G	RI	UNDFOS	Company name Created by: Phone:	:				
			Date:	22/03/2017				
Position	Qty.	Description						
	1	CM3-12 A-R-I-E-AQQE						
		Product No.: 97644340 Compact, reliable, horizontal, mu discharge port. Pump materials i seal is a special designed, unbal threads, Rp (ISO 7/1).	ultistage, end-suction centrifuga n contact with the liquid are in s lanced O-ring seal. Pipework co	al pump with axial suction port and radial stainless steel. The mechanical shaft onnection is via internal Whitworth pipe				
		The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor.						
		<b>Liquid:</b> Pumped liquid: Liquid temperature range: Q_OpFluidTemp: Density:	Water -20 90 °C 20 °C 998.2 kg/m³					
		Technical: Speed for pump data: Rated flow: Rated head: Primary shaft seal: Approvals on nameplate: Curve tolerance:	2900 rpm 3.1 m <sup>3</sup> /h 83.9 m AQQE CE,WRAS,ACS,TR,EAC ISO9906:2012 3B					
		<b>Materials:</b> Pump housing:	Stainless steel DIN WNr. 1.4301 304					
		Impeller: Rubber:	Stainless steel DIN WNr. 1.4301 AISI 304 EPDM					
		Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp:						
		Flange standard: Pump inlet: Pump outlet:	WHITWORTH THREAD RP Rp 1 Rp 1					
		Electrical data: Motor type: IE Efficiency class: Rated power - P2: Mains frequency: Rated voltage: Service factor:	90SA NA 1.3 kW 50 Hz 1 x 220-240 V					
		Rated current:	1 8,4-8,0 A					

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Company name: Created by: Phone:

				Date:	22/03/2017	
Position	Qty.	Description				
		Starting current:	340 %			
		Rated speed:	2710-2710	rpm		
		Enclosure class (IEC 34-5): Insulation class (IEC 85):	IP55 F			
			•			
		Others:	o <del>-</del>			
		Minimum efficiency index, MEI Net weight:	: 0,7 24.2 kg			
		Gross weight:	26.7 kg			
		5	0			



## Company name: Created by: Phone:

		Date:	22/03/2017
Description	Value	H [m]	CM3-12, 1*220 V, 50Hz
General information:			Pumped liquid = Water Liquid temperature during operation = 20 °C
Product name:	CM3-12 A-R-I-E-AQQE	120 -	Density = $998.2 \text{ kg/m}^3$
Product No:	97644340	_	
EAN number:	5710620117556	110 -	
Price:		100 -	
Plice.	On request	_	
Technical:		90 -	
Speed for pump data:	2900 rpm	80 -	
Rated flow:	3.1 m³/h	70 -	
Rated head:	83.9 m	10	
Impellers:	12	60 -	
Primary shaft seal:	AQQE	50 -	
Approvals on nameplate:	CE,WRAS,ACS,TR,EAC	30 -	
Curve tolerance:	ISO9906:2012 3B	40 -	
Pump version:	A	30 -	
Model:	A		
	A	20	
Materials:		10-	
	Stainless steel	- '°] ⁄⁄	
Pump housing:			).5 1.0 1.5 2.0 2.5 3.0 3.5 Q [m³/h]
	DIN WNr. 1.4301	- P	
have a line of	304	[kW]	
Impeller:	Stainless steel	2.0	
	DIN WNr. 1.4301	_	
	AISI 304	1.5 -	P1
Material code:	I	1.5	
Rubber:	EPDM		P2
Code for rubber:	E	1.0 -	
Installation:		0.5	
		0.5 -	
Maximum ambient temperature:	55 °C		
Maximum operating pressure:	16 bar	0.0	
Max pressure at stated temp:	16 bar / 90 °C		
Flange standard:	WHITWORTH THREAD RP		
Connect code:	R		
Pump inlet:	Rp 1		
Pump outlet:	Rp 1		
Liquid:			
Pumped liquid:	Water		
Liquid temperature range:	-20 90 °C		
Q_OpFluidTemp:	20 °C		
Density:	998.2 kg/m <sup>3</sup>		
Electrical data:	0004		
Motor type:	90SA		
IE Efficiency class:	NA		
Rated power - P2:	1.3 kW		
Mains frequency:	50 Hz		
Rated voltage:	1 x 220-240 V		
Service factor:	1		
Rated current:	8,4-8,0 A		
Starting current:	340 %		
Rated speed:	2710-2710 rpm		
Enclosure class (IEC 34-5):	IP55		
Insulation class (IEC 85):	F		
Motor protec:	TP211		
	17211		
Others:			
Minimum efficiency index, MEI :	0,7		



Company name: Created by: Phone:

22/03/2017

 Description
 Value

 Net weight:
 24.2 kg

 Gross weight:
 26.7 kg



