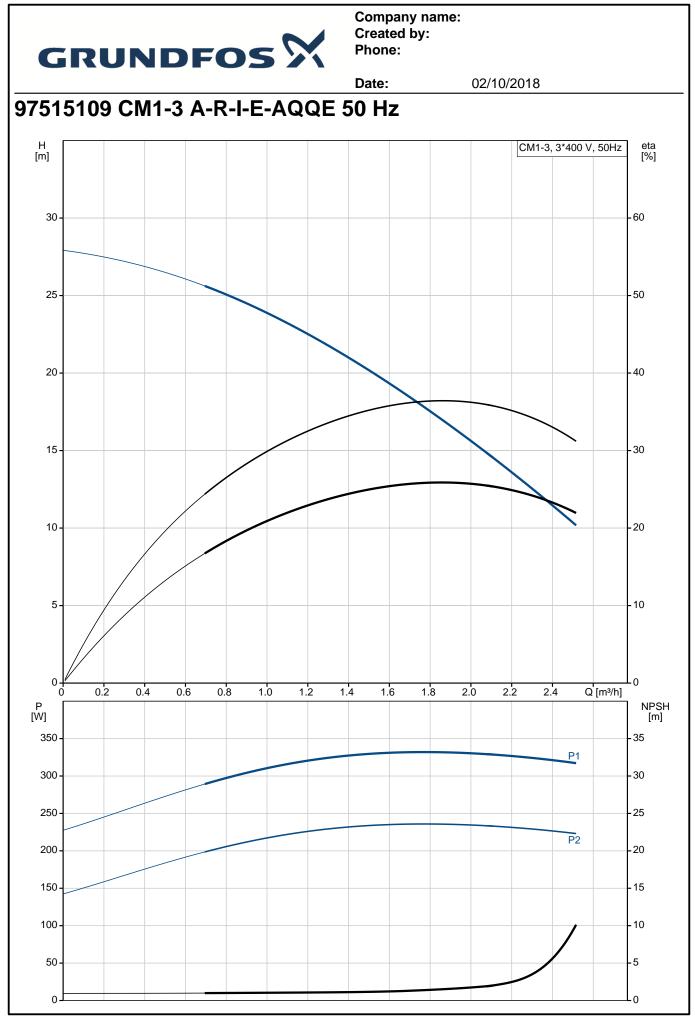
G	RI	UNDFOS	X	Company r Created by Phone:				
				Date:	02/10/2018			
Position	Qty.	Description						
	1	CM1-3 A-R-I-E-AQQE						
		Product No.: 97515109	Note! Pro	duct picture may	y differ from actual product			
		Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. Pump materials in contact with the liquid are in stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1).						
		The pump is fitted with a 3-phase, foot-mounted, fan-cooled asynchronous motor.						
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operat Density:	Water -20 120 ° tion: 20 °C 998.2 kg/m					
		<b>Technical:</b> Rated flow: Rated head: Primary shaft seal: Approvals on nameplate: Curve tolerance:	1.7 m <sup>3</sup> /h 18.2 m AQQE CE,WRAS ISO9906:2	ACS,TR,EAC	5			
		<b>Materials:</b> Pump housing: Impeller:	Stainless s DIN WNr. AISI 304 Stainless s	1.4301 teel				
		Rubber:	DIN WNr. AISI 304 EPDM	. 1.4301				
		Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Flange standard: Pump inlet: Pump outlet:	10 bar 10 bar / 12	20 °C RTH THREAD	) RP			
		Electrical data: Motor type: Rated power - P2: Mains frequency: Rated voltage: Service factor: Rated current: Starting current:	71A 0.46 kW 50 Hz 3 x 220-24 1 2,0-2,2/1,0 490-530 %		V			
		Rated speed:	2770-2820					

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Company name: Created by: Phone:

		UNDFUS		Date:	02/10/2018	
Position	Qty.	Description			02/10/2010	
		Enclosure class (IEC 34-5):	IP55			
		Insulation class (IEC 85):	F			
		Othere				
		Others: Minimum efficiency index, MEI	: 0.68			
		Net weight:	11.7 kg			
		Gross weight:	14.2 kg			



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## Company name: Created by: Phone:

		Date:	02/10/2	· · · · ·
Description	Value	H [m]		CM1-3, 3*400 V, 50Hz
General information:		-		
Product name:	CM1-3 A-R-I-E-AQQE	30 -		
Product No:	97515109			
EAN number:	5700317265028	_		
Technical:		25 -		
Rated flow:	1.7 m³/h	-		
Rated head:	18.2 m	-		
Impellers:	3	20 -		
Primary shaft seal:	AQQE	-		
Approvals on nameplate:	CE,WRAS,ACS,TR,EAC	-		
Curve tolerance:	ISO9906:2012 3B	15 -		
Pump version:	A	-		
Model:	A	-		
Materials:		10 -		
Pump housing:	Stainless steel	-		
	DIN WNr. 1.4301	-   /		
	AISI 304	5-		
Impollar		-  //		
Impeller:	Stainless steel	- //   -		
	DIN WNr. 1.4301	0	0.6 1.0 1	.4 1.8 2.2 Q [m³/h
	AISI 304	- P		
Material code:	 	[W]		
Rubber:	EPDM	200		P1
Code for rubber:	E	300 -		
Installation:		250 -		
Maximum ambient temperature:	55 °C	200 -		P2
Maximum operating pressure:	10 bar			
Max pressure at stated temp:	10 bar / 120 °C	150 -		
Flange standard:	WHITWORTH THREAD RP	100 -		
Pump inlet:	Rp 1	50 -		
Pump outlet:	Rp 1			
Connect code:	R	0		
Liquid:				
Pumped liquid:	Water			
Liquid temperature range:	-20 120 °C			
Liquid temperature during operation:	20 °C			
Density:	998.2 kg/m <sup>3</sup>			
Electrical data:	č			
Motor type:	71A			
Rated power - P2:	0.46 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240D/380-415Y V			
Service factor:	1			
Rated current:	2,0-2,2/1,0-1,2 A			
Starting current:	490-530 %			
Rated speed:	2770-2820 rpm			
Enclosure class (IEC 34-5):	IP55			
Insulation class (IEC 85):	F			
Motor protec:	NO			
Others:	<u> </u>			
Minimum efficiency index, MEI :	0.68			
Net weight:	11.7 kg			
Gross weight:	14.2 kg			

eta [%]

- 60

- 50

- 40

- 30

- 20

- 10

0

- 30 - 25 - 15 - 10 - 5 - 0

NPSH [m]

