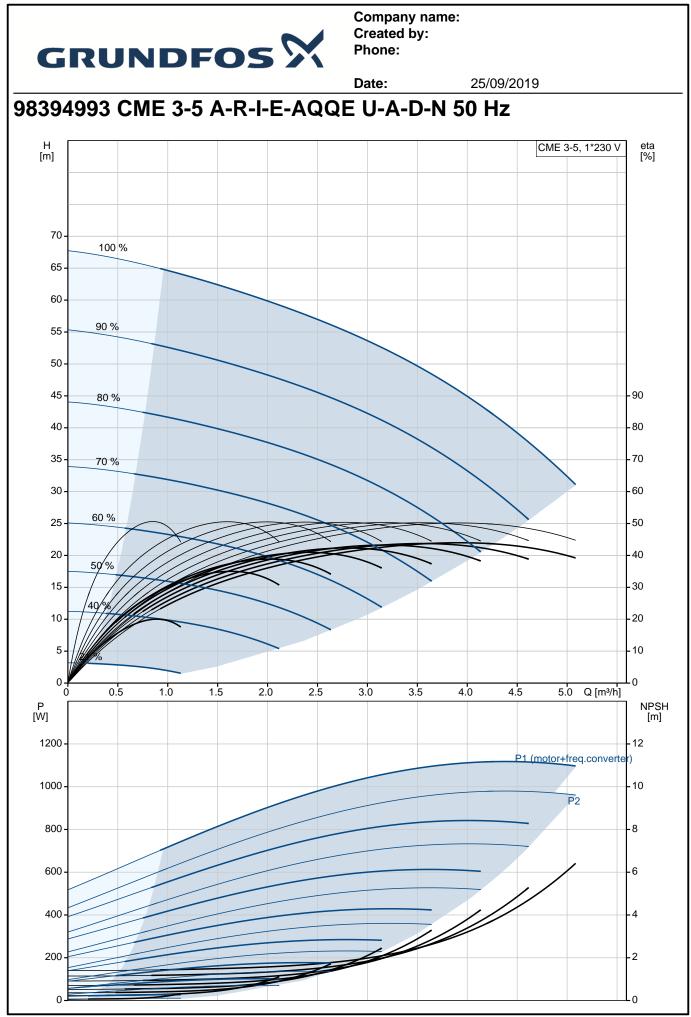
GRUNDF	os 🅅	Company n Created by: Phone:	
		Date:	25/09/2019
Description			
CME 3-5 A-R-I-E-AQQE U-A	-D-N		
Product No.: 98394993			
port. Pump materials in conta	ct with the liquid a	re in stainless steel. T	p with axial suction port and radial discharge he mechanical shaft seal is a special I Whitworth pipe threads, Rp (ISO 7/1).
classified as IE5 in accordance The motor includes a frequen	e with IEC 60034- cy converter and F	30-2. I controller in the mot	nchronous motor. The motor efficiency is tor terminal box. This enables continuously of the performance to a given requirement.
 "Min." or "Max." operation or t indication of pump status: "Power on": Motor is ru lights) 	o "Stop". The Grui Inning (rotating gre I running (rotating	ndfos Eye indicator or een indicator lights) or yellow indicator lights	ired setpoint as well as setting of pump to n the operating panel provides visual r not running (permanently green indicator s) or has stopped (permanently yellow
Communication with the pump enables further settings as we input" and total "Power consu	Il as reading out o	eans of Grundfos GO f a number of parame	Remote (accessory). The remote control eters such as "Actual value", "Speed", "Powe
The terminal box holds termin one dedicated digital ir two analog inputs, 0(4) 5 V voltage supply to p one configurable digita Grundfos Digital Senso 24 V voltage supply for two signal-relay output GENIbus connection interface for Grundfos	put -20 mA, 0-5 V, 0-1 otentiometer and I input or open-col or input and output sensors s (potential-free co	I0 V, 0.5 - 3.5 V sensor lector output ontacts)	
Controls: Frequency converter:	Built-in		
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density at selected liquid tem	Water -20 120 °C 20 °C perature: 998.2 k	g/m³	
Technical:		-	



scription mp speed on which pump dat ted flow: ted head: de for shaft seal: rve tolerance: terials: mp housing:	a are based: 3480 rpm 3.72 m ³ /h 49.62 m AQQE ISO9906:2012 3B Stainless steel EN 1.4301 AISI 304	
ted flow: ted head: de for shaft seal: rve tolerance: t terials: mp housing:	3.72 m ³ /h 49.62 m AQQE ISO9906:2012 3B Stainless steel EN 1.4301	
ted head: de for shaft seal: rve tolerance: nterials: mp housing:	49.62 m AQQE ISO9906:2012 3B Stainless steel EN 1.4301	
de for shaft seal: rve tolerance: t terials: mp housing:	AQQE ISO9906:2012 3B Stainless steel EN 1.4301	
rve tolerance: iterials: mp housing:	ISO9906:2012 3B Stainless steel EN 1.4301	
i terials: mp housing:	Stainless steel EN 1.4301	
mp housing:	EN 1.4301	
	EN 1.4301	
peller:		
peller:		
Jellel.	Stainless steel	
	EN 1.4301	
	AISI 304	
	-20 40 °C	
ix pressure at stated temp:		
e of inlet connection:	1 inch	
e of outlet connection:	1 inch	
tlet position:	12	
ectrical data:		
	IFC	
ted current:	6.70-5.60 A	
ted speed:	360-4000 rpm	
ulation class (IEC 85):	F	
hers:		
	12	
stom tariff no.:	84137075	
	ximum operating pressure: x pressure at stated temp: e of connection: e of inlet connection: e of outlet connection: tlet position: ectrical data: tor standard: me size: efficiency class: ted power - P2: ins frequency: ted voltage: ted current: ted speed: closure class (IEC 34-5): ulation class (IEC 85): hers: minal box position:	nge of ambient temperature: $-2040 ^{\circ}\text{C}$ ximum operating pressure:16 barx pressure at stated temp:16 bar / 90 °Cto bar / 120 °Cbe of connection:1 inche of inlet connection:1 inchtet position:12ectrical data:tor standard:IECame size:80Befficiency class:IE5ted power - P2:1.1 kWins frequency:50 Hzted voltage:1 x 200-240 Vted speed:360-4000 rpmclosure class (IEC 34-5):IP55ulation class (IEC 35):Fhers:rminal box position:12num efficiency index, MEI0.7t weight:15.9 kgops weight:19.4 kgnish VVS No.:385231050oprovals:CE,WRAS,ACS,TR,EACuntry of origin:GB



