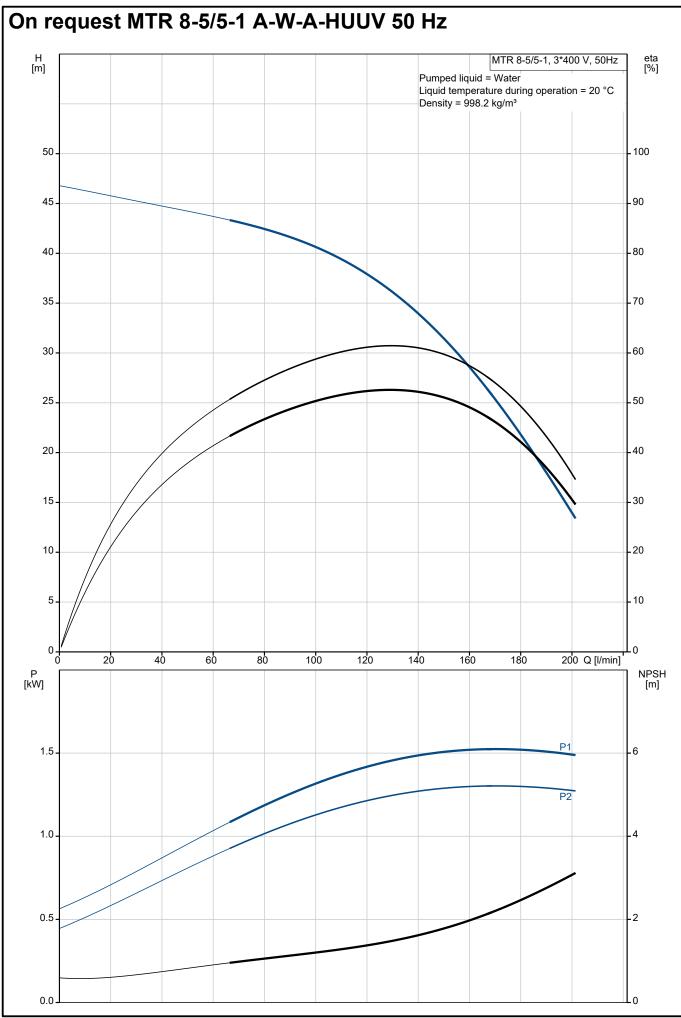
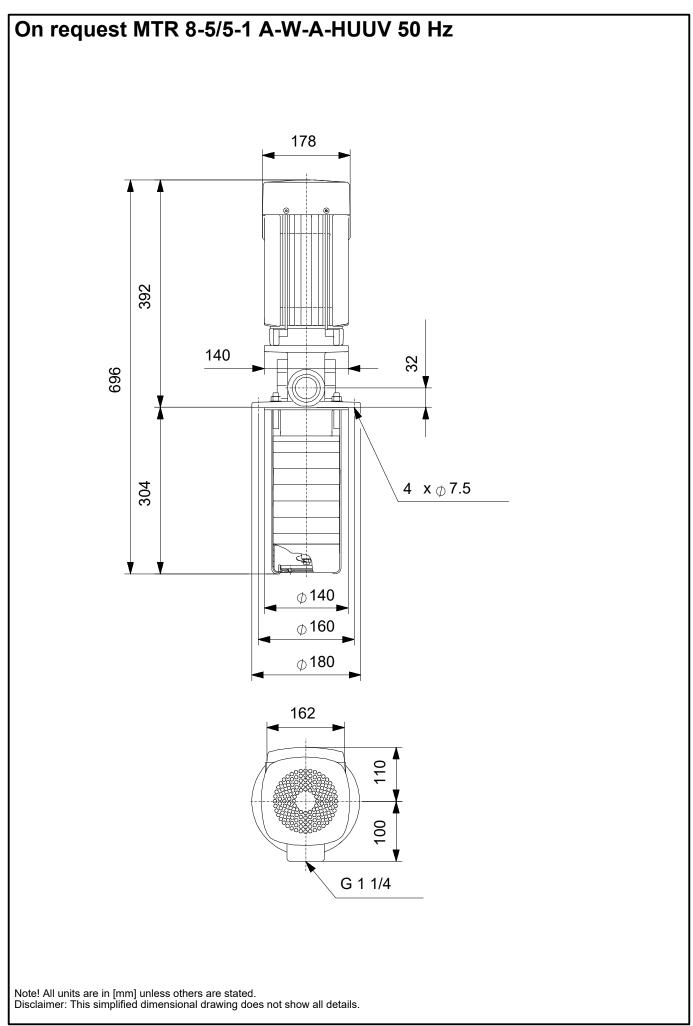
	Description					
1	Description MTR 8-5/5-1 A-W-A-HUUV					
	and the second se					
	Product No · Op request					
	Product No.: On request					
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.					
