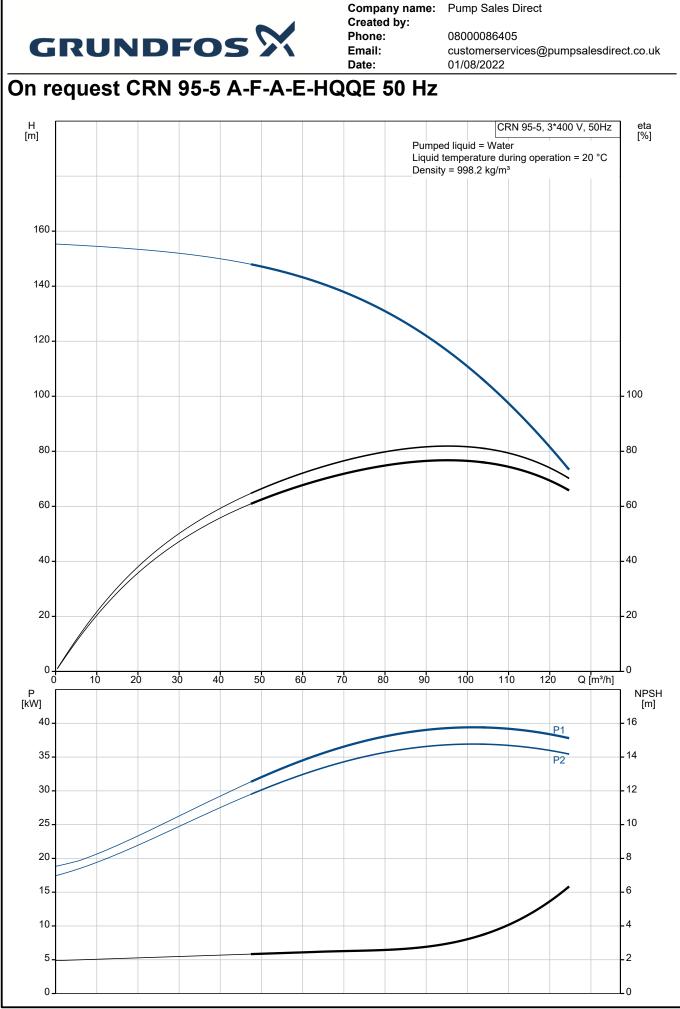
			Company name:	Pump Sales Direct
			Created by: Phone:	08000086405
	GRUNDFO	SX	Email:	customerservices@pumpsalesdirect.co.uk
			Date:	01/08/2022
Qty.	Description			
1	CRN 95-5 A-F-A-E-HQQE			
	and a state of the			
	O			
		Note! Product pic	ture may differ from actual	product
	Product No.: On request		-	
	Vertical, multistage centrifugal p	ump with inlet and o	outlet ports on same the	e level (inline). Pump materials in contact
	with the liquid are in high-grade	stainless steel. The	Grundtos cartridge sha smission is via a rigid s	aft seal ensures high reliability, safe plit coupling. Pipe connection is via DIN
	flanges.			
	The pump is fitted with a 3-phase	e. fan-cooled asvno	hronous motor.	
	···· F ···· F ···· F ···· · · · · · · ·	-,		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-20 120 °C		
	Selected liquid temperature: Density:	20 °C 998.2 kg/m³		
	Density.	990.2 kg/m		
	Technical:			
	Pump speed on which pump dat	a are based: 296	65 rpm	
	Rated flow:	95 m³/h		
	Rated head:	116.7 m		
	Pump orientation:	Vertical		
	Shaft seal arrangement: Code for shaft seal:	Single HQQE		
	Approvals:	CE,EAC,UKCA,S	FPRO	
	Curve tolerance:	ISO9906:2012 3E		
	Materials:	.		
	Base:	Stainless steel		
		EN 1.4408 ASTM A351 CF8	N //	
	Impeller:	Stainless steel	IVI	
		EN 1.4401		
		AISI 316		
	Bearing:	WC/WC		
	Support bearing:	Graflon		
	Material certified according to:	European standa	rds	
	Installation:			
	t max amb:	55 °C		
	Maximum operating pressure:	16 bar		
	Max pressure at stated temp:	16 bar / 120 °C		
	Type of connection:	DIN		
	Size of inlet connection:	DN 100		
	Size of outlet connection:	DN 100		
	Pressure rating for connection:			
	Flange size for motor:	FF350		
	Electrical data:			
	Motor standard:	IEC		
	from Grundfos Product Centre 12022 3			1/8



Company name: Created by:	Pump Sales Direct
Phone:	08000086405
Email:	customerservices@pumpsalesdirect.co.uk
Date:	01/08/2022

