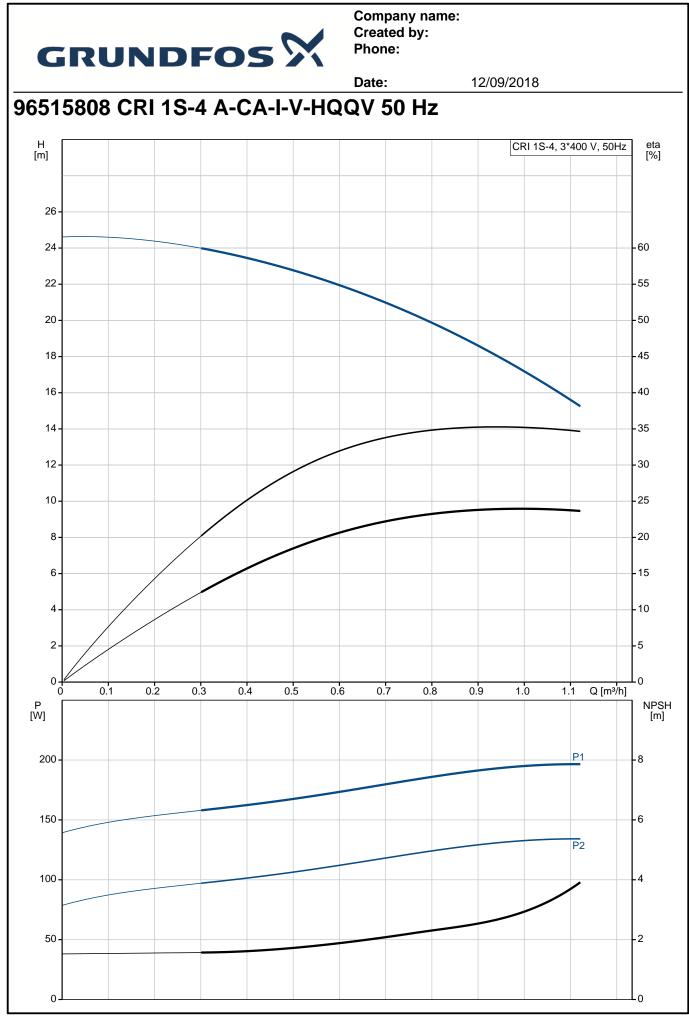
G	RI	UNDFOS	Company nan Created by: Phone:	ne:
			Date:	12/09/2018
Position	Qty.	Description		
	1	CRI 1S-4 A-CA-I-V-HQQV		
		Product No.: 96515808		
		Vertical, multistage centrifugal p enabling installation in a horizon stainless steel. Power transmiss	ump with suction and dischar tal one-pipe system. Pump m ion is via a rigid split coupling	rge ports on same the level (in-line) naterials in contact with the liquid are in g. Pipework connection is via FlexiClamps.
		The pump is fitted with a 3-phas	e, fan-cooled asynchronous i	motor.
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density:	Water -20 90 °C tion: 20 °C 998.2 kg/m³	
		Technical: Rated flow: Rated head: Pump orientation: Shaft seal arrangement: Code for shaft seal: Approvals on nameplate: Curve tolerance:	0.9 m ³ /h 16.9 m Vertical Single HQQV CE, EAC ISO9906:2012 3B	
		Materials: Base:	Stainless steel EN 1.4408 AISI 316	
		Impeller:	Stainless steel EN 1.4301 AISI 304	
		Bearing:	SIC	
		Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp:	40 °C 25 bar 25 bar / 90 °C 25 bar / -20 °C	
		Type of connection: Size of inlet connection:	FlexiClamp DN 32	
		Size of outlet connection:	1 1/4 inch DN 32 1 1/4 inch	
		Pressure rating for pipe connect Flange size for motor:	ion: PN 25 FT85	
		Electrical data: Motor standard:	IEC	



Company name: Created by: Phone:

