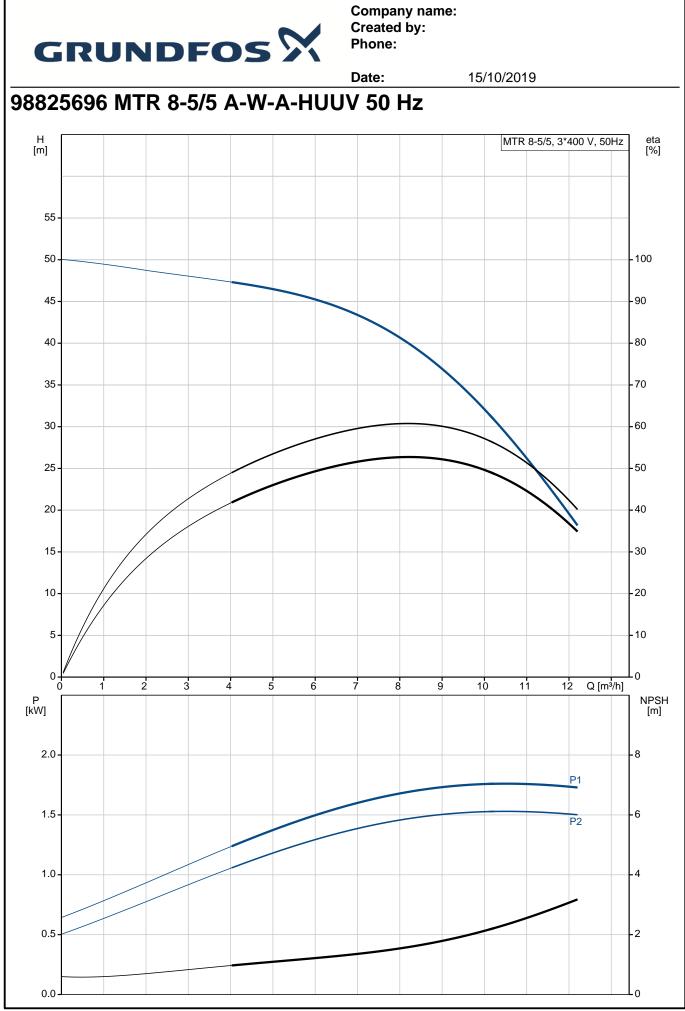
	GRUNDFOS Company name: Created by: Phone:					
			Date:	15/10/2019		
lty.	Description					
1	MTR 8-5/5 A-W-A-HUUV					
	Product No.: 98825696					
	Multistage, immersible, self-prim The pump head and base are in The pump has the following chan Installation length accordi Impellers, intermediate ch Mechanical shaft seal acco Power transmission via ca A cartridge shaft seal ensures hi The pump is fitted with a 3-phase	cast iron – all othe acteristics: ng to DIN 5440. ambers and spline cording to EN 1275 ast-iron split couplir gh reliability, safe h	r wetted parts are shaft are made of 6. ng. nandling, and eas	e in stainless steel. of Stainless steel.		
	Controls: Frequency converter:	NONE				
	Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid temper	Water -10 90 °C 20 °C ature: 998.2 kg/m	13			
	Technical: Pump speed on which pump dat	a are based: 2900) rpm			
	Rated flow:	8 m³/h				
	Rated head:	39.6 m				
	Chambers: Drainage back to tank:	5 N				
	Pump orientation:	Vertical				
	Code for shaft seal:	HUUV				
	Curve tolerance:	ISO9906:2012 3B				
	Materials:					
	Pump head:	Cast iron EN 1561 EN-GJL- ASTM A48-25B	200			
	Impeller:	Stainless steel EN 1.4301 AISI 304				
	Installation:					
	Maximum ambient temperature:	60 °C				
	Maximum operating pressure:	25 bar				
	Max pressure at stated temp:	25 bar / 90 °C				
	Type of connection:	G				
	Size of outlet connection:	1 1/4 inch				



Company name: Created by: Phone:

