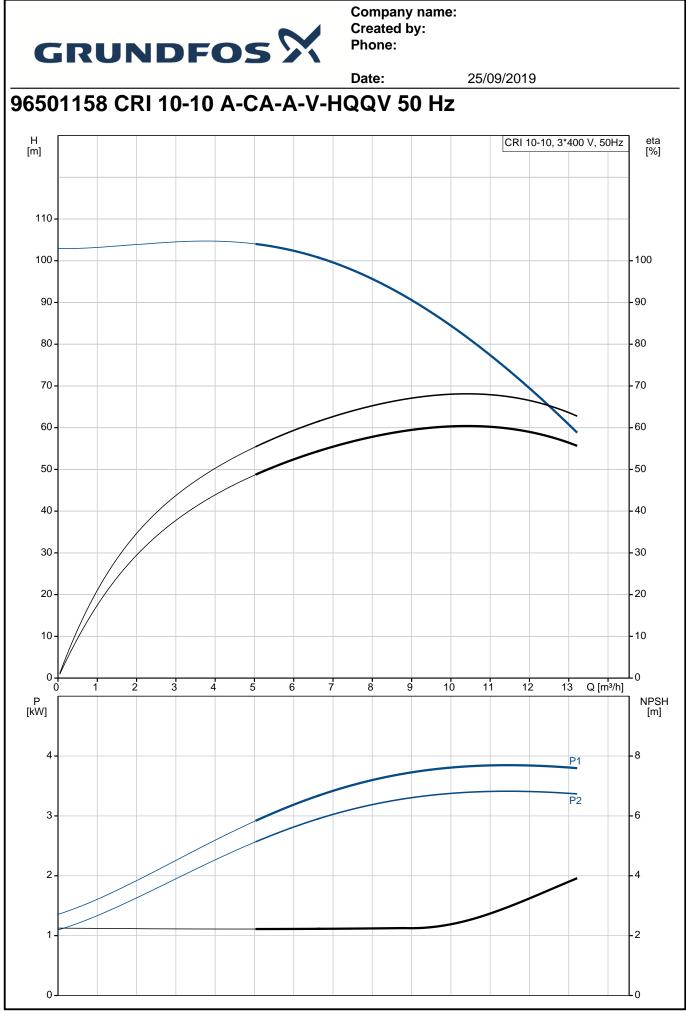
	GRUNDFO	os X	Company n Created by: Phone:		
			Date:	25/09/2019	
.	Description				
	CRI 10-10 A-CA-A-V-HQQV				
	Product No.: 96501158				
	contact with the liquid are in stair	iless steel. A cartri	dge shaft seal en	ne the level (inline). Pump materials in sures high reliability, safe handling, and Pipe connection is via FlexiClamps.	d easy
	The pump is fitted with a 3-phase The pump is fitted with a 3-phase				
	Controls:				
	Frequency converter:	NONE			
	Liquid:				
	•	Water			
	Liquid temperature range:	-20 90 °C			
	Selected liquid temperature:	20 °C			
	Density at selected liquid temper		3		
	Technical:	are based 201			
	Pump speed on which pump data		rpm		
	Rated flow:	10 m³/h			
	Rated head:	81.6 m			
	Pump orientation:	Vertical			
	Shaft seal arrangement:	Single			
	Code for shaft seal:	HQQV			
	Approvals on nameplate:	CE, EAC			
	Curve tolerance:	ISO9906:2012 3B			
		1000000.2012 08			
	Materials:				
	Base:	Stainless steel			
		EN 1.4408			
		AISI 316			
	Impeller:	Stainless steel			
		EN 1.4301			
		AISI 304			
	Bearing:	SIC			
	Installation:				
	Maximum ambient temperature:	60 °C			
	Maximum operating pressure:	16 bar			
	Max pressure at stated temp:	16 bar / 90 °C			
	max procedie at stated temp.	16 bar / -20 °C			
	Type of connection:	FlexiClamp			
	Size of inlet connection:	DN 50			
	Size of outlet connection:	DN 50			
	Pressure rating for pipe connecti Flange size for motor:	on: PN 25 FT130			



