	GRUNDFO	os X	Company nam Created by: Phone:	e:
			Date:	08/05/2019
Qty.	Description			
1	CRI 3-7A-CA-A-V-HQQV			
	Product No.: 96516748	Note! Product pictur	e may differ from actual	product
	Vertical, multistage centrifugal p contact with the liquid are in stai access and service. Power trans	nless steel. A cartride	ge shaft seal ensure	he level (inline). Pump materials in shigh reliability, safe handling, and easy connection is via FlexiClamps.
	The pump is fitted with a 3-phas	e, fan-cooled asynch	ronous motor.	
	Controls:			
	Frequency converter:	NONE		
	Liquid:			
	Pumped liquid:	Water		
	Liquid temperature range:	-20 90 °C		
	Selected liquid temperature:	20 °C		
	Density at selected liquid temper	rature: 998.2 kg/m ³		
	Technical:			
	Pump speed on which pump dat		pm	
	Rated flow:	3 m³/h		
	Rated head:	32.8 m		
	Pump orientation: Shaft seal arrangement:	Vertical Single		
	Code for shaft seal:	HQQV		
	Approvals on nameplate:	CE, EAC		
	Curve tolerance:	ISO9906:2012 3B		
	Materials:			
	Base:	Stainless steel		
		EN 1.4408		
	Impeller:	AISI 316 Stainless steel EN 1.4301		
	Bearing:	AISI 304 SIC		
	Installation:			
	Maximum ambient temperature:			
	Maximum operating pressure:			
	Max pressure at stated temp:	25 bar / 90 °C		



Company name: Created by: Phone:

	Date:	08/05/2019
Description		
	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 connect	tion: PN 25	
Flange size for motor:	FT85	
Electrical data:		
Motor standard:	IEC	
Motor type:	71B	
IE Efficiency class:	IE3	
Rated power - P2:	0.55 kW	
Power (P2) required by pump:		
Mains frequency:	50 Hz	
Rated voltage:	3 x 220-240D/380-415Y V	
Rated current:	2.50/1.44 A	
Starting current:	580-620 %	
Cos phi - power factor:	0.80-0.70	
Rated speed:	2830-2850 rpm	
Efficiency:	IE3 77,8%	
Motor efficiency at full load:	77.8 %	
Motor efficiency at 3/4 load:	81.5 %	
Motor efficiency at 1/2 load:	79.5 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor No:	85805103	
Others:		
Minimum efficiency index, MEI	≥: 0.70	
Net weight:	17.8 kg	
Gross weight:	20.6 kg	
Shipping volume:	0.063 m ³	
Country of origin:	GB	
Custom tariff no.:	84137075	
Custom tann no	64157075	



Company name: Created by: Phone:

Description Value General information: CRI 3-7A-CA-A-V-HQQV Product name: 96516748 CAN number: 5700396749204 Product No: 96516748 CAN number: 5700396749204 Product No: 96516748 CAN number: 5700396749204 Product No: 9856 rpm Cased: 3 m³/h Cased: 32.8 m Head max: 45.9 m	H [m] 50 - 45 - 40 - 35 - 30 -		CRI 3-	7, 3*400 V, 50Hz
General information: CRI Product name: 3-7A-CA-A-V-HQQV Product No: 96516748 SAN number: 5700396749204 General: 2856 rpm Pump speed on which pump data are based: 3 m³/h Rated flow: 3 2.8 m	50 - 45 - 40 - 35 -			
Product name:3-7A-CA-A-V-HQQVProduct No:96516748Product No:5700396749204Product No:5700396749204Product I:2856 rpmPump speed on which pump data are lased:2856 rpmRated flow:3 m³/hRated head:32.8 m	45 - 40 - 35 -			
AN number: 5700396749204 Cechnical: Pump speed on which pump data are assed: 2856 rpm Rated flow: 3 m³/h Rated head: 32.8 m	40			
Technical: Pump speed on which pump data are ased: 2856 rpm Rated flow: 3 m³/h Rated head: 32.8 m	40			
Pump speed on which pump data are 2856 rpm ased: 3 m³/h 32.8 m	35 -			
ased: 2000 pm Rated flow: 3 m³/h Rated head: 32.8 m	_			
Rated head: 32.8 m	30 -			
	30 -			
lead max: 45.9 m				
	25 -			
Stages: 7				
mpellers: 7	20 -			
Jumber of reduced-diameter impellers: 0	- []			
ow NPSH: N	15-			
Pump orientation: Vertical	10 -			
Shaft seal arrangement: Single				
Code for shaft seal: HQQV	5-//			
Approvals on nameplate: CE, EAC				
Curve tolerance: ISO9906:2012 3B	0 <u>/</u>	10 15 22	2.5 3.0 3.5	E 40.01.00
	0 0.5 P	1.0 1.5 2.0	2.5 3.0 3.9	5 4.0 Q [m³/h]
•	[Ŵ]			
Andel: A	_			P1
	600 -			
Base: Stainless steel	500 -			P2
EN 1.4408	400 -			P2
AISI 316	400 -			
mpeller: Stainless steel	300 -			/
EN 1.4301	200 -			
AISI 304	100			
Alterial code: A	100 -			
Code for rubber: V	₀			
Bearing: SIC				
nstallation:				
Aximum ambient temperature: 40 °C				
Aximum operating pressure: 25 bar				
Ax pressure at stated temp: 25 bar / 90 °C				
25 bar / -20 °C				
ype 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				
Tange size for motor: FT85				
Connect code: CA				
iquid:				
Pumped liquid: Water				
iquid temperature range: -20 90 °C				
Selected liquid temperature: 20 °C				
Density at selected liquid temperature: 998.2 kg/m ³				
Electrical data:				
Notor standard: IEC				
Actor type: 71B				
E Efficiency class: IE3				
Rated power - P2: 0.55 kW				
Power (P2) required by pump: 0.55 kW				
Alains frequency: 50 Hz				
Rated voltage: 3 x 220-240D/380-415	Y			



Company name: Created by: Phone:

		Date:	08/05/2019	
Description	Value			
Rated current:	2.50/1.44 A			
Starting current:	580-620 %			
Cos phi - power factor:	0.80-0.70			
Rated speed:	2830-2850 rpm			
Efficiency:	IE3 77,8%			
Motor efficiency at full load:	77.8 %			
Motor efficiency at 3/4 load:	81.5 %			
Motor efficiency at 1/2 load:	79.5 %			
Number of poles:	2			
Enclosure class (IEC 34-5):	55 Dust/Jetting			
Insulation class (IEC 85):	F			
Motor protec:	NONE			
Motor No:	85805103			
Controls:				
Frequency converter:	NONE			
Others:				
Minimum efficiency index, MEI ≥:	0.70			
Net weight:	17.8 kg			
Gross weight:	20.6 kg			
Shipping volume:	0.063 m ³			
Country of origin:	GB			
Custom tariff no.:	84137075			