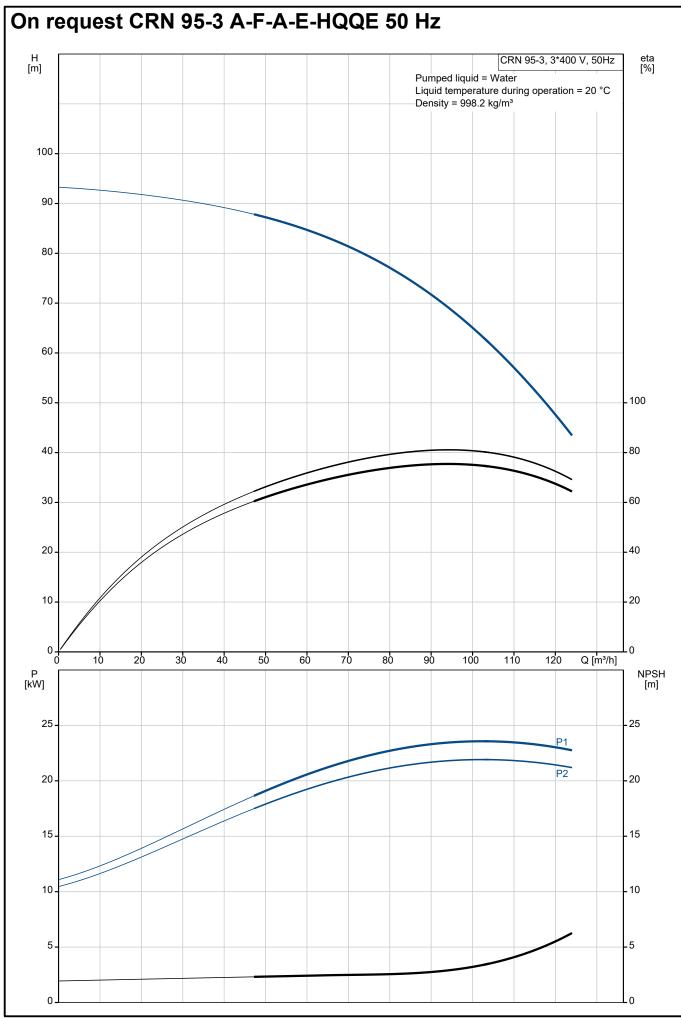
Qty.	Description				
1	CRN 95-3 A-F-A-E-HQQE				
	At the tax				
		Note! Product picture may differ from actual product			
	Product No.: On request				
	Vertical, multistage centrifugal pu	ump with inlet and outlet ports on same the level (inline). Pump materials in contact			
	with the liquid are in high-grade stainless steel. The Grundfos cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN				
	flanges.				
	-	e, fan-cooled asynchronous motor.			
		-,			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	-20 120 °C			
	Selected liquid temperature:	20 °C			
	Density:	998.2 kg/m³			
	Technical:				
	Pump speed on which pump dat Rated flow:	•			
	Rated head:	95 m³/h 69.3 m			
	Pump orientation:	Vertical			
	Shaft seal arrangement:	Single			
	Code for shaft seal:	HQQE			
	Approvals:	CE,EAC,UKCA,SEPRO			
	Curve tolerance:	ISO9906:2012 3B			
	Materials:				
	Base:	Stainless steel			
		EN 1.4408			
		ASTM A351 CF8M			
	Impeller:	Stainless steel			
		EN 1.4401 AISI 316			
	Bearing:	WC/WC			
	Support bearing:	Graflon			
	Material certified according to:	European standards			
	5				
	Installation:				
	t max amb:	60 °C			
	Maximum operating pressure:	16 bar			
	Max pressure at stated temp:	16 bar / 120 °C			
	Type of connection:	DIN			
	Size of inlet connection: Size of outlet connection:	DN 100			
		DN 100 PN 16			
	Pressure rating for connection: Flange size for motor:	FF300			
	Electrical data:				
	Motor standard:	IEC			
	Motor type:	180MB			
	IE Efficiency class:	IE3			
	Rated power - P2:	22 kW			
	Power (P2) required by pump:	22 kW			
	Mains frequency:	50 Hz			
	Rated voltage:	3 x 380-415D/660-690Y V			

