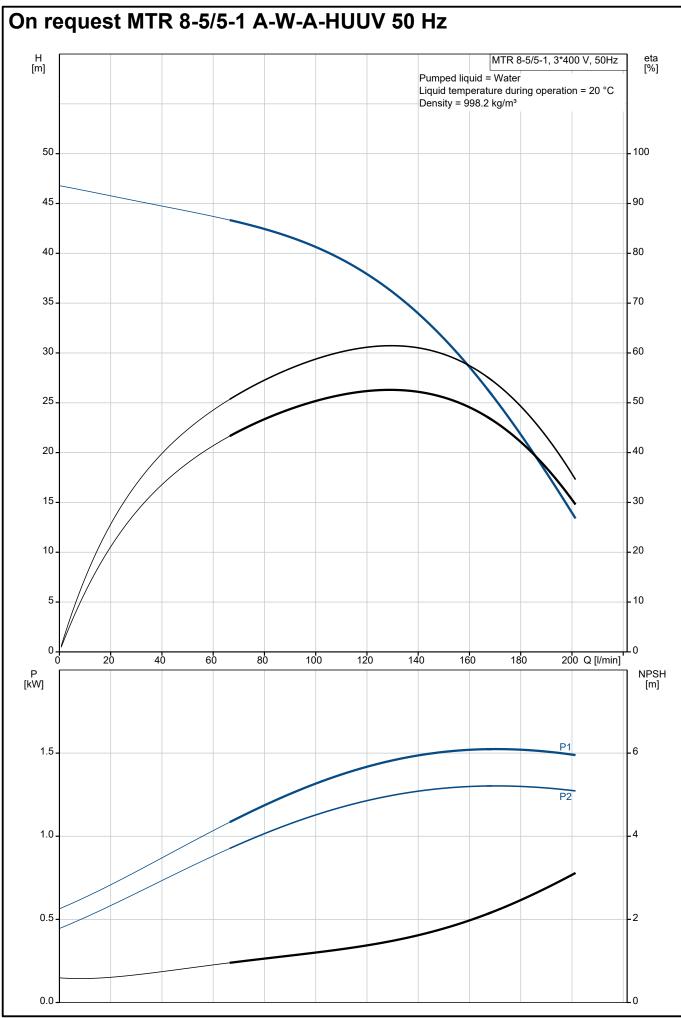
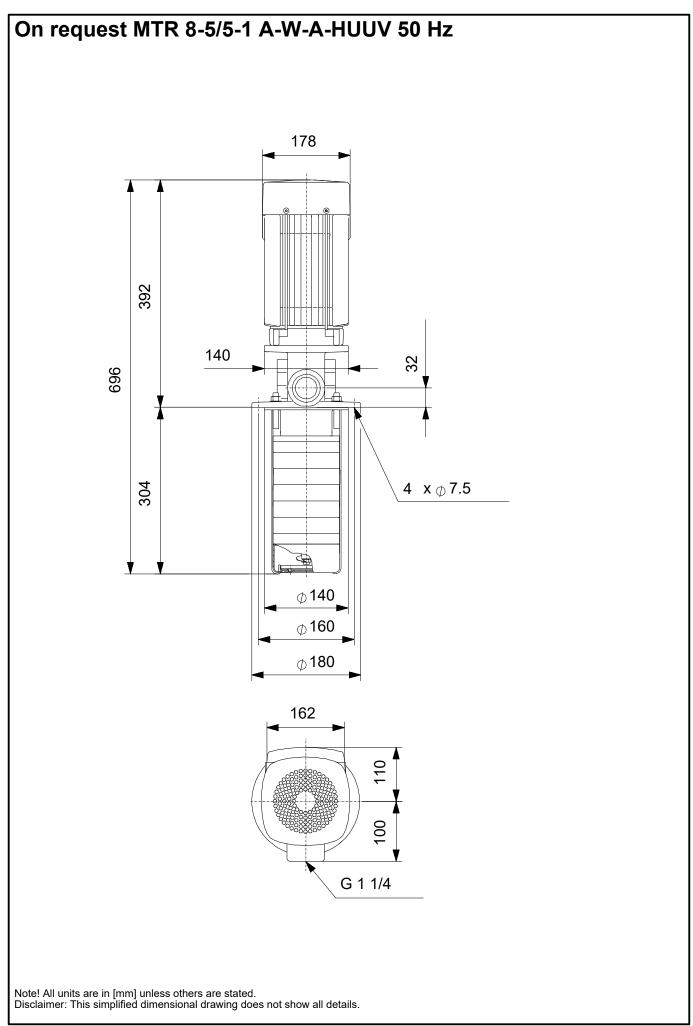
	Description					
1	Description MTR 8-5/5-1 A-W-A-HUUV					
	and the second se					
	Product No · Op request					
	Product No.: On request					
	Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.					
