
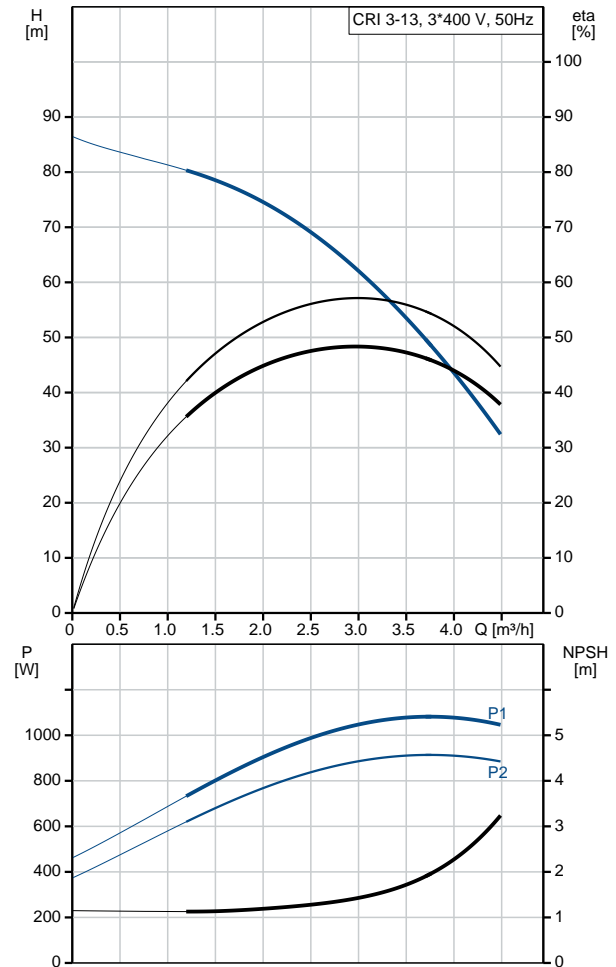


Qty.	Description
1	<p data-bbox="199 338 497 369">CRI 3-13A-CA-A-V-HQQV</p>  <p data-bbox="199 660 470 692">Product No.: 96516754</p> <p data-bbox="199 719 1449 797">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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="199 835 935 866">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 316 927">Controls:</p> <p data-bbox="199 927 638 958">Frequency converter: NONE</p> <p data-bbox="199 987 288 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 778 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: 2853 rpm</p> <p data-bbox="199 1236 638 1267">Rated flow: 3 m³/h</p> <p data-bbox="199 1267 638 1299">Rated head: 61.3 m</p> <p data-bbox="199 1299 638 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 662 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 319 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 606 1673">Bearing: SIC</p> <p data-bbox="199 1724 343 1756">Installation:</p> <p data-bbox="199 1756 630 1787">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1787 638 1818">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1818 734 1881">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1881 694 1912">Type of connection: FlexiClamp</p> <p data-bbox="199 1912 638 1944">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1944 638 1975">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1975 686 2007">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2007 638 2038">Flange size for motor: FT100</p>

Qty.	Description
	<p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 80C</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 1.1 kW</p> <p>Power (P2) required by pump: 1.1 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 4.35/2.50 A</p> <p>Starting current: 450-500 %</p> <p>Cos phi - power factor: 0.83-0.76</p> <p>Rated speed: 2840-2870 rpm</p> <p>Efficiency: IE3 82,7%</p> <p>Motor efficiency at full load: 82.7 %</p> <p>Motor efficiency at 3/4 load: 84.6 %</p> <p>Motor efficiency at 1/2 load: 85.4 %</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: 85U05105</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.70</p> <p>Net weight: 25.7 kg</p> <p>Gross weight: 28.6 kg</p> <p>Shipping volume: 0.074 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CRI 3-13A-CA-A-V-HQQV
Product No:	96516754
EAN number:	5700396749327
Technical:	
Pump speed on which pump data are based:	2853 rpm
Rated flow:	3 m ³ /h
Rated head:	61.3 m
Head max:	85.5 m
Stages:	13
Impellers:	13
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:	80C
IE Efficiency class:	IE3
Rated power - P2:	1.1 kW
Power (P2) required by pump:	1.1 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:	4.35/2.50 A
Starting current:	450-500 %
Cos phi - power factor:	0.83-0.76
Rated speed:	2840-2870 rpm
Efficiency:	IE3 82,7%
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6 %
Motor efficiency at 1/2 load:	85.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05105
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.70
Net weight:	25.7 kg
Gross weight:	28.6 kg
Shipping volume:	0.074 m ³
Country of origin:	GB
Custom tariff no.:	84137075