

Date: 18/02/2019

Qty. | Description

1 | CR 64-7 A-F-A-E-HQQE



Note! Product picture may differ from actual product

Product No.: 96123545

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.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Further product details

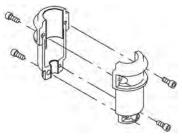
Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface. An integral part of the process is a pretreatment. The entire process consists of these elements:

- 1) Alkaline-based cleaning.
- 2) Zinc phosphating.
- 3) Cathodic electro-deposition.
- 4) Curing to a dry film thickness 18-22 my m.

The colour code for the finished product is NCS 9000/RAL 9005.

Pump

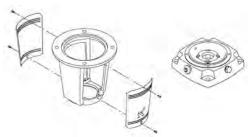
A long split coupling connects the pump and motor shaft. It is enclosed in the motor stool by means of two coupling guards. The long coupling makes it possible to replace the shaft seal without removing the motor from the pump.



The motor stool connects the pump head and motor. The pump head has a combined 1/2" priming plug and vent screw.



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The pump is fitted with a balanced O-ring seal unit with a rigid torque-transmission system. This seal type is assembled in a cartridge unit which makes replacement safe and easy. Due to the balancing, this seal type is suitable for high-pressure applications. The cartridge construction also protects the pump shaft from possible wear from a dynamic O-ring between pump shaft and shaft seal.

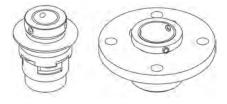
Primary seal:

- Rotating seal ring material: silicon carbide (SiC)
- Stationary seat material: silicon carbide (SiC)

This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.

Secondary seal material: EPDM (ethylene-propylene rubber)

EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.



The shaft seal is retained in the pump head by a cover and screws. It can be replaced without removing the motor.

The chambers and impellers are made of stainless-steel sheet. The chambers are provided with a PTFE neck ring offering improved sealing and high efficiency. The impellers have smooth surfaces, and the shape of the blades ensure a high efficiency.

The base is made of cast iron. Both the inlet and the outlet side of the base have two pressure gauge tappings. The pump is secured to the foundation by four bolts through the base plate. The flanges are fastened to the base by means of locking rings.



Motor

The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. The motor is flange-mounted with free-hole flange (FF).

Motor-mounting designation in accordance with IEC 60034-7: IM B 5 (Code I) / IM 3001 (Code II). Electrical tolerances comply with IEC 60034.

The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.

The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.

Thermal switches must be connected to an external control circuit in a way which ensures that the automatic reset cannot cause accidents. The motors must be connected to a motor-protective circuit breaker according to local regulations.

A variable speed drive makes adjustment of pump performance to any duty point possible. If the motor is to be connected to a variable speed drive, the pump must be ordered with an electrically insulated motor bearing.



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Technical data

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water
Liquid temperature range: -30 .. 120 °C
Liquid temperature during operation: 20 °C
Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 2960 rpm

Rated flow: 64 m³/h
Rated head: 165.3 m
Pump orientation: Vertical
Shaft seal arrangement: Single
Code for shaft seal: HQQE
Approvals on nameplate: CE, EAC,ACS
Curve tolerance: ISO9906:2012 3B

Materials:

Base: Cast iron

EN 1563 EN-GJS-500-7 ASTM A536 80-55-06

Impeller: Stainless steel

EN 1.4301 AISI 304 SIC

Bearing: SIC Support bearing: Graflon

Installation:

Maximum ambient temperature: 55 °C Maximum operating pressure: 30 bar

Max pressure at stated temp: 30 bar / 120 °C

30 bar / -30 °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: FF400

Electrical data:

Motor standard: IEC
Motor type: SIEMENS
IE Efficiency class: IE3
Rated power - P2: 45 kW
Power (P2) required by pump: 45 kW
Mains frequency: 50 Hz

Rated voltage: 3 x 380-420D/660-725Y V Rated current: 81,0-74,0/47,0-43,0 A

Starting current: 690-690 %
Cos phi - power factor: 0.89
Rated speed: 2960 rpm
Efficiency: IE3 94,0%
Motor efficiency at full load: 94.0-94.0 %
Motor efficiency at 3/4 load: 94.5-94.5 %
Motor efficiency at 1/2 load: 94.4-94.4 %

Number of poles: 2



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Enclosure class (IEC 34-5): 55 Dust/Jetting

Insulation class (IEC 85):