	The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:					
	<ul> <li>Dimensions according to</li> </ul>	DIN 5440.				
	<ul> <li>Impellers, intermediate c</li> </ul>	hambers and spline shaft are made of Stainless steel.				
	<ul> <li>Mechanical shaft seal according to EN 12756.</li> </ul>					
		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				

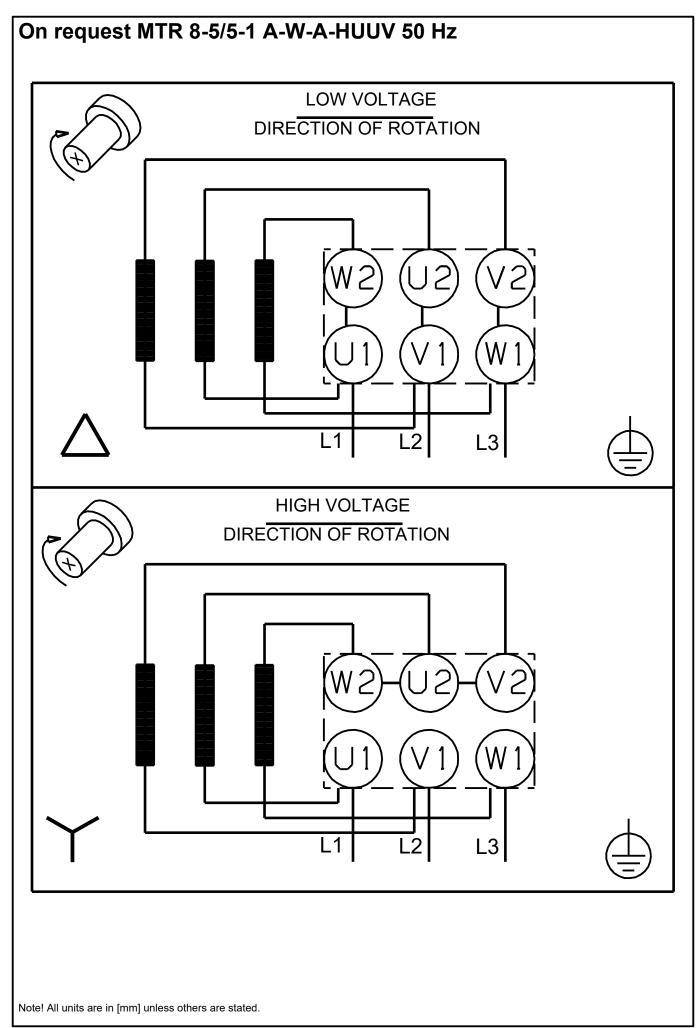
Description	
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	5.70/3.30 A
Starting current:	750-820 %
Cos phi - power factor:	0.84-0.78
Rated speed:	2890-2910 rpm
Efficiency:	IE3 84,2%
Motor efficiency at full load:	84.2-84.2 %
Motor efficiency at 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 <sup>3</sup>
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 <sup>3</sup>	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 <sup>3</sup>		<b>0</b> 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	