Qty.	Description	
1	Rated current:	39.5/22.8 A
	Starting current:	830 %
	Cos phi - power factor:	0.90-0.90
	Rated speed:	2950 rpm
	Efficiency:	IE3 92,7%
	Motor efficiency at full load:	92.7-92.7 %
	Motor efficiency at 3/4 load:	93.7 %
	Motor efficiency at 1/2 load:	94.4 % 2
	Number of poles: Enclosure class (IEC 34-5):	z 55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U17530
	Controls:	
	Frequency converter:	NONE
	Others:	
	Minimum efficiency index, MEI ≥:	
1	Net weight:	239 kg
1	Gross weight: Shipping volume:	303 kg 1.14 m³
	Danish VVS No.:	386935230
	Finnish LVI No.:	4925617
	Thrust handling device:	N
	Country of origin:	GB
	Custom tariff no.:	84137075
1	1	

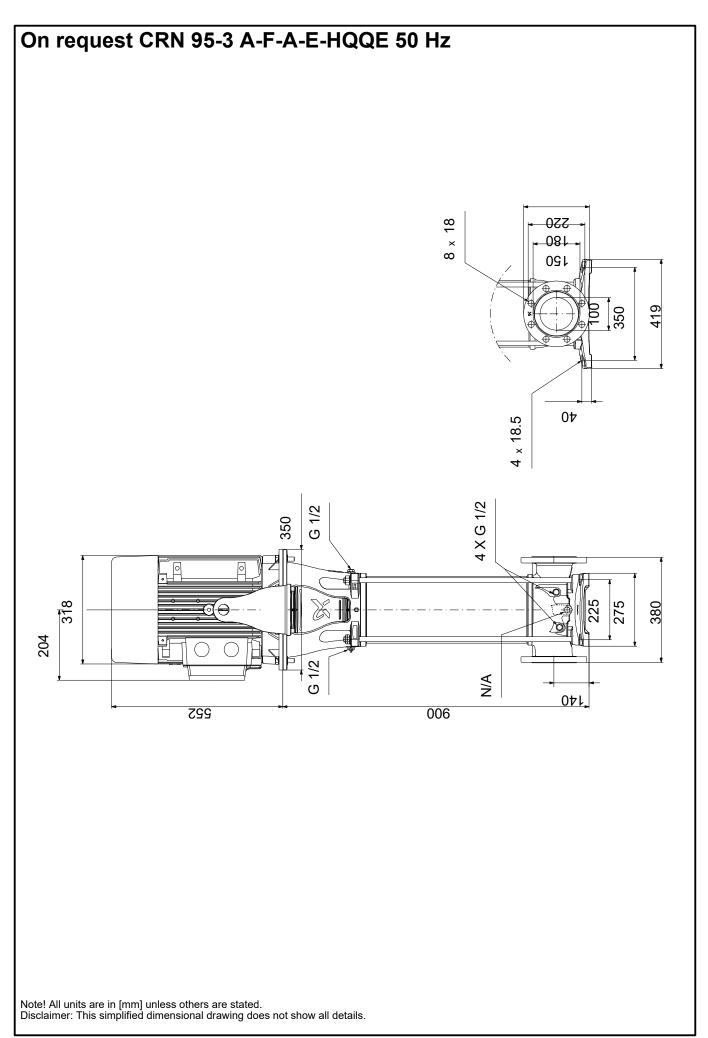


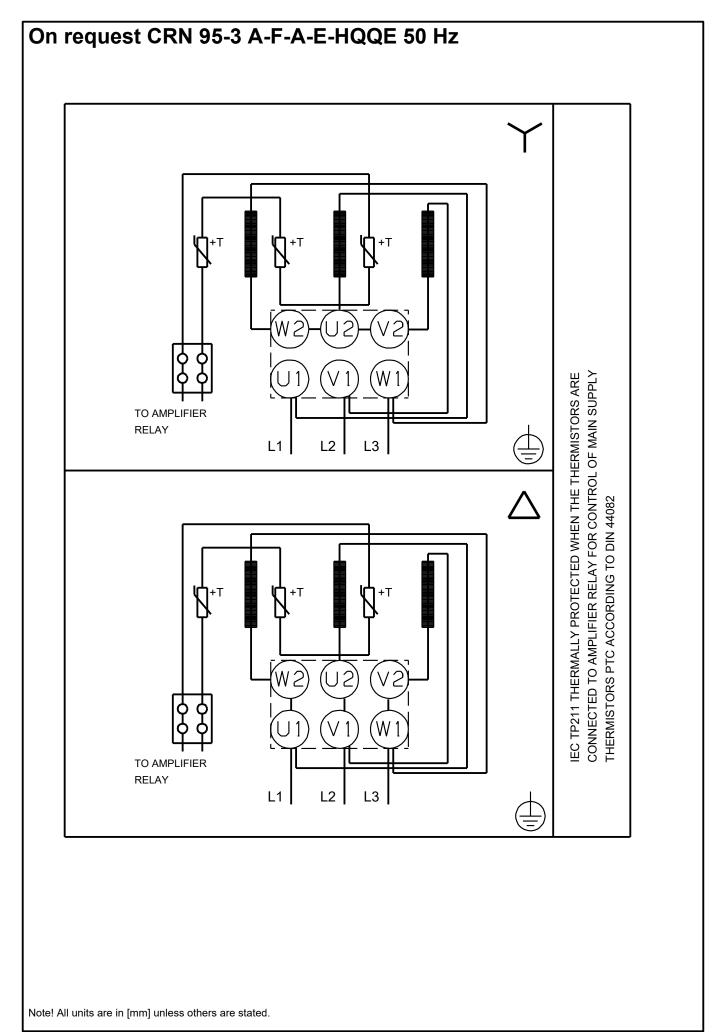
Printed from Grundfos Product Centre [2022.33.001]

