



Company name:  
Created by:  
Phone:

Date: 08/05/2019

Qty.	Description
1	<p><b>CRI 1-27A-FGJ-A-V-HQQV</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: <a href="#">96530622</a></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. 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.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p><b>Controls:</b> Frequency converter: NONE</p> <p><b>Liquid:</b> 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><b>Technical:</b> Pump speed on which pump data are based: 2896 rpm Rated flow: 1.8 m³/h Rated head: 128.3 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><b>Materials:</b> Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC</p> <p><b>Installation:</b> Maximum ambient temperature: 60 °C Maximum operating pressure: 25 bar</p>



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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
	<b>Electrical data:</b>
	Motor standard: IEC
	Motor type: 90SB
	IE Efficiency class: IE3
	Rated power - P2: 1.5 kW
	Power (P2) required by pump: 1.5 kW
	Mains frequency: 50 Hz
	Rated voltage: 3 x 220-240D/380-415Y V
	Rated current: 5.45/3.15 A
	Starting current: 850-930 %
	Cos phi - power factor: 0.87-0.82
	Rated speed: 2890-2910 rpm
	Efficiency: IE3 84,2%
	Motor efficiency at full load: 84.2 %
	Motor efficiency at 3/4 load: 84.5 %
	Motor efficiency at 1/2 load: 83.1 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U05906
	<b>Others:</b>
	Minimum efficiency index, MEI %: 0.70
	Net weight: 43.3 kg
	Gross weight: 46.2 kg
	Shipping volume: 0.13 m <sup>3</sup>
	Country of origin: GB
	Custom tariff no.: 84137075



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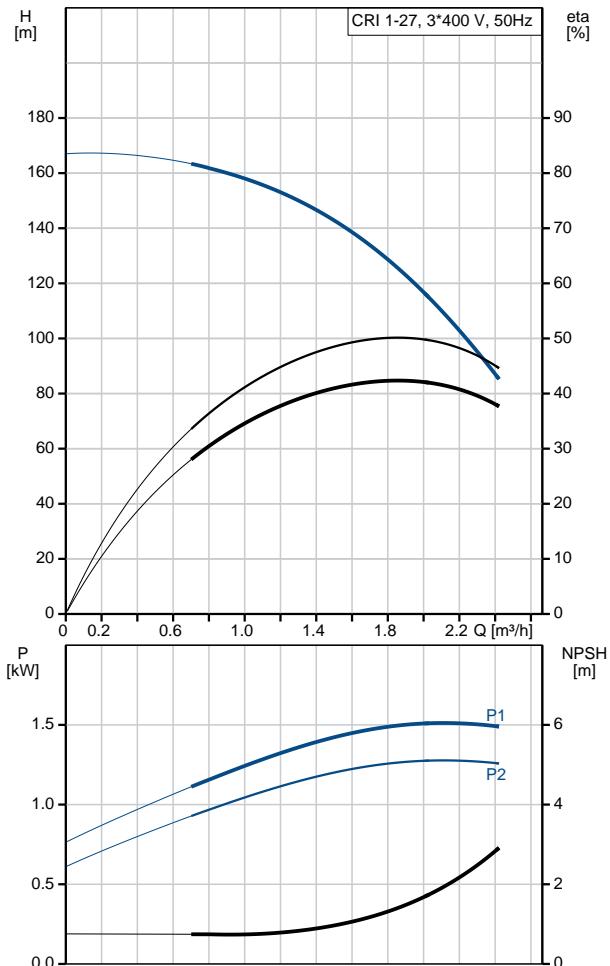
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Description	Value
<b>General information:</b>	
Product name:	CRI
	1-27A-FGJ-A-V-HQQV
Product No:	96530622
EAN number:	5700397212813
<b>Technical:</b>	
Pump speed on which pump data are based:	2896 rpm
Rated flow:	1.8 m <sup>3</sup> /h
Rated head:	128.3 m
Head max:	168 m
Stages:	27
Impellers:	27
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
<b>Materials:</b>	
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
<b>Installation:</b>	
Maximum ambient temperature:	60 °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
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	90SB
IE Efficiency class:	IE3
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 kW
Mains frequency:	50 Hz





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Description	Value
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	5.45/3.15 A
Starting current:	850-930 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2890-2910 rpm
Efficiency:	IE3 84,2%
Motor efficiency at full load:	84.2 %
Motor efficiency at 3/4 load:	84.5 %
Motor efficiency at 1/2 load:	83.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05906
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI %:	0.70
Net weight:	43.3 kg
Gross weight:	46.2 kg
Shipping volume:	0.13 m <sup>3</sup>
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075