	The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:					
	 Dimensions according to 	DIN 5440.				
	 Impellers, intermediate c 	hambers and spline shaft are made of Stainless steel.				
	 Mechanical shaft seal according to EN 12756. 					
		sintered metal split coupling. igh reliability, safe handling, and easy access and service. The pump is fitted with a				
	3-phase, fan-cooled asynchrono	bus motor.				
	Controls:					
	Frequency converter:	NONE				
	Liquid					
	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 da	ta are based: 2900 rpm				
	Rated flow:	133 l/min				
	Rated head:	2E m				
		35 m				
	Chambers:	5				
	Chambers: Drainage back to tank:	5 N				
	Chambers: Drainage back to tank: Pump orientation:	5 N Vertical				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal:	5 N Vertical HUUV				
	Chambers: Drainage back to tank: Pump orientation:	5 N Vertical				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance:	5 N Vertical HUUV CE,EAC				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials:	5 N Vertical HUUV CE,EAC				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance:	5 N Vertical HUUV CE,EAC ISO9906:2012 3B				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	5 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials:	5 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	5 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel EN 1.4301				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head:	5 N Vertical HUUV CE,EAC ISO9906:2012 3B Cast iron EN 1561 EN-GJL-200 ASTM A48-25B Stainless steel				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation:	5 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				
	Chambers: Drainage back to tank: Pump orientation: Code for shaft seal: Approvals: Curve tolerance: Materials: Pump head: Impeller: Installation: t max amb:	5 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				
	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:	5 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				
	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:	5 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				
	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:	5 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				
	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:	5 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				
	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:	5 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				
	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:	5 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 304 mm				
	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:	5 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 304 mm				
	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:	5 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 304 mm FT115				
	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:	5 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 304 mm FT115				

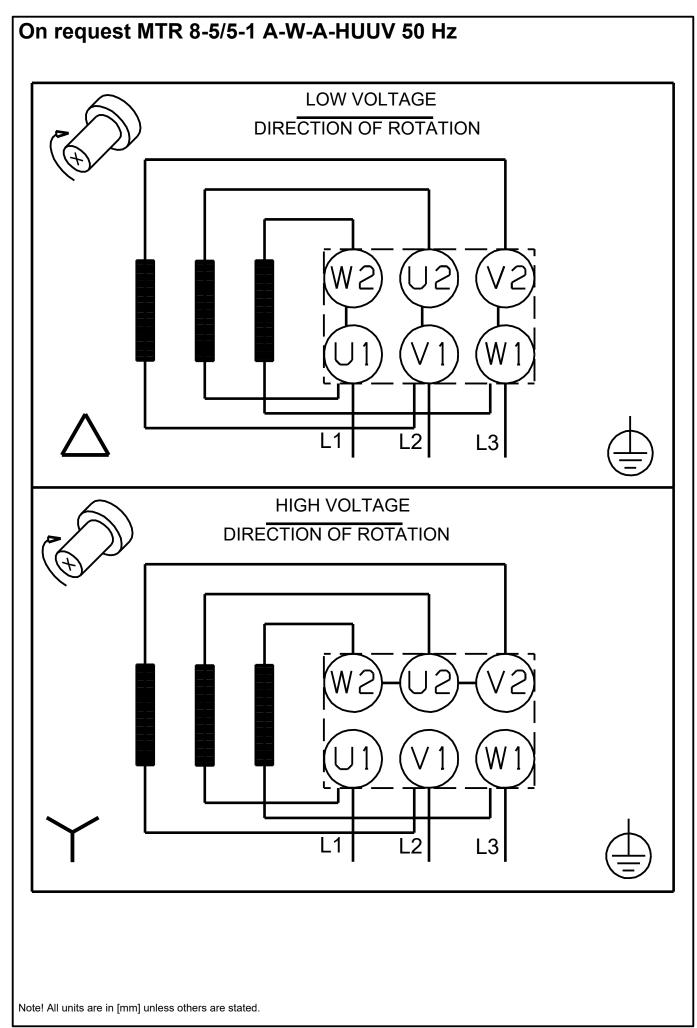
Description	
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	5.70/3.30 A
