Company name:
Created by:
Phone:

Date: 08/05/2019

Qty.	Description
1	**CRI 1-33A-FGJ-A-V-HQQV**

Note! Product picture may differ from actual product

Product No.: 96556933

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS flanges.

The pump is fitted with a 1-phase, fan-cooled asynchronous motor.

Controls:

Frequency converter:	NONE

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m³

Technical:

Pump speed on which pump data are based:	2730 rpm
Rated flow:	1.8 m³/h
Rated head:	144.6 m
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	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:	SIC

Installation:

Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar

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Qty.	Description	
	Max pressure at stated temp:	25 bar / 90 °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 connection:	PN 25
	Flange rating inlet:	300 lb
	Flange size for motor:	FT115
	Electrical data:	
	Motor standard:	IEC
	Motor type:	90LC
	Rated power - P2:	2.2 kW
	Power (P2) required by pump:	2.2 kW
	Mains frequency:	50 Hz
	Rated voltage:	1 x 220-230/240 V
	Rated current:	14,0-13,6/12,6 A
	Starting current:	330 %
	Cos phi - power factor:	1.00
	Rated speed:	2730/2720 rpm
	Motor efficiency at full load:	75 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85215708
	Others:	
	Minimum efficiency index, MEI â‰¥:	0.70
	Net weight:	51.1 kg
	Gross weight:	55.7 kg
	Shipping volume:	0.148 m³
	Country of origin:	GB
	Custom tariff no.:	84137075

Company name:
Created by:
Phone:

Date: 08/05/2019

Description	Value
General information:	
Product name:	CRI 1-33A-FGJ-A-V-HQQV
Product No:	96556933
EAN number:	5700399042029
Technical:	
Pump speed on which pump data are based:	2730 rpm
Rated flow:	1.8 m³/h
Rated head:	144.6 m
Head max:	199.8 m
Stages:	33
Impellers:	33
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CE, EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
Installation:	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °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 connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT115
Connect code:	FGJ
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	90LC
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz
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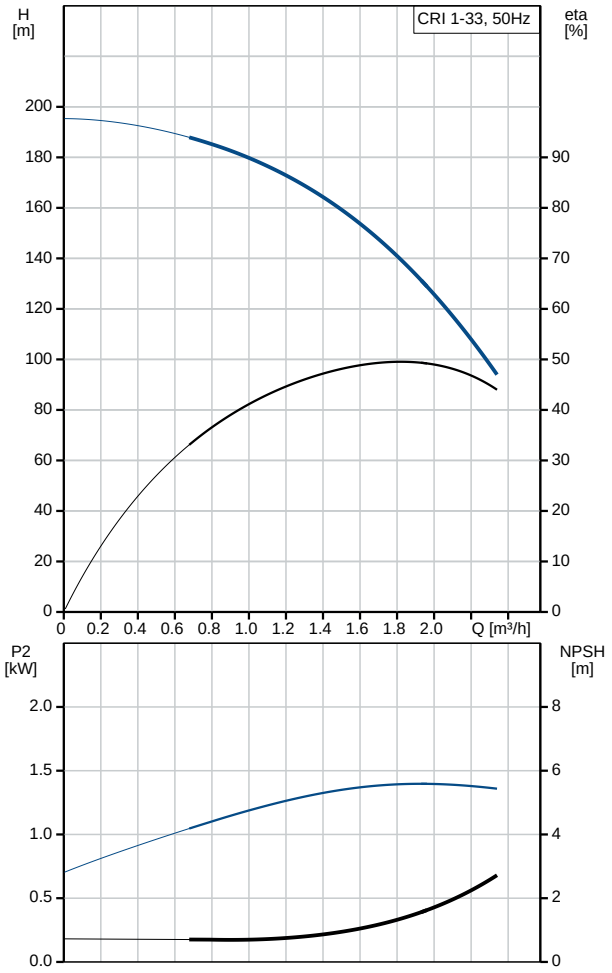

Company name:
Created by:
Phone:

Date: 08/05/2019

Description	Value
Starting current:	330 %
Cos phi - power factor:	1.00
Rated speed:	2730/2720 rpm
Motor efficiency at full load:	75 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTO
Motor No:	85215708
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI â‰¥:	0.70
Net weight:	51.1 kg
Gross weight:	55.7 kg
Shipping volume:	0.148 m³
Country of origin:	GB
Custom tariff no.:	84137075