



Company name:  
Created by:  
Phone:

Date: 07/05/2019

Qty.	Description
1	<p><b>CRI 20-7A-FGJ-A-V-HQQV</b></p>  <p><b>Note! Product picture may differ from actual product</b></p> <p>Product No.: <a href="#">96500613</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: 2919 rpm Rated flow: 21 m³/h Rated head: 81.7 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>



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	<b>Installation:</b> Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C
	Type of connection: DIN / ANSI / JIS Size of inlet connection: DN 50 2 inch
	Size of outlet connection: DN 50 2 inch
	Pressure rating for pipe connection: PN 25
	Flange rating inlet: 300 lb
	Flange size for motor: FF265
	<b>Electrical data:</b> Motor standard: IEC Motor type: 132SB IE Efficiency class: IE3 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415D/660-690Y V Rated current: 14,4-14,0/8,30-8,10 A Starting current: 780-910 % Cos phi - power factor: 0.88-0.82 Rated speed: 2910-2920 rpm Efficiency: IE3 90,1% Motor efficiency at full load: 90.1-90.4 % Motor efficiency at 3/4 load: 90.8 % Motor efficiency at 1/2 load: 90.8 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U17522
	<b>Others:</b> Minimum efficiency index, MEI %: 0.70 Net weight: 100 kg Gross weight: 122 kg Shipping volume: 0.285 m <sup>3</sup> Country of origin: GB Custom tariff no.: 84137075



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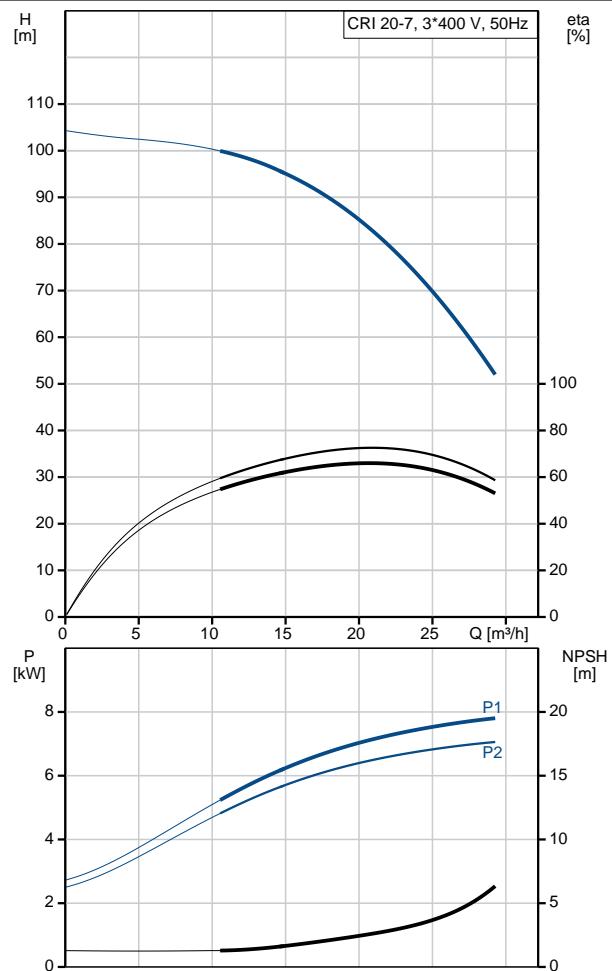
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Description	Value
<b>General information:</b>	
Product name:	CRI
	20-7A-FGJ-A-V-HQQV
Product No:	96500613
EAN number:	5700396205328
<b>Technical:</b>	
Pump speed on which pump data are based:	2919 rpm
Rated flow:	21 m <sup>3</sup> /h
Rated head:	81.7 m
Head max:	103 m
Stages:	7
Impellers:	7
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:	16 bar
Max pressure at stated temp:	16 bar / 90 °C 16 bar / -20 °C
Type of connection:	DIN / ANSI / JIS
Size of inlet connection:	DN 50 2 inch
Size of outlet connection:	DN 50 2 inch
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FF265
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:	132SB
IE Efficiency class:	IE3
Rated power - P2:	7.5 kW
Power (P2) required by pump:	7.5 kW
Mains frequency:	50 Hz





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Description	Value
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	14,4-14,0/8,30-8,10 A
Starting current:	780-910 %
Cos phi - power factor:	0.88-0.82
Rated speed:	2910-2920 rpm
Efficiency:	IE3 90,1%
Motor efficiency at full load:	90.1-90.4 %
Motor efficiency at 3/4 load:	90.8 %
Motor efficiency at 1/2 load:	90.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17522
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI %:	0.70
Net weight:	100 kg
Gross weight:	122 kg
Shipping volume:	0.285 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075