Company name: Created by: Phone:

Description Electrical data: Motor standard: EC Motor standard: IEC Motor standard: IES Rated power - P2: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated voltage: 3 x 220-240D/380-415Y V Rated voltage: 3 x 220-240D pm Efficiency: 1000-1110 % Cose phi - power factor: 0.87-0.87 Rated speed: 2920-2940 pm Efficiency: EI 88.1% Motor efficiency at full load: 88.5 % Motor efficiency at full load: 88.6 % Motor efficiency at full load: 85.2 % Number of poles: 2 Enclosure class (IEC 63-5): 55 Dust/Jetting Insulation class (IEC 63-5): 55 Dust/Jetting Insulation class (IEC 63-5): 55 Dust/Jetting Insulation class (IEC 63-5): 5 Motor No: 85U05413 Others: 70 kg Gross weight: 74 kg Shipping volume: <t< th=""><th></th><th>Date:</th><th>25/09/2019</th></t<>		Date:	25/09/2019
Motor standard:IECMotor type:112MCIE Efficiency class:IE3Rated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:13.6/7.90 AStarting current:1000-1110 %Cos phi - power factor:0.87-0.87Rated speed:2920-2940 rpmEfficiency:IE3 88,1%Motor efficiency at full load:88.6 %Motor efficiency at 1/2 load:85.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 45):FMotor No:85U05413Others:Minimum efficiency index, MEIMinimum efficiency index, MEI0.70Net weight:70 kgGross weight:74 kg	Description		
Motor type:112MCIE Efficiency class:IE3Rated power - P2:4 kWPower (P2) required by pump:4 kWMains frequency:50 HzRated voltage:3 x 220-240D/380-415Y VRated current:13.6/7.90 AStarting current:1000-1110 %Cos phi - power factor:0.87-0.87Rated speed:2920-2940 rpmEfficiency:IE3 88,1%Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6 %Motor efficiency at 3/4 load:85.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 45):FMotor No:85U05413Others:Minimum efficiency index, MEIMinimum efficiency index, MEI70 kgGross weight:74 kg			
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Rated power - P2: 4 kW Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 13.6/7.90 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05413 Others: 70 kg Gross weight: 70 kg			
Power (P2) required by pump: 4 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 13.6/7.90 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05413 Others: 70 kg Gross weight: 70 kg			
Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 13.6/7.90 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05413	Rated power - P2:		
Rated voltage: 3 x 220-240D/380-415Y V Rated current: 13.6/7.90 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 1/2 load: 88.6 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05413 Others: 0.70 Minimum efficiency index, MEI 0.70 Net weight: 70 kg Gross weight: 74 kg			
Rated current: 13.6/7.90 A Starting current: 1000-1110 % Cos phi - power factor: 0.87-0.87 Rated speed: 2920-2940 rpm Efficiency: IE3 88,1% Motor efficiency at full load: 88.1 % Motor efficiency at 3/4 load: 88.6 % Motor efficiency at 1/2 load: 85.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05413 Others: 70 kg Gross weight: 74 kg			
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Cos phi - power factor:0.87-0.87Rated speed:2920-2940 rpmEfficiency:IE3 88,1%Motor efficiency at full load:88.1 %Motor efficiency at 3/4 load:88.6 %Motor efficiency at 1/2 load:85.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U05413Others:Minimum efficiency index, MEI:0.70Net weight:70 kgGross weight:74 kg			
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Motor efficiency at 1/2 load:85.2 %Number of poles:2Enclosure class (IEC 34-5):55 Dust/JettingInsulation class (IEC 85):FMotor No:85U05413Others:Minimum efficiency index, MEI:0.70Net weight:70 kgGross weight:74 kg			
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Insulation class (IEC 85): F Motor No: 85U05413 Others: Minimum efficiency index, MEI : 0.70 Net weight: 70 kg Gross weight: 74 kg	Number of poles:		
Motor No:85U05413Others:		55 Dust/Jetting	
Others:Minimum efficiency index, MEI: 0.70Net weight:70 kgGross weight:74 kg			
Minimum efficiency index, MEI: 0.70Net weight:70 kgGross weight:74 kg	MOTOR NO:	85005413	
Minimum efficiency index, MEI: 0.70Net weight:70 kgGross weight:74 kg	Others:		
Net weight:70 kgGross weight:74 kg		EI : 0.70	
Gross weight: 74 kg			
Shipping volume: 0.13 m³			
	Shipping volume:	0.13 m ³	





