
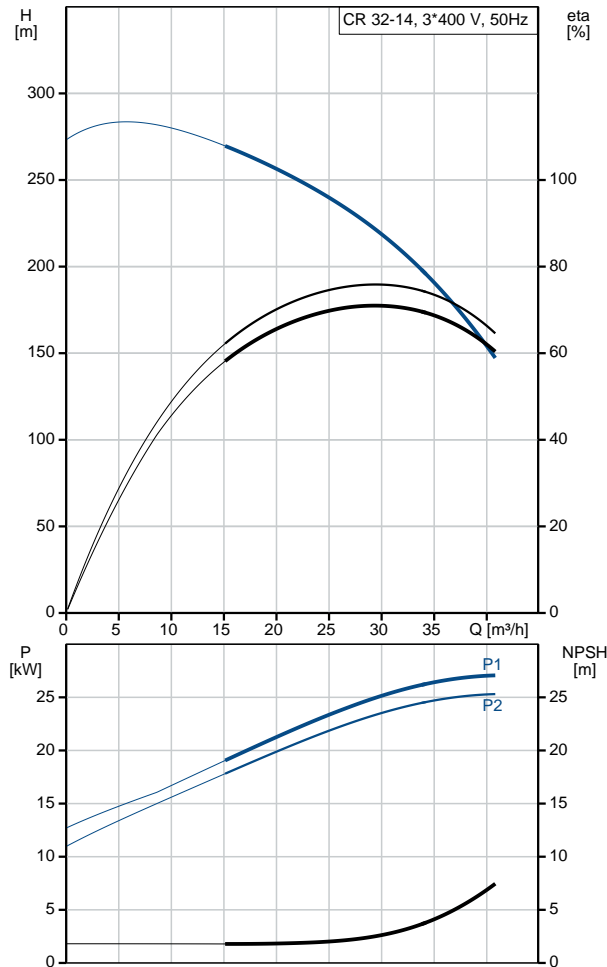


Qty.	Description
1	<p data-bbox="199 338 483 367"><b>CR 32-14A-F-A-V-HQQV</b></p> <div data-bbox="363 405 456 848" style="text-align: center;">  </div> <p data-bbox="592 846 1075 873" style="text-align: center;"><b>Note! Product picture may differ from actual product</b></p> <p data-bbox="199 880 466 907">Product No.: <a href="#">96122061</a></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 1108">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 1142 316 1169"><b>Controls:</b></p> <p data-bbox="199 1171 638 1198">Frequency converter:                    NONE</p> <p data-bbox="199 1232 287 1258"><b>Liquid:</b></p> <p data-bbox="199 1261 635 1288">Pumped liquid:                            Water</p> <p data-bbox="199 1290 692 1317">Liquid temperature range:            -20 .. 90 °C</p> <p data-bbox="199 1319 630 1346">Selected liquid temperature:        20 °C</p> <p data-bbox="199 1348 777 1375">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1408 327 1435"><b>Technical:</b></p> <p data-bbox="199 1438 820 1464">Pump speed on which pump data are based: 2951 rpm</p> <p data-bbox="199 1467 651 1494">Rated flow:                                30 m<sup>3</sup>/h</p> <p data-bbox="199 1496 657 1523">Rated head:                                218.1 m</p> <p data-bbox="199 1525 651 1552">Pump orientation:                        Vertical</p> <p data-bbox="199 1554 635 1581">Shaft seal arrangement:                Single</p> <p data-bbox="199 1583 638 1610">Code for shaft seal:                      HQQV</p> <p data-bbox="199 1612 667 1639">Approvals on nameplate:               CE, EAC</p> <p data-bbox="199 1641 764 1668">Curve tolerance:                         ISO9906:2012 3B</p> <p data-bbox="199 1702 320 1729"><b>Materials:</b></p> <p data-bbox="199 1731 831 1821">Base:                                         Cast iron  EN 1563 EN-GJS-500-7  ASTM A536 80-55-06</p> <p data-bbox="199 1823 727 1912">Impeller:                                    Stainless steel  EN 1.4301  AISI 304</p> <p data-bbox="199 1915 649 1973">Bearing:                                      SIC  Support bearing:                         Graflon</p> <p data-bbox="199 2007 344 2033"><b>Installation:</b></p> <p data-bbox="199 2036 630 2063">Maximum ambient temperature: 55 °C</p> <p data-bbox="199 2065 638 2092">Maximum operating pressure: 30 bar</p>

Qty.	Description
	<p>Max pressure at stated temp: 30 bar / 90 °C 30 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: FF350</p> <p><b>Electrical data:</b></p> <p>Motor standard: IEC</p> <p>Motor type: SIEMENS</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 30 kW</p> <p>Power (P2) required by pump: 30 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 380-420D/660-725Y V</p> <p>Rated current: 56,0-51,0/32,0-29,5 A</p> <p>Starting current: 660-660 %</p> <p>Cos phi - power factor: 0.87</p> <p>Rated speed: 2955 rpm</p> <p>Efficiency: IE3 93,3%</p> <p>Motor efficiency at full load: 93.3-93.3 %</p> <p>Motor efficiency at 3/4 load: 93.6-93.6 %</p> <p>Motor efficiency at 1/2 load: 93.4-93.4 %</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: 81U15332</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI <math>\hat{\alpha}\%</math>: 0.70</p> <p>Net weight: 332 kg</p> <p>Gross weight: 383 kg</p> <p>Shipping volume: 1.13 m<sup>3</sup></p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
<b>General information:</b>	
Product name:	CR 32-14A-F-A-V-HQQV
Product No:	96122061
EAN number:	5700396681054
<b>Technical:</b>	
Pump speed on which pump data are based:	2951 rpm
Rated flow:	30 m <sup>3</sup> /h
Rated head:	218.1 m
Head max:	274.7 m
Stages:	14
Impellers:	14
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:	B
<b>Materials:</b>	
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
<b>Installation:</b>	
Maximum ambient temperature:	55 °C
Maximum operating pressure:	30 bar
Max pressure at stated temp:	30 bar / 90 °C 30 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:	FF350
Connect code:	F
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	SIEMENS
IE Efficiency class:	IE3
Rated power - P2:	30 kW
Power (P2) required by pump:	30 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-420D/660-725Y V





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
Rated current:	56,0-51,0/32,0-29,5 A
Starting current:	660-660 %
Cos phi - power factor:	0.87
Rated speed:	2955 rpm
Efficiency:	IE3 93,3%
Motor efficiency at full load:	93.3-93.3 %
Motor efficiency at 3/4 load:	93.6-93.6 %
Motor efficiency at 1/2 load:	93.4-93.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	81U15332
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.70
Net weight:	332 kg
Gross weight:	383 kg
Shipping volume:	1.13 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075