
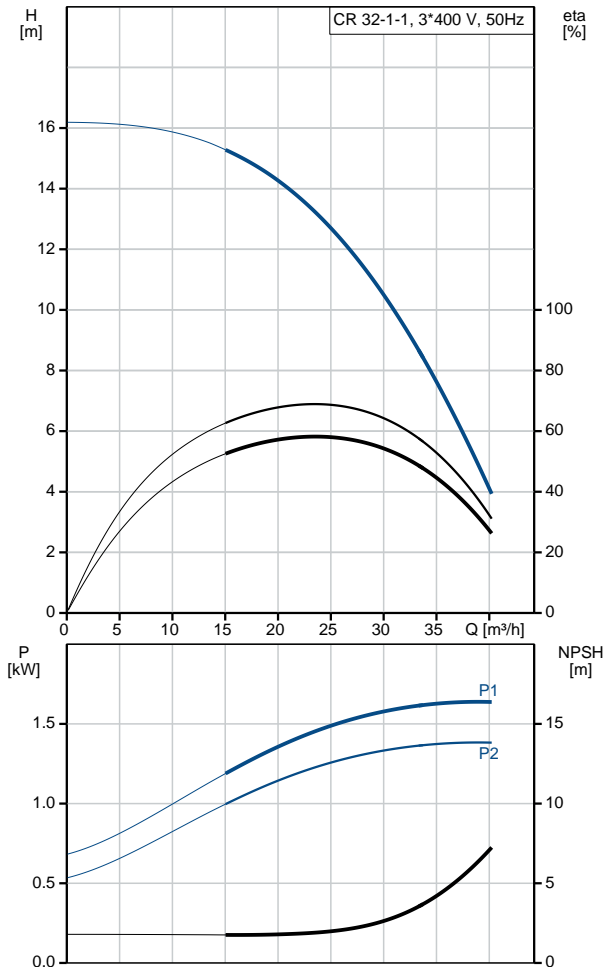


Qty.	Description
1	<p data-bbox="199 338 491 369">CR 32-1-1A-F-A-V-HQQV</p> <div data-bbox="363 405 456 848" style="text-align: center;">  </div> <p data-bbox="592 846 1075 875" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="199 880 469 909">Product No.: 96121978</p> <p data-bbox="199 938 1455 1041">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts 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 DIN flanges.</p> <p data-bbox="199 1081 935 1111">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 1142 316 1171">Controls:</p> <p data-bbox="199 1171 638 1200">Frequency converter: NONE</p> <p data-bbox="199 1232 288 1261">Liquid:</p> <p data-bbox="199 1261 635 1290">Pumped liquid: Water</p> <p data-bbox="199 1290 692 1319">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1319 632 1348">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1348 778 1377">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1408 327 1438">Technical:</p> <p data-bbox="199 1438 820 1467">Pump speed on which pump data are based: 2896 rpm</p> <p data-bbox="199 1467 651 1496">Rated flow: 30 m³/h</p> <p data-bbox="199 1496 644 1525">Rated head: 10.7 m</p> <p data-bbox="199 1525 651 1554">Pump orientation: Vertical</p> <p data-bbox="199 1554 635 1583">Shaft seal arrangement: Single</p> <p data-bbox="199 1583 639 1612">Code for shaft seal: HQQV</p> <p data-bbox="199 1612 667 1641">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1641 764 1671">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1702 320 1731">Materials:</p> <p data-bbox="199 1731 831 1823">Base: Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06</p> <p data-bbox="199 1823 727 1915">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1915 608 1944">Bearing: SIC</p> <p data-bbox="199 1944 647 1973">Support bearing: Graflon</p> <p data-bbox="199 2004 344 2033">Installation:</p> <p data-bbox="199 2033 632 2063">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 2063 639 2092">Maximum operating pressure: 16 bar</p>

Qty.	Description
	<p>Max pressure at stated temp: 16 bar / 90 °C 16 bar / -20 °C</p> <p>Type of connection: DIN</p> <p>Size of inlet connection: DN 65</p> <p>Size of outlet connection: DN 65</p> <p>Pressure rating for pipe connection: PN 40</p> <p>Flange size for motor: FT115</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 90SB</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 1.5 kW</p> <p>Power (P2) required by pump: 1.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 5.45/3.15 A</p> <p>Starting current: 850-930 %</p> <p>Cos phi - power factor: 0.87-0.82</p> <p>Rated speed: 2890-2910 rpm</p> <p>Efficiency: IE3 84,2%</p> <p>Motor efficiency at full load: 84.2 %</p> <p>Motor efficiency at 3/4 load: 84.5 %</p> <p>Motor efficiency at 1/2 load: 83.1 %</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: 85U05906</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.70</p> <p>Net weight: 64.8 kg</p> <p>Gross weight: 87.7 kg</p> <p>Shipping volume: 0.309 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CR 32-1-1A-F-A-V-HQQV
Product No:	96121978
EAN number:	5700396680224
Technical:	
Pump speed on which pump data are based:	2896 rpm
Rated flow:	30 m³/h
Rated head:	10.7 m
Head max:	16 m
Stages:	1
Impellers:	1
Number of reduced-diameter impellers:	1
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:	B
Materials:	
Base:	Cast iron EN 1563 EN-GJS-500-7
Impeller:	ASTM A536 80-55-06 Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
Support bearing:	Graflon
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 90 °C 16 bar / -20 °C
Type of connection:	DIN
Size of inlet connection:	DN 65
Size of outlet connection:	DN 65
Pressure rating for pipe connection:	PN 40
Flange size for motor:	FT115
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	90SB
IE Efficiency class:	IE3
Rated power - P2:	1.5 kW
Power (P2) required by pump:	1.5 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:	5.45/3.15 A
Starting current:	850-930 %
Cos phi - power factor:	0.87-0.82
Rated speed:	2890-2910 rpm
Efficiency:	IE3 84,2%
Motor efficiency at full load:	84.2 %
Motor efficiency at 3/4 load:	84.5 %
Motor efficiency at 1/2 load:	83.1 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05906
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI η_{min} :	0.70
Net weight:	64.8 kg
Gross weight:	87.7 kg
Shipping volume:	0.309 m ³
Country of origin:	GB
Custom tariff no.:	84137075