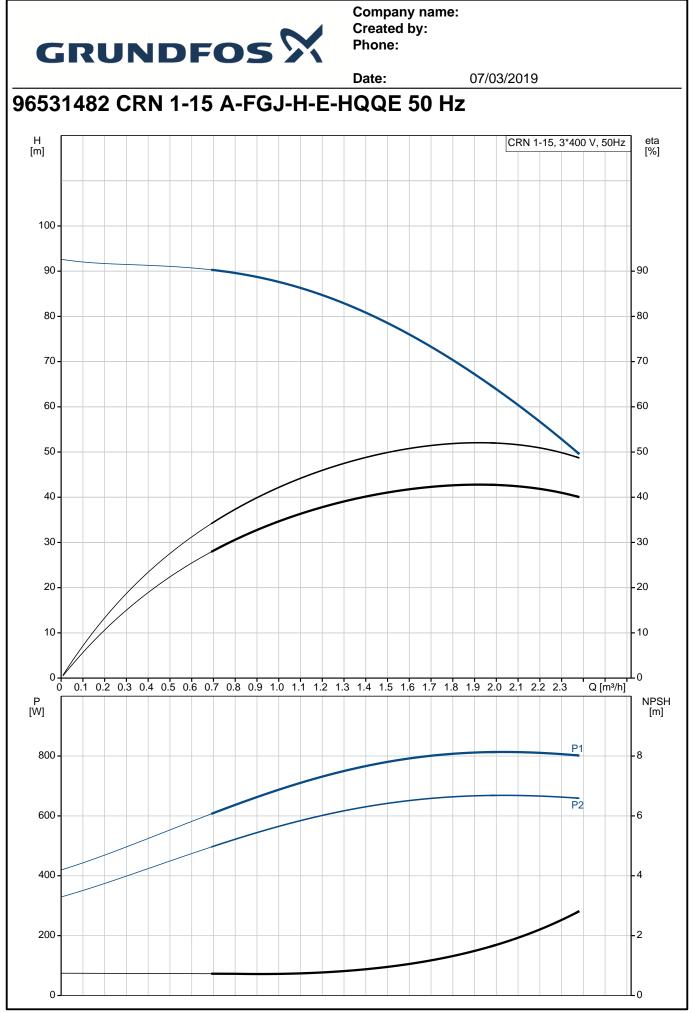
	GRUNDFO	os X	Company n Created by: Phone:		
			Date:	07/03/2019	
Qty.	Description				
1	CRN 1-15 A-FGJ-H-E-HQQE				
	Product No.: 96531482				
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump mate contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connec combined DIN-ANSI-JIS flanges.					
	The pump is fitted with a 3-phase	e, fan-cooled asynch	ronous motor.		
	Controls:				
	Frequency converter:	NONE			
	Liquid:				
	Pumped liquid:	Water			
	Liquid temperature range:	-20 120 °C			
	Liquid temperature during operat	ion: 20 °C			
	Density:	998.2 kg/m³			
	Technical:				
	Pump speed on which pump dat	a are based: 2864	mar		
	Rated flow:	1.8 m ³ /h	pm		
	Rated head:	69.6 m			
	Pump orientation:	Vertical			
	Shaft seal arrangement:	Single			
	Code for shaft seal:	HQQE			
	Approvals on nameplate:	CE, EAC,ACS			
	Curve tolerance:	ISO9906:2012 3B			
	Materials:				
	Base:	Stainless steel			
		EN 1.4408			
		AISI 316			
	Impeller:	Stainless steel EN 1.4401 AISI 316			
	Bearing:	SIC			
	Installation:				
	Maximum ambient temperature:	60 °C			
	Maximum operating pressure:	25 bar			
	Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C			
	Type of connection:	DIN / ANSI / JIS			
	Size of inlet connection:	DN 25/32			
		1 1/4 inch			
	Size of outlet connection:	DN 25/32			
		1 1/4 inch			
	Pressure rating for pipe connecti				
	Flange rating inlet:	300 lb			



Company name: Created by: Phone:

GRUNDF		Date:	07/03/2019	
Description				
Flange size for motor:	FT100			
Electrical data:				
Motor standard:	IEC			
Motor type:	80A IE3			
IE Efficiency class: Rated power - P2:	0.75 kW			
Power (P2) required by pump:	0.75 kW 0.75 kW			
Mains frequency:	50 Hz			
Rated voltage:	3 x 220-240D/380-4	15Y V		
Rated current:	3.30/1.90 A			
Starting current:	580-620 %			
Cos phi - power factor:	0.81-0.71			
Rated speed:	2840-2870 rpm			
Efficiency:	IE3 80,7%			
Motor efficiency at full load:	80.7 %			
Motor efficiency at 3/4 load:	82.7 %			
Motor efficiency at 1/2 load:	81.7 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting F			
Insulation class (IEC 85):	Г			
Others:				
Minimum efficiency index, MEI				
Net weight:	26.8 kg			
Gross weight:	30.8 kg			
Shipping volume:	0.092 m ³			
Country of origin: Custom tariff no.:	GB 84137075			
Custom tann no	04137073			





Company name: Created by: Phone:

		Date:	07/03	3/2019		
Description	Value	H [m]		CRN 1-15, 3*400 V, 50Hz		
General information:						-
Product name:	CRN 1-15 A-FGJ-H-E-HQQE	100 -				
Product No:	96531482	90 -	+++			- 90
EAN number:	5700397295519					
Price:	1.312,00 GBP	80 -				- 80
Technical:		70 -				70
Pump speed on which pump data are based:	2864 rpm	60 -				- 60
Rated flow:	1.8 m³/h					
Rated head:	69.6 m	50 -				- 50
Head max:	92.6 m	40 -				40
Stages:	15	40 -				[⁺⁰
-	15	30 -				- 30
Impellers:						
Number of reduced-diameter impellers:	0	20 -				20
Low NPSH:	N	10-				10
Pump orientation:	Vertical					
Shaft seal arrangement:	Single	0 //				L°
Code for shaft seal:	HQQE	0 0.2 P	0.4 0.6 0.8 1.0 1	.2 1.4 1.6 1.8 2.	0 Q [m³/h]	
Approvals on nameplate:	CE, EAC,ACS	[W]				Im [m
Curve tolerance:	ISO9906:2012 3B	800 -			<u>P1</u>	-8
Pump version:	A					
Model:	Α	600 -			P2	-6
Materials:						Ľ
Base:	Stainless steel	400 -				4
	EN 1.4408	100				[]
	AISI 316	200 -				-2
Impeller:	Stainless steel	200				1
	EN 1.4401					
	AISI 316					
Material code:			100			
Material code:	H		109			
Code for rubber:	E					
Bearing:	SIC					
Installation:		3				
Maximum ambient temperature:	60 °C					
Maximum operating pressure:	25 bar					
Max pressure at stated temp:	25 bar / 120 °C	<u>G 1/</u>				
	25 bar / -20 °C			× 27		
Type of connection:	DIN / ANSI / JIS	5 <u>1 X G</u>	<u>1/2</u>			
Size of inlet connection:	DN 25/32					
	1 1/4 inch	75	retain *			
Size of outlet connection:	DN 25/32		<u>100</u> 150	<u>32</u> 85	3	
	1 1/4 inch		250			
Pressure rating for pipe connection:	PN 25			<u> </u>		
Flange rating inlet:	300 lb					
Flange size for motor:	FT100		HIGH VOLTAGE DIRECTION OF ROTATION	–		
Connect code:	FGJ	🕼	DIRECTION OF ROTATION			
Liquid:	. 00	— I — I				
Pumped liquid:	Water		6			
		🍢 🕌 🕌	KS H			
Liquid temperature range:	-20 120 °C	L L				
Liquid temperature during operation:	20 °C	≻				
Density:	998.2 kg/m ³		<u> 20</u>			
Electrical data:		62	LOW VOLTAGE DIRECTION OF ROTATION			
Motor standard:	IEC					
Motor type:	80A					
IE Efficiency class:	IE3	- Er [Ľ₽₽₽₽			
Rated power - P2:	0.75 kW					
Power (P2) required by pump:	0.75 kW	``	` <u>©</u> G	g		
Mains frequency:	50 Hz		<u>P</u>	98.3165		

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Company name: Created by: Phone:

		Date:	07/03/2019
Description	Value		
Rated voltage:	3 x 220-240D/380-415Y V	_	
Rated current:	3.30/1.90 A		
Starting current:	580-620 %		
Cos phi - power factor:	0.81-0.71		
Rated speed:	2840-2870 rpm		
Efficiency:	IE3 80,7%		
Motor efficiency at full load:	80.7 %		
Motor efficiency at 3/4 load:	82.7 %		
Motor efficiency at 1/2 load:	81.7 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85U05104		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI ≥:	0.70		
Net weight:	26.8 kg		
Gross weight:	30.8 kg		
Shipping volume:	0.092 m ³		
Sales region:	Great Britain		
Country of origin:	GB		
Custom tariff no.:	84137075		