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		Date:		25/09/2	019	
Description	Value	H [m]			CME 3-5, 1*230 V	eta [%]
General information:		-				
Product name:	CME 3-5 A-R-I-E-AQQE U-A-D-N	70 -	100 %			
Product No:	98394993	65 -				
EAN number:	5711494281893	60 -				
	5711494281893	55 -	90 %			
Price:	1.206,00 GBP	50				
Technical:		45.	80 %			- 90
Pump speed on which pump data are based:	3480 rpm	40 -				- 80
Rated flow:	3.72 m³/h	35 •	70 %			- 70
Rated head:	49.62 m	30 -	00.07			- 60
Impellers:	5	25	60 %		- 177	- 50
Code for shaft seal:	AQQE	20 -	50 %			- 40
Curve tolerance:	ISO9906:2012 3B	15				- 30
Pump version:	Α	10				- 20
Model:	А	5	%			- 10
Materials:		0.				Lo
Pump housing:	Stainless steel		0.5 1.0	1.5 2.0 2.5 3	3.0 3.5 4.0 4.5 Q [m³/h]	-
	EN 1.4301	P [W]				NPSH [m]
	AISI 304				P1 (motor+freq.cor	verter)
Impeller:	Stainless steel	1000 -				- 10
	EN 1.4301	800 -			P2	-8
	AISI 304					-0
Material code:		600 -				-6
Code for rubber:	E	400			//	- 4
Installation:		200 -				-2
Range of ambient temperature:	-20 40 °C	200.				- 2
Maximum operating pressure:	16 bar	0.				L ₀
Max pressure at stated temp:	16 bar / 90 °C 10 bar / 120 °C		212	P	256.4 107.6	1
Type of connection:	Rp	(Rp 1
Size of inlet connection:	1 inch					
Size of outlet connection:	1 inch	\backslash				Rp 1
Outlet position:	12	Rp 3/8	- OH			ř
Connect code:	R	10.5	_\$ \$	22		
Liquid:			125		96 167.7 137 143.2	Rp 3/8
Pumped liquid:	Water			-	196.3	
Liquid temperature range:	-20 120 °C					
Selected liquid temperature:	20 °C					
Density at selected liquid temperature	[:] 998.2 kg/m³					
Electrical data:						
Motor standard:	IEC					
Frame size:	80B					
IE efficiency class:	IE5					
Rated power - P2:	1.1 kW	N				
Mains frequency:	50 Hz	L				
Rated voltage:	1 x 200-240 V					
Rated current:	6.70-5.60 A					
Rated speed:	360-4000 rpm		<u>+24.V⁻0000</u>			
Enclosure class (IEC 34-5):	IP55)*********************			
Insulation class (IEC 85):	F		<u>`</u> L_LL	6 GND A GENbus A		
Controls:	Duilt in			Y GENbus Y B GENbus B 3 GND		
Frequency converter:	Built-in			15 +24 V 8 +24 V		
Others:	10	+24.12		23 GND 25 GDS TX		
Terminal box position:	12		_LĽ_ĽĽ	+5V ² 7 AI2		
Minimum efficiency index, MEI :	0.7					
Net weight:	15.9 kg					

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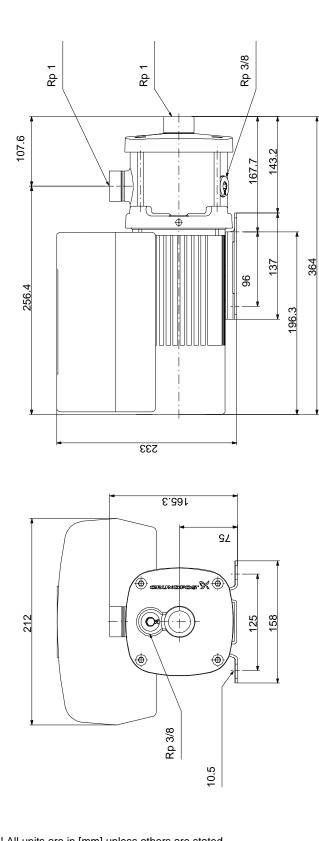


		Date:	25/09/2019
Description	Value		
Gross weight:	19.4 kg	_	
Danish VVS No.:	385231050		
Approvals:	CE,WRAS,ACS,TR,EAC		
Country of origin:	GB		
Custom tariff no .:	84137075		



25/09/2019

98394993 CME 3-5 A-R-I-E-AQQE U-A-D-N 50 Hz



Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.

