
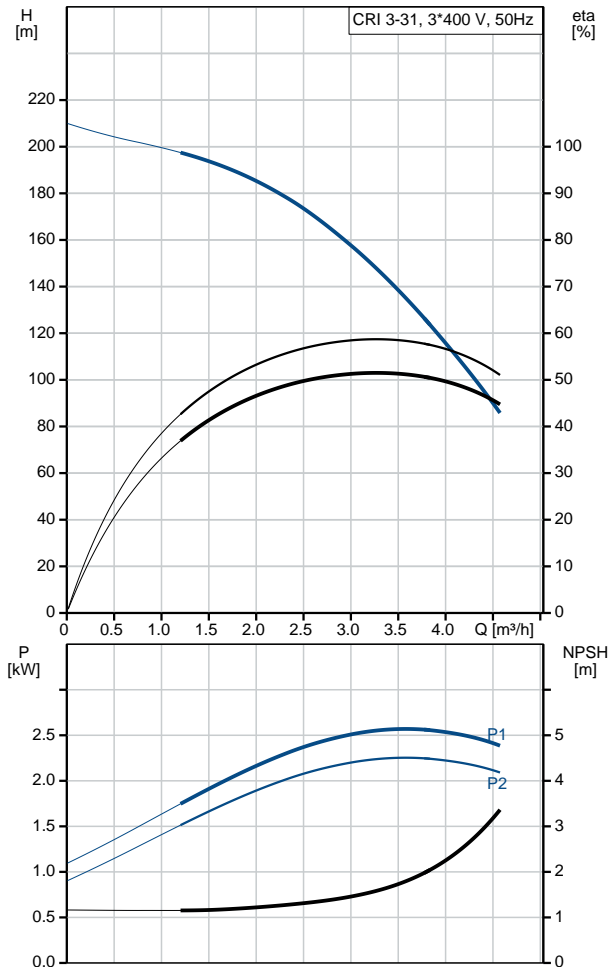


Qty.	Description
1	<p data-bbox="199 338 510 369">CRI 3-31A-FGJ-A-V-HQQV</p>  <p data-bbox="199 663 470 689">Product No.: 96527945</p> <p data-bbox="199 719 1449 824">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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 combined DIN-ANSI-JIS flanges.</p> <p data-bbox="199 864 938 891">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 925 316 952">Controls:</p> <p data-bbox="199 954 638 981">Frequency converter: NONE</p> <p data-bbox="199 1014 288 1041">Liquid:</p> <p data-bbox="199 1043 638 1070">Pumped liquid: Water</p> <p data-bbox="199 1072 694 1099">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1102 630 1128">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1131 778 1158">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1191 327 1218">Technical:</p> <p data-bbox="199 1220 821 1247">Pump speed on which pump data are based: 2902 rpm</p> <p data-bbox="199 1249 638 1276">Rated flow: 3 m³/h</p> <p data-bbox="199 1279 657 1305">Rated head: 153.2 m</p> <p data-bbox="199 1308 651 1335">Pump orientation: Vertical</p> <p data-bbox="199 1337 638 1364">Shaft seal arrangement: Single</p> <p data-bbox="199 1366 638 1393">Code for shaft seal: HQQV</p> <p data-bbox="199 1395 667 1422">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1424 762 1451">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1485 320 1512">Materials:</p> <p data-bbox="199 1514 726 1601">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1603 726 1691">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1693 606 1720">Bearing: SIC</p> <p data-bbox="199 1753 343 1780">Installation:</p> <p data-bbox="199 1783 630 1809">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1812 638 1839">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1841 734 1906">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1908 742 1935">Type of connection: DIN / ANSI / JIS</p> <p data-bbox="199 1937 678 2002">Size of inlet connection: DN 25/32 1 1/4 inch</p> <p data-bbox="199 2004 678 2069">Size of outlet connection: DN 25/32 1 1/4 inch</p> <p data-bbox="199 2072 686 2098">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2101 630 2128">Flange rating inlet: 300 lb</p>

Qty.	Description
	<p>Flange size for motor: FT130</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 100LC</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 3 kW</p> <p>Power (P2) required by pump: 3 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 11.0/6.30 A</p> <p>Starting current: 840-920 %</p> <p>Cos phi - power factor: 0.87-0.82</p> <p>Rated speed: 2900-2920 rpm</p> <p>Efficiency: IE3 87,1%</p> <p>Motor efficiency at full load: 87.1 %</p> <p>Motor efficiency at 3/4 load: 88.0 %</p> <p>Motor efficiency at 1/2 load: 87.7 %</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: 85U05510</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.70</p> <p>Net weight: 52.5 kg</p> <p>Gross weight: 57.8 kg</p> <p>Shipping volume: 0.133 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CRI 3-31A-FGJ-A-V-HQQV
Product No:	96527945
EAN number:	5700397101216
Technical:	
Pump speed on which pump data are based:	2902 rpm
Rated flow:	3 m ³ /h
Rated head:	153.2 m
Head max:	206.6 m
Stages:	31
Impellers:	31
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:	DIN / ANSI / JIS
Size of inlet connection:	DN 25/32 1 1/4 inch
Size of outlet connection:	DN 25/32 1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT130
Connect code:	FGJ
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:	100LC
IE Efficiency class:	IE3
Rated power - P2:	3 kW
Power (P2) required by pump:	3 kW
Mains frequency:	50 Hz





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	11.0/6.30 A
Starting current:	840-920 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2900-2920 rpm
Efficiency:	IE3 87,1%
Motor efficiency at full load:	87.1 %
Motor efficiency at 3/4 load:	88.0 %
Motor efficiency at 1/2 load:	87.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U05510
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI $\hat{a}\%$ ¥:	0.70
Net weight:	52.5 kg
Gross weight:	57.8 kg
Shipping volume:	0.133 m ³
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075