

Qty.	Description
1	<p>CRI 1S-5A-CA-A-V-HQQV</p>  <p>Product No.: 96515810</p> <p>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. Power transmission is via a rigid split coupling. Pipe connection is via FlexiClamps.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Controls: Frequency converter: NONE</p> <p>Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 90 °C Selected liquid temperature: 20 °C Density at selected liquid temperature: 998.2 kg/m³</p> <p>Technical: Pump speed on which pump data are based: 2873 rpm Rated flow: 0.9 m³/h Rated head: 21.1 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQV Approvals on nameplate: CE, EAC Curve tolerance: ISO9906:2012 3B</p> <p>Materials: Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC</p> <p>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: 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</p>



Company name:

Created by:

Phone:

Date:

07/05/2019

Qty.	Description
Electrical data:	
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
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 No:	85805102
Others:	
Minimum efficiency index, MEI %:	0.54
Net weight:	17.5 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m ³
Country of origin:	GB
Custom tariff no.:	84137075



Company name:

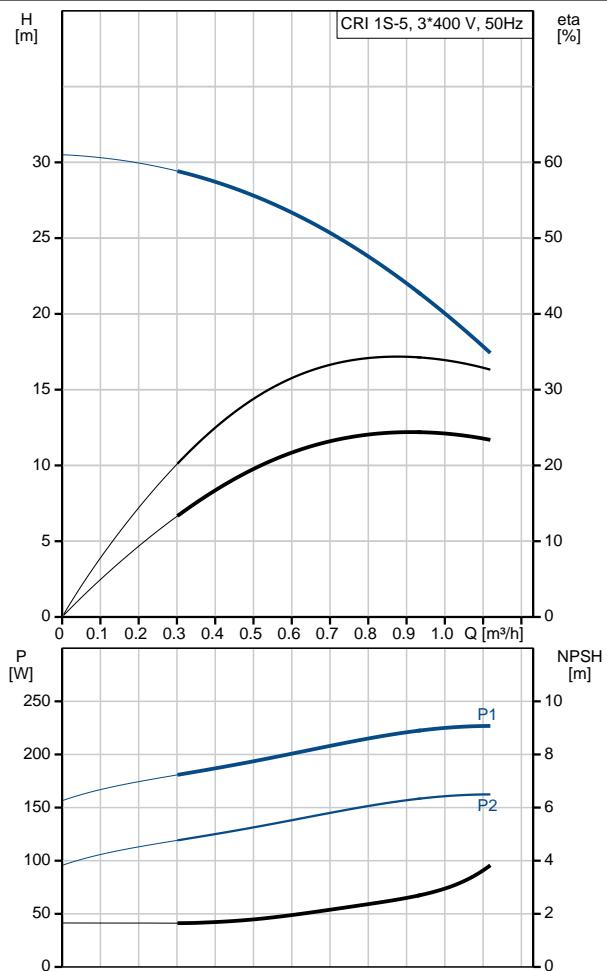
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07/05/2019

Description	Value
General information:	
Product name:	CRI
	1S-5A-CA-A-V-HQQV
Product No:	96515810
EAN number:	5700396731810
Technical:	
Pump speed on which pump data are based:	2873 rpm
Rated flow:	0.9 m ³ /h
Rated head:	21.1 m
Head max:	30.3 m
Stages:	5
Impellers:	5
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:	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
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m ³
Electrical data:	
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





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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:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI %:	0.54
Net weight:	17.5 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m ³
Country of origin:	GB
Custom tariff no.:	84137075