Qty. | Description

1	Motor type:	SIEMENS
	IE Efficiency class:	IE3
	Rated power - P2:	37 kW
	Power (P2) required by pump:	37 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-420D/660-725Y V
	Rated current:	65/37.5 A
	Starting current:	710-710 %
	Cos phi - power factor:	0.88
	Rated speed:	2955 rpm
	Efficiency:	IE3 93,7%
	Motor efficiency at full load:	93.7-93.7 %
	Motor efficiency at 3/4 load:	94.2-94.2 %
	Motor efficiency at 1/2 load:	94.0-94.0 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	IP55
	Insulation class (IEC 85):	F
	Motor No:	81U15334
	Controls:	
	Frequency converter:	NONE
		HONE
	Others:	
	Minimum efficiency index, MEI ≥:	
	Net weight:	379 kg
	Gross weight:	442 kg
	Shipping volume:	1.14 m³
	Danish VVS No.:	386935250
	Finnish LVI No.:	4925619
	Thrust handling device:	Ν
	Country of origin:	GB
	Custom tariff no.:	84137075



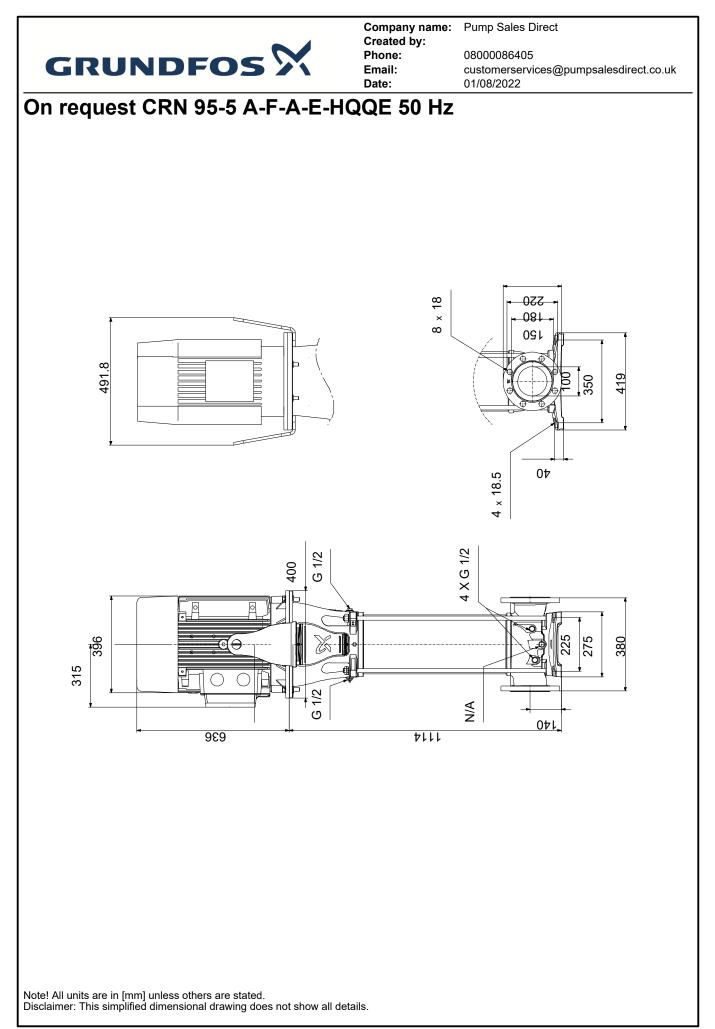
Printed from Grundfos Product Centre [2022.33.001]