esition Qty. Description Notor type: 71A He Efficiency class: 123 Rated power -P2: equired by pump: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1.74/1.00 A Starting current: 490-530 % Cos phi - power factor: 0.80-0.70 Rated speed: 2850-2880 rpm Efficiency at full load: 73.8 % Motor efficiency at 1/2 load: 75.5 % Number of poles: 2 Enclosure class (IEC 34-5): F Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Net weight: 19.7 kg Shipping volume: 0.054 m ³ Country of origin: 8B Custom tainff no.: 84137075	_			Date:	12/09/2018
IE Efficiency class: IE3 Rated power - P2: 0.37 kW Power (P2) required by pump: 0.37 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated voltage: 3 x 220-240D/380-415Y V Rated current: 1.74/1.00 A Starting current: 490-530 % Cos phi - power factor: 0.80-0.70 Rated speed: 2850-2880 rpm Efficiency: IE3 73,8% Motor efficiency at full load: 73.8 % Motor efficiency at 1/2 load: 75.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Controls: Frequency converter: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Minimum efficiency index, MEI : 17.1 kg Gross weight: Gross weight: 19.7 kg Shipping volume: 0.054 m³ Country of origin: GB	Position	Qty.	-		
Rated power - P2:0.37 kWPower (P2) required by pump:0.37 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:1.74/1.00 AStarting current:490-530 %Cos phi - power factor:0.80-0.70Rated speed:2850-2880 rpmEfficiency:IE3 73.8%Motor efficiency at full load:73.8 %Motor efficiency at 3/4 load:79.0 %Motor efficiency at 1/2 load:75.5 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FControls:Frequency converter:NONEOthers:Minimum efficiency index, MEI : 0.54Net weight:17.1 kgGross weight:19.7 kgShipping volume:0.054 m³Country of origin:GB					
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Motor efficiency at full load: 73.8 % Motor efficiency at 3/4 load: 79.0 % Motor efficiency at 1/2 load: 75.5 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Controls: Frequency converter: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Net weight: 17.1 kg Gross weight: 19.7 kg Shipping volume: 0.054 m³ Country of origin: GB					
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Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Controls: Frequency converter: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Net weight: 17.1 kg Gross weight: 19.7 kg Shipping volume: 0.054 m³ Country of origin: GB			Motor efficiency at 3/4 load:		
Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Controls: Frequency converter: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Net weight: 17.1 kg Gross weight: 19.7 kg Shipping volume: 0.054 m³ Country of origin: GB					
Insulation class (IEC 85): F Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI : 0.54 Net weight: 17.1 kg Gross weight: 19.7 kg Shipping volume: 0.054 m ³ Country of origin: GB					
Controls: Frequency converter:NONEOthers: Minimum efficiency index, MEI : 0.54 Net weight:17.1 kg 19.7 kgGross weight:19.7 kgShipping volume:0.054 m³ GB					
Frequency converter: NONE Others:			Insulation class (IEC 85):	F	
Others:Minimum efficiency index, MEI0.54Net weight:17.1 kgGross weight:19.7 kgShipping volume:0.054 m³Country of origin:GB					
Minimum efficiency index, MEI:0.54Net weight:17.1 kgGross weight:19.7 kgShipping volume:0.054 m³Country of origin:GB			Frequency converter:	NONE	
Net weight:17.1 kgGross weight:19.7 kgShipping volume:0.054 m³Country of origin:GB				. 0.54	
Gross weight:19.7 kgShipping volume:0.054 m³Country of origin:GB					
Shipping volume:0.054 m³Country of origin:GB					
Country of origin: GB					





Company name: Created by: Phone:

		Date:	12/09		
Description	Value	H [m]		CRI 1S-4, 3*400 V, 50H	z e
General information:	Value				- '
Product name:	CRI 1S-4 A-CA-I-V-HQQV	26 -			-
Product No:	96515808	24 -			60
EAN number:	5700396731780				
Price:	721,00 GBP	22 -			- 55
Technical:	121,00 001	20 -			- 50
Rated flow:	0.9 m³/h	18 -			- 45
Rated head:	16.9 m	10 -			45
Stages:	4	16 -			- 40
Impellers:	4	14 -			- 35
Low NPSH:	N	- 40			
Pump orientation:	Vertical	12 -			- 30
Shaft seal arrangement:	Single	10 -			- 25
Code for shaft seal:	HQQV	8 -			- 20
		-			
Approvals on nameplate: Curve tolerance:	CE, EAC	6-			- 15
	ISO9906:2012 3B	4-			- 10
Pump version:	A	2-	1		- 5
Model:	Α	- //			
Materials:	Otabulana ()	0 0 0.1 0	2 03 04 05	0.6 0.7 0.8 0.9 1.0 Q [m³/h	
Base:	Stainless steel	- P			NF
	EN 1.4408	[W]			[
	AISI 316	200 -		P1	- 8
Impeller:	Stainless steel				
	EN 1.4301	150 -			-6
	AISI 304			P2	
Material code:	I	100 -			4
Code for rubber:	V	100			-
Bearing:	SIC	50			
Installation:		50 -			-2
Maximum ambient temperature:	40 °C				
Maximum operating pressure:	25 bar	0			
Max pressure at stated temp:	25 bar / 90 °C				
	25 bar / -20 °C				
Type of connection:	FlexiClamp				
Size of inlet connection:	DN 32				
	1 1/4 inch				
Size of outlet connection:	DN 32				
	1 1/4 inch				
Pressure rating for pipe connection:	PN 25				
Flange size for motor:	FT85				
Connect code:	CA				
Liquid:					
Pumped liquid:	Water				
Liquid temperature range:	-20 90 °C				
Liquid temperature during operation:	20 °C				
	20°C 998.2 kg/m ³				
Density: Electrical data:	990.∠ Ky/III°				
Motor standard:	IEC				
Motor type:	71A				
IE Efficiency class:	IE3				
Rated power - P2:	0.37 kW				
Power (P2) required by pump:	0.37 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 220-240D/380-415Y V				
Rated current:	1.74/1.00 A				
Starting current:	490-530 %				
Cos phi - power factor:	0.80-0.70				
Rated speed:	2850-2880 rpm				

eta [%]

NPSH [m]



Company name: Created by: Phone:

		Date:	12/09/2018
Description	Value		
Efficiency:	IE3 73,8%		
Motor efficiency at full load:	73.8 %		
Motor efficiency at 3/4 load:	79.0 %		
Motor efficiency at 1/2 load:	75.5 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
Insulation class (IEC 85):	F		
Motor protec:	NONE		
Motor No:	85805102		
Controls:			
Frequency converter:	NONE		
Others:			
Minimum efficiency index, MEI :	0.54		
Net weight:	17.1 kg		
Gross weight:	19.7 kg		
Shipping volume:	0.054 m ³		
Country of origin:	GB		
Custom tariff no .:	84137075		