		Date:	15/10/2019	
Description				
Immersion depth:	304 mm			
Flange size for moto	r: FT115			
Electrical data:				
Motor standard:	IEC			
Motor type:	90LC			
IE Efficiency class:	IE3			
Rated power - P2:	2.2 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 380-415	DV		
Rated current:	4.45 A			
Starting current:	850-950 %			
Cos phi - power facto				
Rated speed:	2890-2910 r	ma		
Efficiency:	IE3 85,9%	P		
Motor efficiency at fu				
Motor efficiency at 3/				
Motor efficiency at 1/				
Number of poles:	2			
Enclosure class (IEC		tina		
Insulation class (IEC		lang		
Motor No:	85U15908			
Others:				
Terminal box position				
Minimum efficiency in				
Net weight:	32.7 kg			
Gross weight:	36.3 kg			
Shipping volume:	0.08 m ³			
Country of origin:	HU			
Custom tariff no .:	84137075			



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Company name: Created by: Phone:

		Date:	15/10/	15/10/2019		
Description Value		H [m]		MTR 8-5/5, 3*400 V, 50Hz eta [%]		
General information:						
Product name:	MTR 8-5/5 A-W-A-HUUV	55 -			_	
Product No:	98825696	50 -			100	
EAN number:	5712601939539	45 -			90	
	5712601939539				1 30	
Price:	1.326,00 GBP	40 -			- 80	
Technical:		35 -			70	
Pump speed on which pump data are		_				
based:	2900 rpm	30 -			- 60	
Rated flow:	8 m³/h	25 -			- 50	
Rated head:	39.6 m	-				
Chambers:	5	20 -		N.	40	
Impellers:	5	15 - /			- 30	
Number of reduced-diameter impellers:	0	10-			20	
Drainage back to tank:	Ν	10-			20	
Pump orientation:	Vertical	5-			10	
Code for shaft seal:	HUUV	- ₀ /			\prod_{0}	
Curve tolerance:	ISO9906:2012 3B	o a	4 6	8 10 Q [m³/h]	-	
Pump version:	A	P [kW]			NPSH [m]	
Model:	Α	2.0 -			-8	
Materials:		2.0]		P1		
Pump head:	Cast iron	1.5 -			- 6	
·	EN 1561 EN-GJL-200			P2	ľ	
	ASTM A48-25B	1.0 -			4	
Impeller:	Stainless steel					
	EN 1.4301	0.5			2	
	AISI 304	_				
Material code:	А	0.0			Lo	
Installation:		ł				
Maximum ambient temperature:	60 °C	178	-			
Maximum operating pressure:	25 bar					
Max pressure at stated temp:	25 bar / 90 °C					
Type of connection:	G					
Size of outlet connection:	1 1/4 inch	8 <u>140</u>	33			
Immersion depth:	304 mm					
Flange size for motor:	FT115	304	4 x • 7.5			
Connect code:	W]			
Liquid:		016) .			
Pumped liquid:	Water	- •18	<u></u>			
Liquid temperature range:	-10 90 °C		• •			
Selected liquid temperature:	20 °C					
Density at selected liquid temperature:	998.2 kg/m³		<u>611/4</u>			
Electrical data:	_					
Motor standard:	IEC					
Motor type:	90LC		LOW VOLTAGE TION OF ROTATION			
IE Efficiency class:	IE3					
Rated power - P2:	2.2 kW		╦╾┷╧┷			
Mains frequency:	50 Hz		(w2) (v2) (v2)			
Rated voltage:	3 x 380-415D V	─│ ♥♥♥				
Rated current:	4.45 A		<u> </u>	1		
Starting current:	850-950 %		L1 L2 L3			
Cos phi - power factor:	0.89-0.87		H VOLTAGE N OF ROTATION			
Rated speed:	2890-2910 rpm					
Efficiency:	IE3 85,9%					
Motor efficiency at full load:	85.9 %	-	<u>(w3-(n3-(n3)</u>			
Motor efficiency at 3/4 load:	86.8 %	╴│ ▋▋▋	$\widetilde{\mathbb{W}}$			
Motor efficiency at 1/2 load:	86.0 %	╴╷ॖ╷╷┖┸				
Number of poles:	2	- Y=				

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Company name: Created by: Phone:

Date: 15/10/2019 Description Value Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F NONE Motor protec: Motor No: 85U15908 Controls: Frequency converter: NONE Others: Terminal box position: 6 Minimum efficiency index, MEI : 0.70 Net weight: 32.7 kg Gross weight: 36.3 kg Shipping volume: 0.08 m³ Country of origin: HU Custom tariff no .: 84137075

