


Qty.	Description
1	<p data-bbox="199 338 502 369">CRI 1S-7A-CA-A-V-HQQV</p> <div data-bbox="347 385 448 633">  </div> <p data-bbox="199 660 470 692">Product No.: 96515813</p> <p data-bbox="199 719 1444 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="199 835 933 866">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 311 927">Controls:</p> <p data-bbox="199 927 638 958">Frequency converter: NONE</p> <p data-bbox="199 987 295 1019">Liquid:</p> <p data-bbox="199 1019 638 1050">Pumped liquid: Water</p> <p data-bbox="199 1050 694 1081">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1081 630 1113">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1113 774 1144">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1173 327 1205">Technical:</p> <p data-bbox="199 1205 821 1236">Pump speed on which pump data are based: 2873 rpm</p> <p data-bbox="199 1236 662 1267">Rated flow: 0.9 m³/h</p> <p data-bbox="199 1267 646 1299">Rated head: 28.7 m</p> <p data-bbox="199 1299 646 1330">Pump orientation: Vertical</p> <p data-bbox="199 1330 638 1361">Shaft seal arrangement: Single</p> <p data-bbox="199 1361 638 1393">Code for shaft seal: HQQV</p> <p data-bbox="199 1393 670 1424">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1424 766 1456">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1485 327 1516">Materials:</p> <p data-bbox="199 1516 726 1579">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1579 726 1641">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1641 614 1704">Bearing: SIC</p> <p data-bbox="199 1733 343 1765">Installation:</p> <p data-bbox="199 1765 630 1796">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1796 638 1827">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1827 734 1890">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1890 694 1921">Type of connection: FlexiClamp</p> <p data-bbox="199 1921 678 1984">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1984 678 2047">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2047 686 2078">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2078 630 2110">Flange size for motor: FT85</p>

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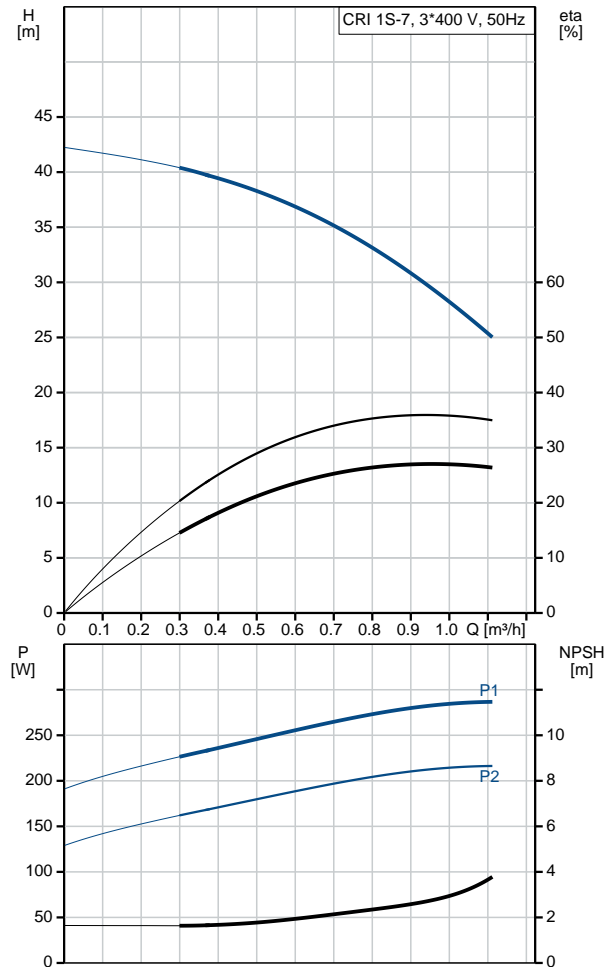
Electrical data:

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:	18.2 kg
Gross weight:	21 kg
Shipping volume:	0.063 m ³
Country of origin:	GB
Custom tariff no.:	84137075

Description	Value
General information:	
Product name:	CRI 1S-7A-CA-A-V-HQQV
Product No:	96515813
EAN number:	5700396731865
Technical:	
Pump speed on which pump data are based:	2873 rpm
Rated flow:	0.9 m ³ /h
Rated head:	28.7 m
Head max:	41.7 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
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:	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
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:	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
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.54
Net weight:	18.2 kg
Gross weight:	21 kg
Shipping volume:	0.063 m ³
Country of origin:	GB
Custom tariff no.:	84137075