Starting current:	750-820 %
Cos phi - power factor:	0.84-0.78
Rated speed:	2890-2910 rpm
Efficiency:	IE3 84,2%
Motor efficiency at full load:	84.2-84.2 %
Motor efficiency at 3/4 load:	86.4 %
Motor efficiency at 1/2 load:	86.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor No:	85U01906
Others:	
Terminal box position:	6
Minimum efficiency index, MEI	≥: 0.70
Net weight:	27.8 kg
Gross weight:	30.5 kg
Shipping volume:	0.061 m ³
Country of origin:	HU
Custom tariff no.:	84137075



Description	Value	H [m]	MTR 8-5/5-1, 3*400 V, 50Hz	eta [%]
General information:	Value		Pumped liquid = Water	
Product name:	MTR 8-5/5-1 A-W-A-HUUV	50 -	Liquid temperature during operation = 20 °C Density = 998.2 kg/m ³	100
Product No:	On request	45 -		- 90
EAN number:	On request	43 -		- 30
Technical:	•	40 -		- 80
Pump speed on which pump data are based:	2900 rpm	35 -		- 70
Rated flow:	133 l/min	_		
Rated head:	35 m	30 -		- 60
Chambers:	5	25 -		- 50
Impellers:	5			- 50
Number of reduced-diameter impellers:	1	20 -		- 40
Drainage back to tank:	N	_		
Pump orientation:	Vertical	15 -		- 30
Code for shaft seal:	HUUV	- 10		20
Approvals:	CE,EAC	10 -		- 20
Curve tolerance:	ISO9906:2012 3B	5 -		10
Pump version:	A	- //		
Model:	A	0 <u>¥</u>	50 100 150 Q [l/min]	Lo
Materials:	17	- р Г	50 100 150 Q [l/min]	NPSH
Pump head:	Cast iron	P [kW]		[m]
Pump head:	EN 1561 EN-GJL-200	_	P1	
Pump head:	ASTM A48-25B	1.5 -		-6
Impeller:	Stainless steel	_	P2	
Impeller:	EN 1.4301	1.0		4
	AISI 304			
Impeller: Material code:	A A	_		
Installation:	A	0.5		-2
	60 °C	_		
t max amb:	25 bar			
Maximum operating pressure:	25 bar / 90 °C	0.0		Lo
Max pressure at stated temp: Type of connection:	G internal thread	-1		
Size of outlet connection:	1 1/4 inch	_	178	
	304 mm	- 1		
Immersion depth:		_		
Flange size for motor: Connect code:	FT115 W	392		
Liquid:	VV	- 969		
Pumped liquid:	Water	- -		
Liquid temperature range:	-10 90 °C	304	4 × ©7.5	
Selected liquid temperature:	20 °C	_		
Density:	998.2 kg/m ³		0 140	
Electrical data:	990.2 kg/m		• • • 160 • • • • • • • • • • • • • • • • • • •	
Motor standard:	IEC		. 162	
Motor type:	90SD			
IE Efficiency class:	IE3			
Rated power - P2:	1.5 kW			
Mains frequency:	50 Hz		<u>GT1/4</u>	
Suitable for 50/60 Hz:	SU HZ			
	3 x 220-240D/380-415Y		LOW VOLTAGE	
Rated voltage:	V	6 D		
Rated current:	5.70/3.30 A			
Starting current:	750-820 %	_ 🔳		
Cos phi - power factor:	0.84-0.78			
Rated speed:	2890-2910 rpm	_ 🛛 🛡		
Efficiency:	IE3 84,2%			
Motor efficiency at full load:	84.2-84.2 %			
Motor efficiency at 3/4 load:	86.4 %	6	HIGH VOLTAGE DIRECTION OF ROTATION	
Motor efficiency at 1/2 load:	86.0 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Built-in motor protection:	NONE	- ■		
Motor No:	85U01906			
Controls:				

Description	Value
Frequency converter:	NONE
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	27.8 kg
Gross weight:	30.5 kg
Shipping volume:	0.061 m³
Country of origin:	HU
Custom tariff no.:	84137075





Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total	
		MTR 8-5/5-1	1	On request	Price o reques	
					reques	