G		UNDFOS	Created by:	Company name: Created by: Phone:	
			Date:	28/02/2018	
osition	Qty.	Description			
	1	CRI 3-2 A-CA-I-V-HQQV			
		Product No.: 96516743			
		Vertical, multistage centrifugal po enabling installation in a horizon stainless steel.	ump with suction and discl tal one-pipe system. Pump	harge ports on same the level (in-line) o materials in contact with the liquid are in	
		A cartridge shaft seal ensures hi transmission is via a rigid split co	gh reliability, safe handling oupling. Pipework connect	g and easy service and access. Power ion is via FlexiClamps.	
		The pump is fitted with a 3-phase	e, fan-cooled asynchronou	us motor.	
		Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation Density:	Water -20 90 °C tion: 20 °C 998.2 kg/m ³		
		Technical:			
		Speed for pump data:	2873 rpm		
		Rated flow:	3 m ³ /h		
		Rated head:	9.6 m		
		Pump orientation:	Vertical		
		Shaft seal arrangement:	Single		
		Code for shaft seal: Approvals on nameplate:	HQQV CE, EAC		
		Curve tolerance:	ISO9906:2012 3B		
		Materials:			
		Base:	Stainless steel		
			EN 1.4408		
			AISI 316		
		Impeller:	Stainless steel EN 1.4301		
			AISI 304		
		Bearing material:	SIC		
		Installation:			
		Maximum ambient temperature:			
		Maximum operating pressure:	25 bar		
		Max pressure at stated temp:	25 bar / 90 °C		
		Type of connection:	25 bar / -20 °C FlexiClamp		
		Size of inlet connection:	DN 32		
			1 1/4 inch		
		Size of outlet connection:	DN 32		
			1 1/4 inch		
		Pressure rating:	PN 25 FT85		
		Flange size for motor:	1 100		



Company name: Created by: Phone:

		Date:	28/02/2018
Position Q	ty. Description		
Position Q	ty. Description Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): Controls: Frequency converter: Others: Minimum efficiency index, MEI Net weight: Gross weight: Shipping volume:	IEC 71A IE3 0.37 kW 50 Hz 3 x 220-240D/380-415Y V 1,74/1,00 A 490-530 % 0,80-0,70 2850-2880 rpm IE3 73,8% 73.8 % 73.8 % 79.0 % 75.5 % 2 55 Dust/Jetting F	28/02/2018



Company name: Created by: Phone:

		Date:	28/02/	2018	
Description	H [m]		CRI 3-2, 3*400 V, 50Hz		
General information:	Value	-			Hz
Product name:	CRI 3-2 A-CA-I-V-HQQV	_			
		14 -			
Product No:	96516743	12			
EAN number:	5700396749105	13 -			
Technical:		12 -			î
Speed for pump data:	2873 rpm	11 -			
Rated flow:	3 m ³ /h	10 -			
Rated head:	9.6 m	9 -			- 90
		8 -			- 80
Stages:	3				
Impellers:	2	7 -			- 70
Low NPSH:	Ν	6 -			- 60
Pump orientation:	Vertical	5 -			- 50
Shaft seal arrangement:	Single				
Code for shaft seal:	HQQV	4 -			- 40
Approvals on nameplate:	CE, EAC	3-			- 30
					20
Curve tolerance:	ISO9906:2012 3B	2-			
Pump version:	A	1-//-			- 10
Model:	A	o –			0
		0 0.5	1.0 1.5 2.0 2	.5 3.0 3.5 4.0 Q [m ²	-
Materials:		P [W]			N
Base:	Stainless steel	250 -			- 10
	EN 1.4408	200		P1	۲' ⁰
		200 -			- 8
	AISI 316	200			٢°
Impeller:	Stainless steel	150 -		P2	-6
	EN 1.4301	130			- F°
	AISI 304	100 -			4
Material code:	1	100			1
Code for rubber:	V	50 -			-2
Bearing material:	SIC	50-			F ²
Bearing material.	616				
Installation:		Ū			-0
Maximum ambient temperature:	40 °C				
	25 bar				
Maximum operating pressure:					
Max pressure at stated temp:	25 bar / 90 °C				
	25 bar / -20 °C				
Type of connection:	FlexiClamp				
Connect code:	CA				
Size of inlet connection:	DN 32				
	1 1/4 inch				
Size of outlot compactions					
Size of outlet connection:	DN 32				
	1 1/4 inch				
Pressure rating:	PN 25				
Flange size for motor:	FT85				
Liquid					
Liquid:	\M/otor				
Pumped liquid:	Water				
Liquid temperature range:	-20 90 °C				
Liquid temperature during operation:	20 °C				
Density:	998.2 kg/m ³				
Electrical data:					
	IEC				
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				



Company name: Created by: Phone:

Date: 28/02/2018 Description Value 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 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: NONE Frequency converter: Others: Minimum efficiency index, MEI : 0.7 Net weight: 16.5 kg Gross weight: 19.1 kg Shipping volume: 0.054 m³