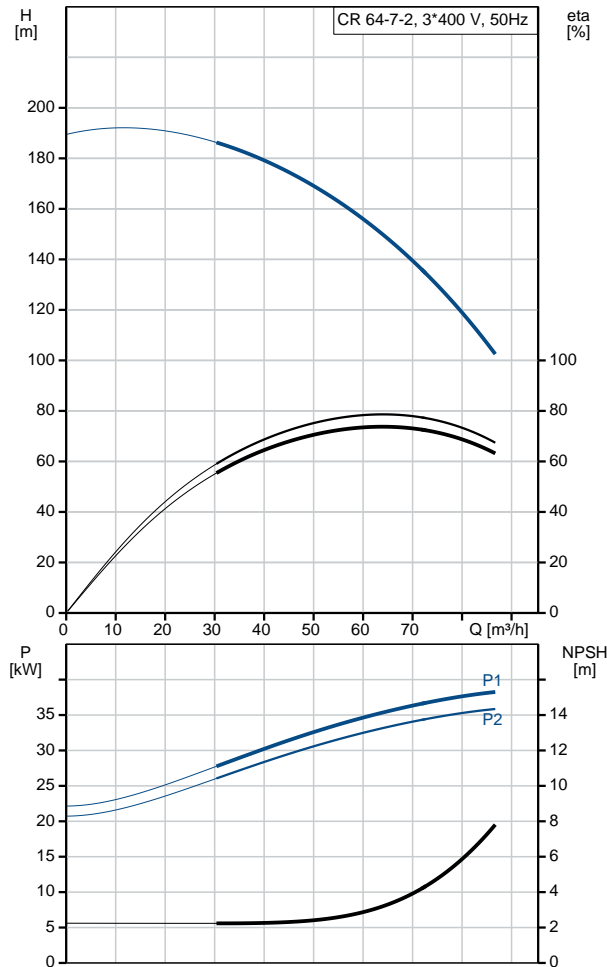


Qty.	Description
1	<p data-bbox="199 338 491 367"><b>CR 64-7-2A-F-A-V-HQQV</b></p> <div data-bbox="316 407 448 875" style="text-align: center;">  </div> <p data-bbox="592 882 1075 904" style="text-align: center;">Note! Product picture may differ from actual product</p> <p data-bbox="199 911 469 938">Product No.: <a href="#">96123565</a></p> <p data-bbox="199 972 1455 1072">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 1115 935 1142">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 1173 316 1200"><b>Controls:</b></p> <p data-bbox="199 1205 638 1232">Frequency converter: NONE</p> <p data-bbox="199 1263 288 1290"><b>Liquid:</b></p> <p data-bbox="199 1294 638 1321">Pumped liquid: Water</p> <p data-bbox="199 1326 692 1352">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1357 628 1384">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1388 778 1415">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1447 328 1473"><b>Technical:</b></p> <p data-bbox="199 1478 820 1505">Pump speed on which pump data are based: 2957 rpm</p> <p data-bbox="199 1509 651 1536">Rated flow: 64 m<sup>3</sup>/h</p> <p data-bbox="199 1541 657 1568">Rated head: 147.5 m</p> <p data-bbox="199 1572 651 1599">Pump orientation: Vertical</p> <p data-bbox="199 1603 638 1630">Shaft seal arrangement: Single</p> <p data-bbox="199 1635 638 1662">Code for shaft seal: HQQV</p> <p data-bbox="199 1666 667 1693">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1697 762 1724">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1756 320 1783"><b>Materials:</b></p> <p data-bbox="199 1787 833 1859">Base: Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06</p> <p data-bbox="199 1863 727 1935">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1948 609 1975">Bearing: SIC</p> <p data-bbox="199 1980 647 2007">Support bearing: Graflon</p> <p data-bbox="199 2038 344 2065"><b>Installation:</b></p> <p data-bbox="199 2069 628 2096">Maximum ambient temperature: 55 °C</p>

Qty.	Description
	<p>Maximum operating pressure: 30 bar            Max pressure at stated temp: 30 bar / 90 °C            30 bar / -20 °C</p> <p>Type of connection: DIN            Size of inlet connection: DN 100            Size of outlet connection: DN 100            Pressure rating for pipe connection: PN 40            Flange size for motor: FF350</p> <p><b>Electrical data:</b>            Motor standard: IEC            Motor type: SIEMENS            IE Efficiency class: IE3            Rated power - P2: 37 kW            Power (P2) required by pump: 37 kW            Mains frequency: 50 Hz            Rated voltage: 3 x 380-420D/660-725Y V            Rated current: 68,0-63,0/39,0-36,0 A            Starting current: 670-670 %            Cos phi - power factor: 0.88            Rated speed: 2955 rpm            Efficiency: IE3 93,7%            Motor efficiency at full load: 93.7-93.7 %            Motor efficiency at 3/4 load: 93.9-93.9 %            Motor efficiency at 1/2 load: 93.5-93.5 %            Number of poles: 2            Enclosure class (IEC 34-5): 55 Dust/Jetting            Insulation class (IEC 85): F            Motor No: 81U15334</p> <p><b>Others:</b>            Minimum efficiency index, MEI <math>\hat{\alpha}\%</math>: 0.70            Net weight: 354 kg            Gross weight: 398 kg            Shipping volume: 0.808 m<sup>3</sup>            Country of origin: GB            Custom tariff no.: 84137075</p>

Description	Value
<b>General information:</b>	
Product name:	CR 64-7-2A-F-A-V-HQQV
Product No:	96123565
EAN number:	5700396697758
<b>Technical:</b>	
Pump speed on which pump data are based:	2957 rpm
Rated flow:	64 m <sup>3</sup> /h
Rated head:	147.5 m
Head max:	187 m
Stages:	7
Impellers:	7
Number of reduced-diameter impellers:	2
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 100
Size of outlet connection:	DN 100
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:	37 kW
Power (P2) required by pump:	37 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:	68,0-63,0/39,0-36,0 A
Starting current:	670-670 %
Cos phi - power factor:	0.88
Rated speed:	2955 rpm
Efficiency:	IE3 93,7%
Motor efficiency at full load:	93.7-93.7 %
Motor efficiency at 3/4 load:	93.9-93.9 %
Motor efficiency at 1/2 load:	93.5-93.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	81U15334
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.70
Net weight:	354 kg
Gross weight:	398 kg
Shipping volume:	0.808 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075