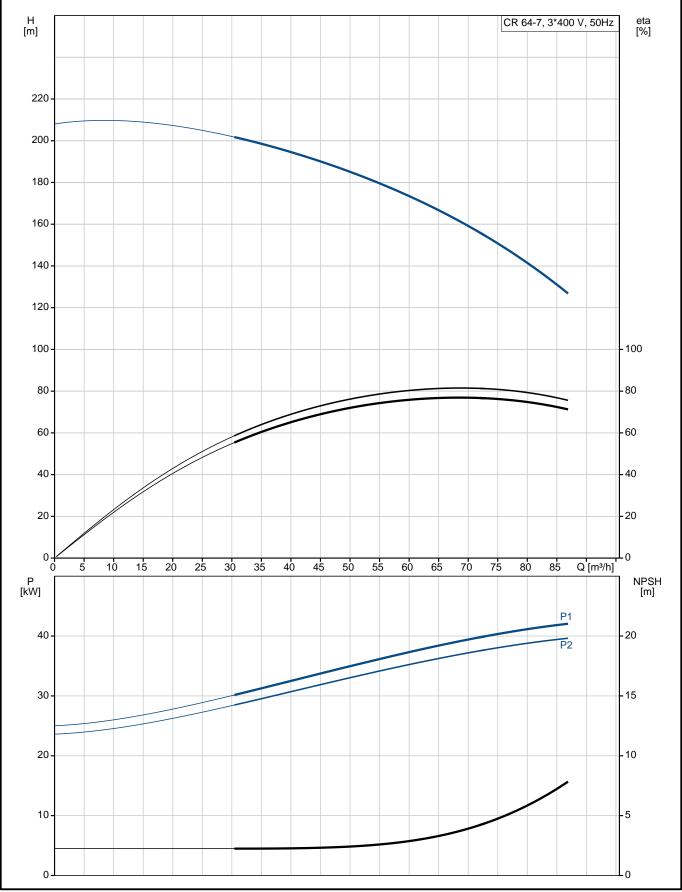
Others:

Minimum efficiency index, MEI ≥: 0.70
Net weight: 443 kg
Gross weight: 494 kg
Shipping volume: 1.13 m³
Danish VVS No.: 385908070



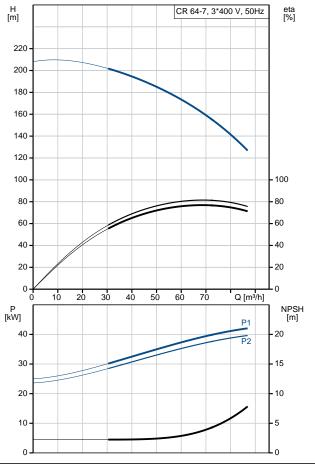
Date: 18/02/2019

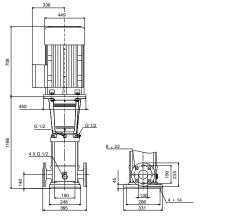
96123545 CR 64-7 A-F-A-E-HQQE 50 Hz

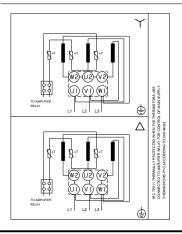




Description	Value
General information:	
Product name:	CR 64-7 A-F-A-E-HQQE
Product No:	96123545
EAN number:	5700396697550
Technical:	
Pump speed on which pump data are based:	2960 rpm
Rated flow:	64 m³/h
Rated head:	165.3 m
Head max:	206.1 m
Stages:	7
Impellers:	7
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	В
Materials:	Ь
Base:	Cast iron
Dase.	EN 1563 EN-GJS-500-7
	EN 1303 EN-GJ3-300-7
	ASTM A536 80-55-06
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
	71101 00 1
Material code:	Δ
Material code:	A
Code for rubber:	E
Code for rubber: Bearing:	E SIC
Code for rubber: Bearing: Support bearing:	E
Code for rubber: Bearing: Support bearing: Installation:	E SIC Graflon
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature:	E SIC Graflon 55 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure:	E SIC Graflon 55 °C 30 bar
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³ IEC
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³ IEC SIEMENS
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: IE Efficiency class:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³ IEC SIEMENS IE3
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³ IEC SIEMENS IE3 45 kW
Code for rubber: Bearing: Support bearing: Installation: Maximum ambient temperature: Maximum operating pressure: Max pressure at stated temp: Type of connection: Size of inlet connection: Size of outlet connection: Pressure rating for pipe connection: Flange size for motor: Connect code: Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during operation: Density: Electrical data: Motor standard: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump:	E SIC Graflon 55 °C 30 bar 30 bar / 120 °C 30 bar / -30 °C DIN DN 100 DN 100 PN 40 FF400 F Water -30 120 °C 20 °C 998.2 kg/m³ IEC SIEMENS IE3 45 kW 45 kW







