
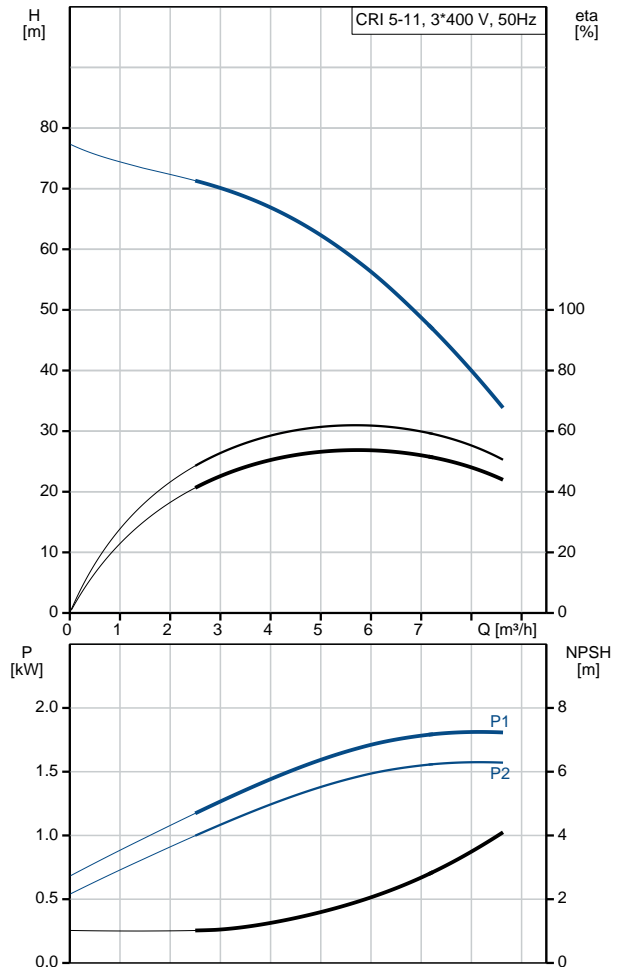


Qty.	Description
1	<p data-bbox="199 338 497 367"><b>CRI 5-11A-CA-A-V-HQQV</b></p>  <p data-bbox="199 660 469 689">Product No.: <a href="#">96517128</a></p> <p data-bbox="199 719 1449 797">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in 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="199 835 935 864">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 316 925"><b>Controls:</b></p> <p data-bbox="199 925 638 954">Frequency converter: NONE</p> <p data-bbox="199 985 287 1014"><b>Liquid:</b></p> <p data-bbox="199 1014 638 1043">Pumped liquid: Water</p> <p data-bbox="199 1043 694 1072">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1072 630 1102">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1102 778 1131">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1162 327 1191"><b>Technical:</b></p> <p data-bbox="199 1191 821 1220">Pump speed on which pump data are based: 2899 rpm</p> <p data-bbox="199 1220 662 1249">Rated flow: 5.8 m<sup>3</sup>/h</p> <p data-bbox="199 1249 646 1279">Rated head: 56.5 m</p> <p data-bbox="199 1279 646 1308">Pump orientation: Vertical</p> <p data-bbox="199 1308 638 1337">Shaft seal arrangement: Single</p> <p data-bbox="199 1337 638 1366">Code for shaft seal: HQQV</p> <p data-bbox="199 1366 662 1395">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1395 762 1424">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1456 319 1485"><b>Materials:</b></p> <p data-bbox="199 1485 726 1514">Base: Stainless steel</p> <p data-bbox="566 1514 686 1543">EN 1.4408</p> <p data-bbox="566 1543 662 1572">AISI 316</p> <p data-bbox="199 1572 726 1601">Impeller: Stainless steel</p> <p data-bbox="566 1601 686 1630">EN 1.4301</p> <p data-bbox="566 1630 662 1659">AISI 304</p> <p data-bbox="199 1659 606 1688">Bearing: SIC</p> <p data-bbox="199 1720 343 1749"><b>Installation:</b></p> <p data-bbox="199 1749 630 1778">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1778 638 1807">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1807 734 1836">Max pressure at stated temp: 25 bar / 90 °C</p> <p data-bbox="566 1836 734 1865">25 bar / -20 °C</p> <p data-bbox="199 1865 694 1895">Type of connection: FlexiClamp</p> <p data-bbox="199 1895 638 1924">Size of inlet connection: DN 32</p> <p data-bbox="566 1924 678 1953">1 1/4 inch</p> <p data-bbox="199 1953 638 1982">Size of outlet connection: DN 32</p> <p data-bbox="566 1982 678 2011">1 1/4 inch</p> <p data-bbox="199 2011 686 2040">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2040 638 2069">Flange size for motor: FT115</p>

Qty.	Description
	<p><b>Electrical data:</b></p> <p>Motor standard: IEC</p> <p>Motor type: 90LC</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 2.2 kW</p> <p>Power (P2) required by pump: 2.2 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 7.70/4.45 A</p> <p>Starting current: 850-950 %</p> <p>Cos phi - power factor: 0.89-0.87</p> <p>Rated speed: 2890-2910 rpm</p> <p>Efficiency: IE3 85,9%</p> <p>Motor efficiency at full load: 85.9 %</p> <p>Motor efficiency at 3/4 load: 86.8 %</p> <p>Motor efficiency at 1/2 load: 86.0 %</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: 85U05908</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI <math>\hat{\alpha}\%</math>: 0.57</p> <p>Net weight: 37.6 kg</p> <p>Gross weight: 41.7 kg</p> <p>Shipping volume: 0.092 m<sup>3</sup></p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
<b>General information:</b>	
Product name:	CRI 5-11A-CA-A-V-HQQV
Product No:	96517128
EAN number:	5700396756745
<b>Technical:</b>	
Pump speed on which pump data are based:	2899 rpm
Rated flow:	5.8 m <sup>3</sup> /h
Rated head:	56.5 m
Head max:	76 m
Stages:	11
Impellers:	11
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:	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
<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:	90LC
IE Efficiency class:	IE3
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 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:	7.70/4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0.89-0.87
Rated speed:	2890-2910 rpm
Efficiency:	IE3 85,9%
Motor efficiency at full load:	85.9 %
Motor efficiency at 3/4 load:	86.8 %
Motor efficiency at 1/2 load:	86.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05908
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.57
Net weight:	37.6 kg
Gross weight:	41.7 kg
Shipping volume:	0.092 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075