


Qty.	Description
1	<p data-bbox="199 338 501 367"><b>CRI 1S-5A-CA-A-V-HQQV</b></p>  <p data-bbox="199 660 469 687">Product No.: <a href="#">96515810</a></p> <p data-bbox="199 719 1445 795">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 data-bbox="199 833 936 862">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 316 922"><b>Controls:</b></p> <p data-bbox="199 925 638 952">Frequency converter: NONE</p> <p data-bbox="199 985 288 1012"><b>Liquid:</b></p> <p data-bbox="199 1014 638 1041">Pumped liquid: Water</p> <p data-bbox="199 1043 694 1070">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1072 630 1099">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1102 778 1128">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1164 327 1191"><b>Technical:</b></p> <p data-bbox="199 1193 821 1220">Pump speed on which pump data are based: 2873 rpm</p> <p data-bbox="199 1223 662 1249">Rated flow: 0.9 m<sup>3</sup>/h</p> <p data-bbox="199 1252 646 1279">Rated head: 21.1 m</p> <p data-bbox="199 1281 646 1308">Pump orientation: Vertical</p> <p data-bbox="199 1310 638 1337">Shaft seal arrangement: Single</p> <p data-bbox="199 1339 638 1366">Code for shaft seal: HQQV</p> <p data-bbox="199 1368 662 1395">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1397 762 1424">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1460 319 1487"><b>Materials:</b></p> <p data-bbox="199 1489 726 1570">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1579 726 1659">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1668 606 1695">Bearing: SIC</p> <p data-bbox="199 1731 343 1758"><b>Installation:</b></p> <p data-bbox="199 1760 630 1787">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1789 638 1816">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1818 734 1877">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1886 694 1912">Type of connection: FlexiClamp</p> <p data-bbox="199 1915 678 1973">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1982 678 2040">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2049 686 2076">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2078 630 2105">Flange size for motor: FT85</p>

Qty.	Description
------	-------------

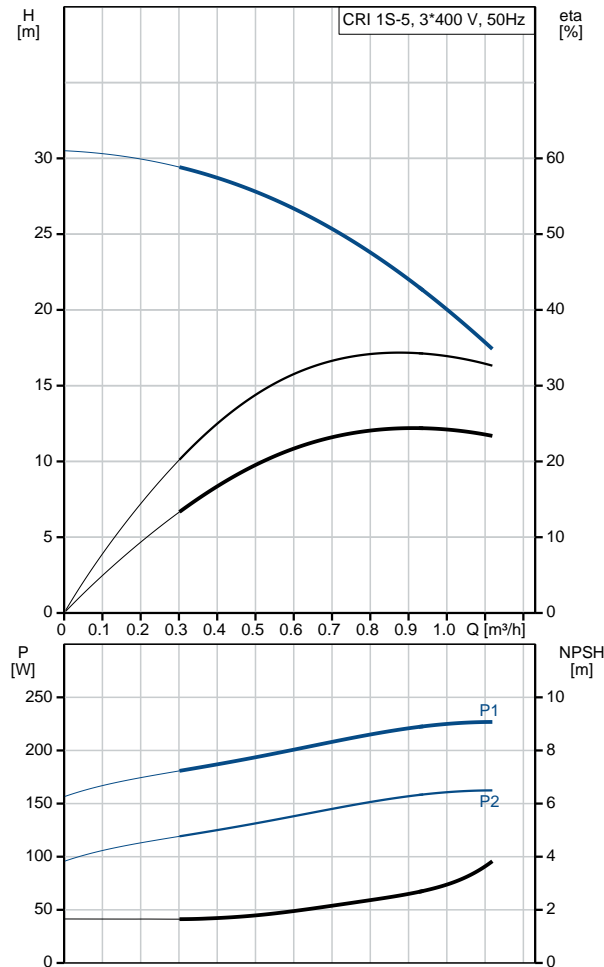
**Electrical data:**

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 $\hat{\alpha}\%$ :	0.54
Net weight:	17.5 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075

Description	Value
<b>General information:</b>	
Product name:	CRI 1S-5A-CA-A-V-HQQV
Product No:	96515810
EAN number:	5700396731810
<b>Technical:</b>	
Pump speed on which pump data are based:	2873 rpm
Rated flow:	0.9 m <sup>3</sup> /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
<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:	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
<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:	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





Company name:

Created by:

Phone:

Date:

07/05/2019

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
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.54
Net weight:	17.5 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075