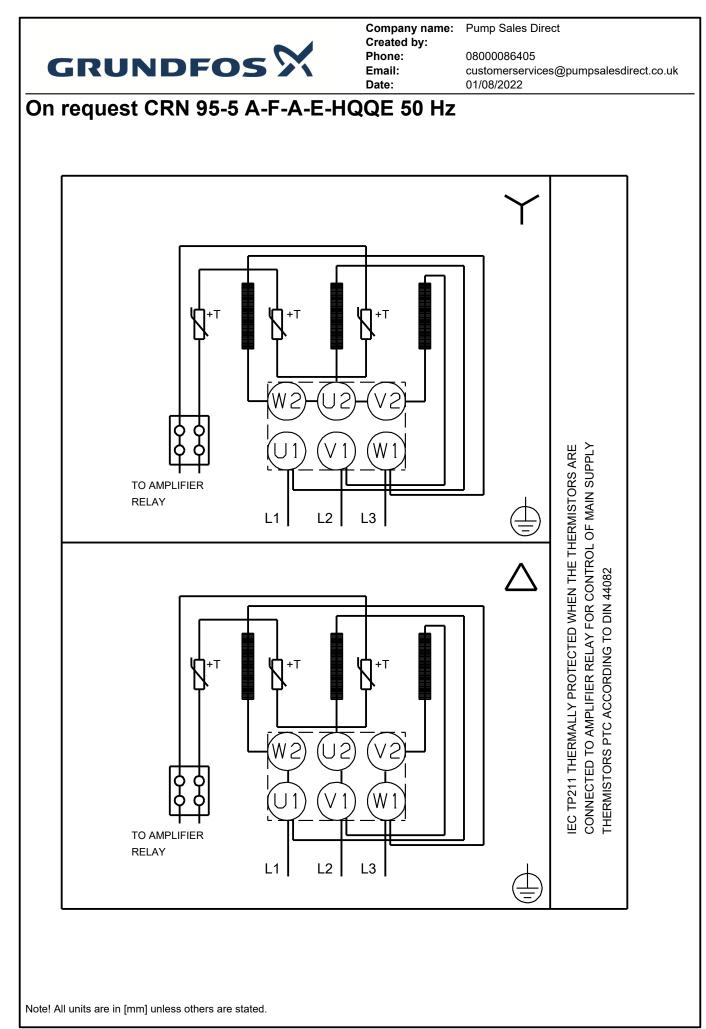
GRUNDFO	os X	Company n Created by: Phone: Email: Date:		Pump S 080000 custome 01/08/2	86405 erservio		umpsalesdire	ect.co.uk
Description	Value	H [m]				CRN 95-	5, 3*400 V, 50Hz	eta [%]
General information:	value	[]		Pumped	liquid = V	Vater		[/0]
Product name:	CRN 95-5 A-F-A-E-HQQE	_		Liquid te Density	mperature = 998.2 kç	e during of g/m ³	peration = 20 °C	
Desident Ma		160 -						
Product No: EAN number:	On request							
Technical:	On request	140 -						
Pump speed on which pump data are	2965 rpm	120 -				\searrow		_
based:		_						
Rated flow:	95 m³/h	100 -				_		- 100
Rated head:	116.7 m	_						
Maximum head:	155.3 m	80 -				-		- 80
Impellers:	5							
Number of reduced-diameter impellers:	0	60 -						- 60
Low NPSH:	N	40 -						40
Pump orientation:	Vertical	40 -						- 40
Shaft seal arrangement:	Single	20						_ 20
Code for shaft seal:	HQQE							
Approvals:	CE,EAC,UKCA,SEPRO	0 <u>/</u>	20	40	30 a	30 1	00 Q [m³/h]	Lo
Curve tolerance:	ISO9906:2012 3B	- P	20	40				NPSH
Pump version:	А	[kW]					P1	[m]
Model:	Α	35 -					P2	- 14
Cooling:	IC 411	30 -			\sim		12	12
Materials:		25 -		\land				10
Base:	Stainless steel	20 -						-8
Base:	EN 1.4408	- /						6
Base:	ASTM A351 CF8M	15 -						
Impeller:	Stainless steel	10 -						- 4
Impeller:	EN 1.4401	5						-2
Impeller:	AISI 316	- 0						Lo
Material code:	A	-						
Code for rubber:	E	315	6	-	491.8			
Bearing:	WC/WC	- r++	_		m l			
Support bearing:	Graflon		- 63					
Material certified according to:	European standards							
Installation:				_ L				
t max amb:	55 °C	<u>G 1/2</u>	G 1/2					
Maximum operating pressure:	16 bar							
Max pressure at stated temp:	16 bar / 120 °C	41						
Type of connection:	DIN		4 X G 1/	2	8 ×	18		
Size of inlet connection:	DN 100		A HI	4 x 18.5		71		
Size of outlet connection:	DN 100			64		0ZZ		
Pressure rating for connection:	PN 16	22	5	' Τ	350			
Flange size for motor:	FF350	38	D _	L	419			
Connect code:	F							
Liquid:		- [
Pumped liquid:	Water	_		_	r			
Liquid temperature range:	-20 120 °C							
Selected liquid temperature:	20 °C	\$	\$**	₿**				
Density:	998.2 kg/m³	_	L					
Electrical data:		- 68			erv erv			
Motor standard:		TO AMPLIFIER RELAY	Ĩ					
Motor type:	SIEMENS	_	L1 L2					
IE Efficiency class:	IE3	-		 1	OIN 44082			
Rated power - P2:	37 kW	(1 +T	ц _{+т}		TECTEDV RELAV FL			
Power (P2) required by pump:	37 kW	_	Å.	Ľ ¶	4LLY PRO MIRLIFIER CACCORE			
Mains frequency:	50 Hz	-	4000) [] []	1 THERMA TED TO AL TORS PTC			
Rated voltage:	3 x 380-420D/660-725Y V	TO AMPLIFIER RELAY	\mathbb{Q}		IECTP21 CONNECT THE PAUS			
Rated current:	65/37.5 A	POELAY	L1 L2	L3	\$			



Company name: Created by:	Pump Sales Direct
Phone:	08000086405
Email:	customerservices@pumpsalesdirect.co.uk
Date:	01/08/2022

Description	Value
Starting current:	710-710 %
Cos phi - power factor:	0.88
Rated speed:	2955 rpm
Efficiency:	IE3 93,7%
Motor efficiency at full load:	93.7-93.7 %
Motor efficiency at 3/4 load:	94.2-94.2 %
Motor efficiency at 1/2 load:	94.0-94.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	81U15334
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	379 kg
Gross weight:	442 kg
Shipping volume:	1.14 m³
Danish VVS No.:	386935250
Finnish LVI No.:	4925619
Thrust handling device:	Ν
Country of origin:	GB
Custom tariff no.:	84137075







Company name: Pump Sales Direct Created by: Phone: 08000086405 Email: Date: 01/08/2022

customerservices@pumpsalesdirect.co.uk

Order Data:

CRN 95-5 1 On request	otal
	Price on request