


Qty.	Description
1	<p data-bbox="199 338 483 367">CRI 3-8A-CA-A-V-HQQV</p>  <p data-bbox="199 660 469 687">Product No.: 96516749</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="199 835 935 862">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 316 920">Controls:</p> <p data-bbox="199 925 638 952">Frequency converter: NONE</p> <p data-bbox="199 985 287 1010">Liquid:</p> <p data-bbox="199 1014 638 1041">Pumped liquid: Water</p> <p data-bbox="199 1046 694 1072">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1077 630 1104">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1108 778 1135">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1169 327 1193">Technical:</p> <p data-bbox="199 1198 821 1225">Pump speed on which pump data are based: 2864 rpm</p> <p data-bbox="199 1229 638 1256">Rated flow: 3 m³/h</p> <p data-bbox="199 1261 638 1288">Rated head: 38.3 m</p> <p data-bbox="199 1292 638 1319">Pump orientation: Vertical</p> <p data-bbox="199 1323 638 1350">Shaft seal arrangement: Single</p> <p data-bbox="199 1355 638 1382">Code for shaft seal: HQQV</p> <p data-bbox="199 1386 662 1413">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1417 762 1444">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1478 319 1503">Materials:</p> <p data-bbox="199 1507 726 1574">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1579 726 1646">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1673 606 1700">Bearing: SIC</p> <p data-bbox="199 1733 343 1758">Installation:</p> <p data-bbox="199 1762 630 1789">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1794 638 1821">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1825 734 1892">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1897 694 1924">Type of connection: FlexiClamp</p> <p data-bbox="199 1928 678 1995">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2000 678 2067">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2072 686 2098">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2103 638 2130">Flange size for motor: FT100</p>

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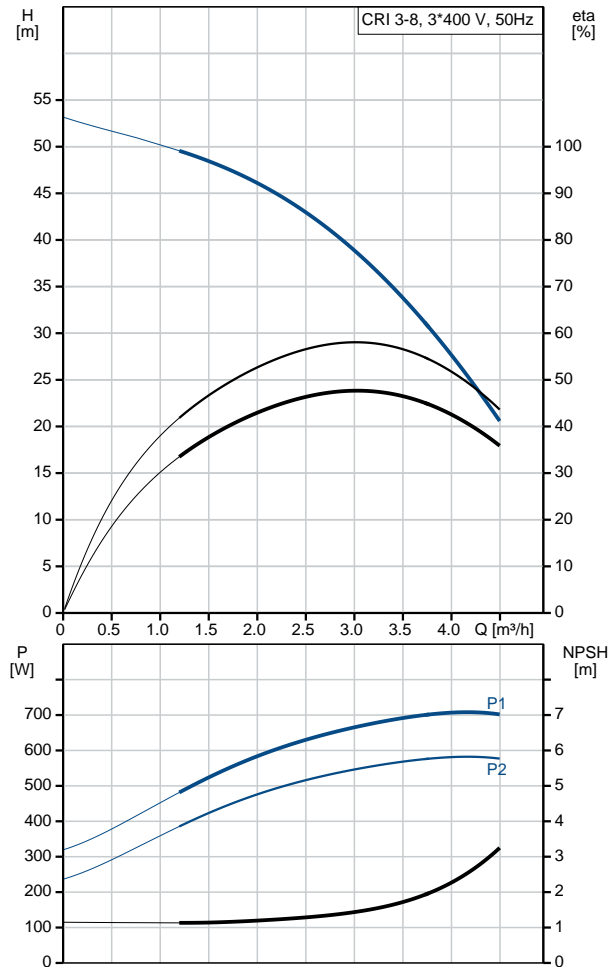
Electrical data:

Motor standard:	IEC
Motor type:	80A
IE Efficiency class:	IE3
Rated power - P2:	0.75 kW
Power (P2) required by pump:	0.75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	3.30/1.90 A
Starting current:	580-620 %
Cos phi - power factor:	0.81-0.71
Rated speed:	2840-2870 rpm
Efficiency:	IE3 80,7%
Motor efficiency at full load:	80.7 %
Motor efficiency at 3/4 load:	82.7 %
Motor efficiency at 1/2 load:	81.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor No:	85U05104

Others:

Minimum efficiency index, MEI $\hat{\alpha}\%$:	0.70
Net weight:	21.8 kg
Gross weight:	24.5 kg
Shipping volume:	0.063 m ³
Country of origin:	GB
Custom tariff no.:	84137075

Description	Value
General information:	
Product name:	CRI 3-8A-CA-A-V-HQQV
Product No:	96516749
EAN number:	5700396749228
Technical:	
Pump speed on which pump data are based:	2864 rpm
Rated flow:	3 m ³ /h
Rated head:	38.3 m
Head max:	52.8 m
Stages:	8
Impellers:	8
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:	FT100
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:	80A
IE Efficiency class:	IE3
Rated power - P2:	0.75 kW
Power (P2) required by pump:	0.75 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:	3.30/1.90 A
Starting current:	580-620 %
Cos phi - power factor:	0.81-0.71
Rated speed:	2840-2870 rpm
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Motor efficiency at full load:	80.7 %
Motor efficiency at 3/4 load:	82.7 %
Motor efficiency at 1/2 load:	81.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05104
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.70
Net weight:	21.8 kg
Gross weight:	24.5 kg
Shipping volume:	0.063 m ³
Country of origin:	GB
Custom tariff no.:	84137075