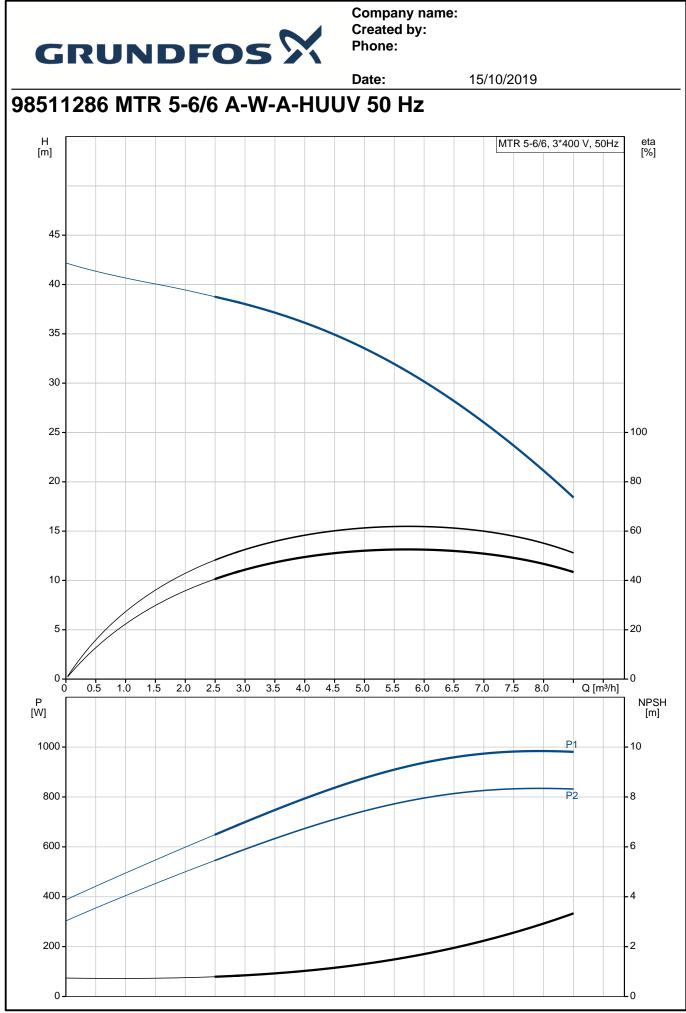
	GRUNDF	osX	Company n Created by: Phone:		
			Date:	15/10/2019	
у.	Description				
	MTR 5-6/6 A-W-A-HUUV				
	Product No.: 98511286	Note! Product pictur	e may differ from a	ctual product	
	Multistage, immersible, self-prir The pump head and base are in The pump has the following cha Installation length accord Impellers, intermediate of Mechanical shaft seal ac Power transmission via	n cast iron – all other aracteristics: ding to DIN 5440. chambers and spline s ccording to EN 12756.	wetted parts are shaft are made o	in stainless steel.	
	A cartridge shaft seal ensures h The pump is fitted with a 3-pha Controls:			v access and service.	
	The pump is fitted with a 3-pha			v access and service.	
	The pump is fitted with a 3-pha Controls:	NONE Water -10 90 °C 20 °C	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid temperature	NONE Water -10 90 °C 20 °C	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid temperature: Pump speed on which pump da Rated flow:	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m³ ata are based: 2853 5.8 m³/h	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid temperature: Density at selected liquid temperature: Pump speed on which pump da Rated flow: Rated head: Chambers: Drainage back to tank: Pump orientation:	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m ³ ata are based: 2853 5.8 m ³ /h 31.4 m 6 N Vertical	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liqui	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m ³ ata are based: 2853 5.8 m ³ /h 31.4 m 6 N	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid temperature: Density at selected liquid temperature: Pump speed on which pump da Rated flow: Rated head: Chambers: Drainage back to tank: Pump orientation: Code for shaft seal:	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m ³ ata are based: 2853 5.8 m ³ /h 31.4 m 6 N Vertical HUUV	aronous motor.	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liqui	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m ³ ata are based: 2853 5.8 m ³ /h 31.4 m 6 N Vertical HUUV ISO9906:2012 3B Cast iron EN 1561 EN-GJL-2 ASTM A48-25B	rpm	v access and service.	
	The pump is fitted with a 3-pha Controls: Frequency converter: Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liqui	NONE Water -10 90 °C 20 °C erature: 998.2 kg/m ³ ata are based: 2853 5.8 m ³ /h 31.4 m 6 N Vertical HUUV ISO9906:2012 3B Cast iron EN 1561 EN-GJL-2	rpm	v access and service.	



