
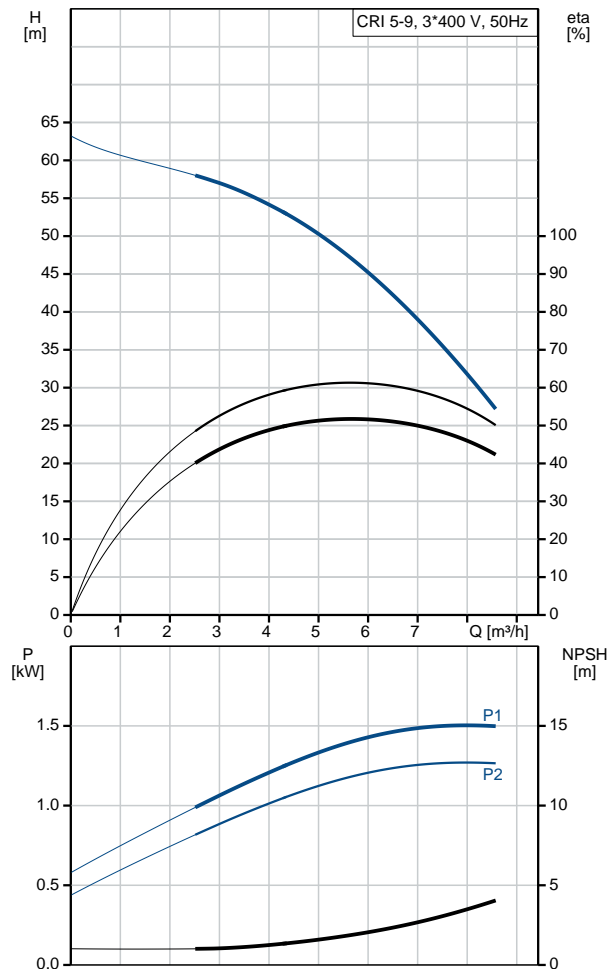


Qty.	Description
1	<p data-bbox="197 338 485 369">CRI 5-9A-CA-A-V-HQQV</p>  <p data-bbox="197 660 469 692">Product No.: 96517126</p> <p data-bbox="197 719 1449 797">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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 FlexiClamps.</p> <p data-bbox="197 833 936 864">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="197 896 316 927">Controls:</p> <p data-bbox="197 927 638 958">Frequency converter: NONE</p> <p data-bbox="197 985 288 1016">Liquid:</p> <p data-bbox="197 1016 638 1048">Pumped liquid: Water</p> <p data-bbox="197 1048 694 1079">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="197 1079 630 1111">Selected liquid temperature: 20 °C</p> <p data-bbox="197 1111 778 1142">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="197 1169 327 1200">Technical:</p> <p data-bbox="197 1200 821 1232">Pump speed on which pump data are based: 2896 rpm</p> <p data-bbox="197 1232 662 1263">Rated flow: 5.8 m³/h</p> <p data-bbox="197 1263 646 1294">Rated head: 47.7 m</p> <p data-bbox="197 1294 646 1326">Pump orientation: Vertical</p> <p data-bbox="197 1326 638 1357">Shaft seal arrangement: Single</p> <p data-bbox="197 1357 638 1388">Code for shaft seal: HQQV</p> <p data-bbox="197 1388 662 1420">Approvals on nameplate: CE, EAC</p> <p data-bbox="197 1420 766 1451">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="197 1478 319 1509">Materials:</p> <p data-bbox="197 1509 726 1576">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="197 1576 726 1644">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="197 1644 606 1711">Bearing: SIC</p> <p data-bbox="197 1738 343 1769">Installation:</p> <p data-bbox="197 1769 630 1800">Maximum ambient temperature: 60 °C</p> <p data-bbox="197 1800 638 1832">Maximum operating pressure: 25 bar</p> <p data-bbox="197 1832 734 1899">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="197 1899 694 1930">Type of connection: FlexiClamp</p> <p data-bbox="197 1930 678 1998">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="197 1998 678 2065">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="197 2065 686 2096">Pressure rating for pipe connection: PN 25</p> <p data-bbox="197 2096 638 2128">Flange size for motor: FT115</p>

Qty.	Description
	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 90SB</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 1.5 kW</p> <p>Power (P2) required by pump: 1.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 5.45/3.15 A</p> <p>Starting current: 850-930 %</p> <p>Cos phi - power factor: 0.87-0.82</p> <p>Rated speed: 2890-2910 rpm</p> <p>Efficiency: IE3 84,2%</p> <p>Motor efficiency at full load: 84.2 %</p> <p>Motor efficiency at 3/4 load: 84.5 %</p> <p>Motor efficiency at 1/2 load: 83.1 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 85U05906</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.57</p> <p>Net weight: 33.3 kg</p> <p>Gross weight: 37.4 kg</p> <p>Shipping volume: 0.092 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CRI 5-9A-CA-A-V-HQQV
Product No:	96517126
EAN number:	5700396756707
Technical:	
Pump speed on which pump data are based:	2896 rpm
Rated flow:	5.8 m ³ /h
Rated head:	47.7 m
Head max:	63.9 m
Stages:	9
Impellers:	9
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:	60 °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:	FT115
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:	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





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
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
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.57
Net weight:	33.3 kg
Gross weight:	37.4 kg
Shipping volume:	0.092 m ³
Country of origin:	GB
Custom tariff no.:	84137075