Description General information: Product name: Product No: EAN number: Technical:	Value CRN 95-3 A-F-A-E-HQQE	[m]	Pumped liquid = Water Liquid temperature during operation = 20 °0 Density = 998.2 kg/m ³	[%]
Product name: Product No: EAN number: Technical:				, I
EAN number: Technical:		100 -		
EAN number: Technical:	On request			
Technical:	On request	90 -		
	Onrequest	80 -		
		80 -		
Pump speed on which pump data are based:	2960 rpm	70 -		
Rated flow:	95 m³/h	60 -		
Rated head:	69.3 m	00 -		
Maximum head:	93.4 m	50 -		100
Impellers:	3			
Number of reduced-diameter impellers:	0	40 -		- 80
Low NPSH:	Ν			
Pump orientation:	Vertical	30 -		- 60
Shaft seal arrangement:	Single	20 -		_ 40
Code for shaft seal:	HQQE	20-		- +0
Approvals:	CE,EAC,UKCA,SEPRO	10 -		- 20
Curve tolerance:	ISO9906:2012 3B			0
Pump version:	A	_ °	20 40 60 80 100 Q [m ⁴	/h] NPSH
Model:	A	P [kW]		[m]
	A IC 411	25 -	P1	- 25
Cooling:	10 411			
Materials:		20 -	P2	_ 20
Base:	Stainless steel			
Base:	EN 1.4408	15 -		- 15
Base:	ASTM A351 CF8M	10		10
Impeller:	Stainless steel	10 -		
Impeller:	EN 1.4401	5 -		_ 5
Impeller:	AISI 316			- 0
Material code:	A	0		0
Code for rubber:	E	·		
Bearing:	WC/WC	204	18	
Support bearing:	Graflon			
Material certified according to:	European standards			
Installation:				
t max amb:	60 °C	552 0 0		
Maximum operating pressure:	16 bar			
Max pressure at stated temp:	16 bar / 120 °C		350	
Type of connection:	DIN	G 1/2	<u>G 1/2</u>	
Size of inlet connection:	DN 100			
Size of outlet connection:	DN 100			
Pressure rating for connection:	PN 16	006	<u>8 × 18</u>	
Flange size for motor:	FF300	N/A	4 X G 1/2	
Connect code:	F	∣₀₽₩		
Liquid:	•	140		
Pumped liquid:	Water	22		
Liquid temperature range:	-20 120 °C	38		
Selected liquid temperature:	20 °C	•	H HH	
Density:	998.2 kg/m ³			
-	998.2 kg/m		\uparrow	
Electrical data:	IEC			
Motor standard:	IEC			
Motor type:	180MB		▶ ■ ₽ ■ ₽ ■	
IE Efficiency class:	IE3			
Rated power - P2:	22 kW			
Power (P2) required by pump:	22 kW	TO AMPLIFIER RELAY		
Mains frequency:	50 Hz	(ALLON)		
Rated voltage:	3 x 380-415D/660-690Y V	[-		
Rated current:	39.5/22.8 A			
Starting current:	830 %			
Cos phi - power factor:	0.90-0.90			
Rated speed:	2950 rpm	65		
Efficiency:	IE3 92,7%	TO AMPLIFIER RELAY		
Motor efficiency at full load:	92.7-92.7 %	(Addate)		

Printed from Grundfos Product Centre [2022.33.001]

Description	Value
Motor efficiency at 3/4 load:	93.7 %
Motor efficiency at 1/2 load:	94.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17530
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	239 kg
Gross weight:	303 kg
Shipping volume:	1.14 m³
Danish VVS No.:	386935230
Finnish LVI No.:	4925617
Thrust handling device:	Ν
Country of origin:	GB
Custom tariff no.:	84137075





		Order Da	ta:		
Position	Your pos.	Product name	Amount	Product No	Total
		CRN 95-3	1	On request	Price o reques
					reques