Company name: Created by: Phone:

		Date:	15/10/2019
-	scription		
	ximum operating pressure:	25 bar	
	x pressure at stated temp:	25 bar / 90 °C	
	be of connection:	G	
	e of outlet connection:	1 1/4 inch	
	mersion depth:	277 mm	
Fla	nge size for motor:	FT100	
Ele	ectrical data:		
Mo	tor standard:	IEC	
Mo	tor type:	80C	
	Efficiency class:	IE3	
	ted power - P2:	1.1 kW	
	ins frequency:	50 Hz	
	ted voltage:	3 x 220-240D/380-415Y V	
	ted current:	4.35/2.50 A	
	irting current:	450-500 %	
	s phi - power factor:	0.83-0.76	
	ted speed:	2840-2870 rpm	
	ciency:	IE3 82,7%	
	tor efficiency at full load:	82.7 %	
	tor efficiency at 3/4 load:	84.6 %	
	tor efficiency at 1/2 load:	85.4 %	
	mber of poles:	2	
	closure class (IEC 34-5):	55 Dust/Jetting	
	ulation class (IEC 85):	F	
Мо	tor No:	85U05105	
Otł	ners:		
	minal box position:	6	
	nimum efficiency index, MEI		
	t weight:	17.1 kg	
	oss weight:	20.5 kg	
	pping volume:	0.06 m ³	
	untry of origin:	HU 04407075	
Cu	stom tariff no.:	84137075	



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Company name: Created by: Phone:

		Date:	15/10/2019
Description	Value	H [m]	MTR 5-6/6, 3*400 V, 50Hz eta [%]
General information:			
Product name:	MTR 5-6/6 A-W-A-HUUV	45 -	
Product No:	98511286	-	
EAN number:	5711496360664	40 -	
	5711496360664	35 -	
Price:	1.063,00 GBP		
Technical:		30 -	+ + + + + + + + + + + + + + + + + + +
Pump speed on which pump data are based:	2853 rpm	25 -	100
Rated flow:	5.8 m³/h	20 -	80
Rated head:	31.4 m	20 -	
Chambers:	6	15 -	60
Impellers:	6	_	
Number of reduced-diameter impellers:	0	10 -	40
Drainage back to tank:	Ν	5 -	-20
Pump orientation:	Vertical	°1//	
Code for shaft seal:	HUUV	0 /	
Curve tolerance:	ISO9906:2012 3B	P	1 2 3 4 5 6 7 Q [m ³ /h]
Pump version:	Α	P [W]	[m]
Model:	А	1000 -	P1 10
Materials:		800 -	P2 8
Pump head:	Cast iron	300 7	P2 °
	EN 1561 EN-GJL-200	600 -	6
	ASTM A48-25B		
Impeller:	Stainless steel	400 -	4
	EN 1.4301	200 -	2
	AISI 304	_	
Material code:	А		
Installation:	00.00		
Maximum ambient temperature:	60 °C		
Maximum operating pressure:	25 bar	- 1	
Max pressure at stated temp:	25 bar / 90 °C	22	
Type of connection:	G	140	
Size of outlet connection:	1 1/4 inch		
Immersion depth:	277 mm	- 6	
Flange size for motor:	FT100	- 3	
Connect code:	W	- **	
Liquid:	\\/c+~-	-	
Pumped liquid:	Water	-	
Liquid temperature range:	-10 90 °C	- /	
Selected liquid temperature:	20 °C	-	
Density at selected liquid temperature:	998.2 kg/m ³		<u>6 1 1/4</u>
Electrical data:			
Motor standard:	IEC		HIGH VOLTAGE
Motor type:	80C	- 60 -	
IE Efficiency class:	IE3	-	
Rated power - P2:	1.1 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y V	_ _	
Rated current:	4.35/2.50 A	- ´	<u>®</u> <u>a</u> •
Starting current:	450-500 %	62 -	LOW VOLTAGE DIRECTION OF ROTATION
Cos phi - power factor:	0.83-0.76	_	
Rated speed:	2840-2870 rpm	E	
Efficiency:	IE3 82,7%	ר 🖌	
Motor efficiency at full load:	82.7 %	_ ``	
Motor efficiency at 3/4 load:	84.6 %	- [
Motor efficiency at 1/2 load:	85.4 %		

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Company name: Created by: Phone:

		Date:	
Description	Value		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85U05105		
Controls:			
Frequency converter:	NONE		
Others:			
Terminal box position:	6		
Minimum efficiency index, MEI :	0.57		
Net weight:	17.1 kg		
Gross weight:	20.5 kg		
Shipping volume:	0.06 m ³		
Country of origin:	HU		
Custom tariff no.:	84137075		