Company name: Created by: Phone:

		Date:	25/09/2019
Description	Value	H [m]	CRI 10-10, 3*400 V, 50Hz [%
General information:			
Product name:	CRI 10-10 A-CA-A-V-HQQV	110-	
Product No:	96501158	100 -	100
EAN number:	5700396216515 5700396216515	90 -	90
Technical:		80 -	80
Pump speed on which pump data are	004-	70 -	70
based:	2917 rpm	60 -	
Rated flow:	10 m³/h	_	
Rated head:	81.6 m	50 -	-50
Head max:	102 m	40 -	40
Stages:	10		
Impellers:	10	30-	- 30
Number of reduced-diameter impellers:	0	20 -	- 20
Low NPSH:	Ν		
Pump orientation:	Vertical	10 -	
Shaft seal arrangement:	Single	o /	0
Code for shaft seal:	HQQV	0 2	4 6 8 10 12 Q [m ³ /h]
Approvals on nameplate:	CE, EAC	P [kW]	NPS [m]
Curve tolerance:	ISO9906:2012 3B	[KVV] 4 -	
Pump version:	A		P1 8
Model:	A		P2 6
Materials:		3-	6
Base:	Stainless steel		
2000.	EN 1.4408	2-	4
Impollor	AISI 316 Staipless steel	1-	2
Impeller:	Stainless steel		
	EN 1.4301	0	0
Motorial as day	AISI 304		
Material code:	A	134	
Code for rubber:	V		
Bearing:	SIC		
Installation:		372	N
Maximum ambient temperature:	60 °C		L]
Maximum operating pressure:	16 bar		
Max pressure at stated temp:	16 bar / 90 °C	<u>G 1/2</u>	G 1/2
	16 bar / -20 °C		T .
Type of connection:	FlexiClamp	6 1/2	
Size of inlet connection:	DN 50		
Size of outlet connection:	DN 50		
Pressure rating for pipe connection:	PN 25		
Flange size for motor:	FT130	200	
Connect code:	CA		
Liquid:			
Pumped liquid:	Water	-	
Liquid temperature range:	-20 90 °C	-	Y
Selected liquid temperature:	-20 °C		
Density at selected liquid temperature:	20 °C 998.2 kg/m ³	-	™ ₽
	000.2 Ng/111-		
Electrical data:	IEC		
Motor standard:	IEC 112MC	TO AMPLIFIER RELAY	
Motor type:	112MC	L1 L2 L3	
IE Efficiency class:	IE3		
Rated power - P2:	4 kW		
Power (P2) required by pump:	4 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 220-240D/380-415Y		
-	V	TO AMPLIFIER RELAY	
Rated current:	13.6/7.90 A	- L1 L2 L3	

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Company name: Created by: Phone:

		Date:	25/09/2019
Description	Value		
Starting current:	1000-1110 %		
Cos phi - power factor:	0.87-0.87		
Rated speed:	2920-2940 rpm		
Efficiency:	IE3 88,1%		
Notor efficiency at full load:	88.1 %		
Notor efficiency at 3/4 load:	88.6 %		
Motor efficiency at 1/2 load:	85.2 %		
Number of poles:	2		
Enclosure class (IEC 34-5):	55 Dust/Jetting		
nsulation class (IEC 85):	F		
lotor protec:	PTC		
Notor No:	85U05413		
Controls:			
Frequency converter:	NONE		
Others:			
Inimum efficiency index, MEI :	0.70		
Net weight:	70 kg		
Gross weight:	74 kg		
Shipping volume:	0.13 m ³		