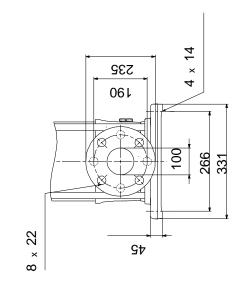


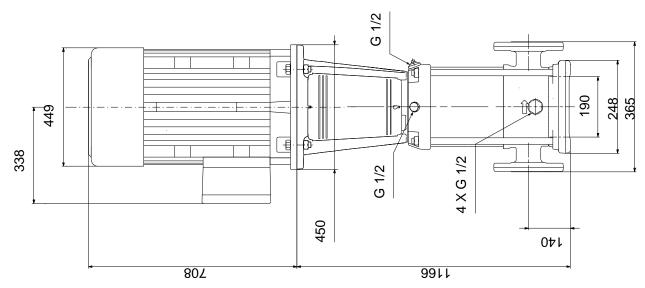
Description	Value
Rated current:	81,0-74,0/47,0-43,0 A
Starting current:	690-690 %
Cos phi - power factor:	0.89
Rated speed:	2960 rpm
Efficiency:	IE3 94,0%
Motor efficiency at full load:	94.0-94.0 %
Motor efficiency at 3/4 load:	94.5-94.5 %
Motor efficiency at 1/2 load:	94.4-94.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	81U15336
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	443 kg
Gross weight:	494 kg
Shipping volume:	1.13 m³
Danish VVS No.:	385908070



Date: 18/02/2019

96123545 CR 64-7 A-F-A-E-HQQE 50 Hz





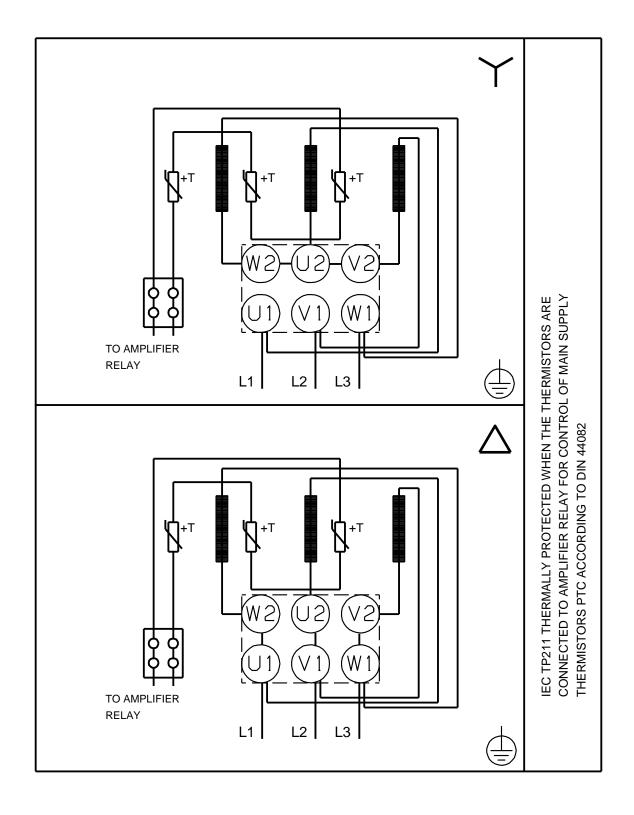
Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date:

18/02/2019

96123545 CR 64-7 A-F-A-E-HQQE 50 Hz

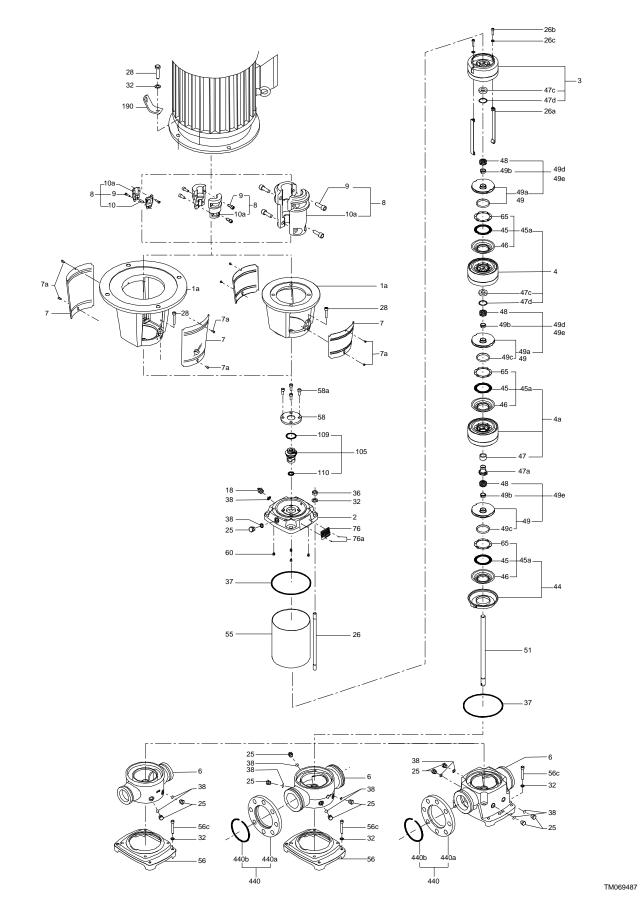


Note! All units are in [mm] unless others are stated.



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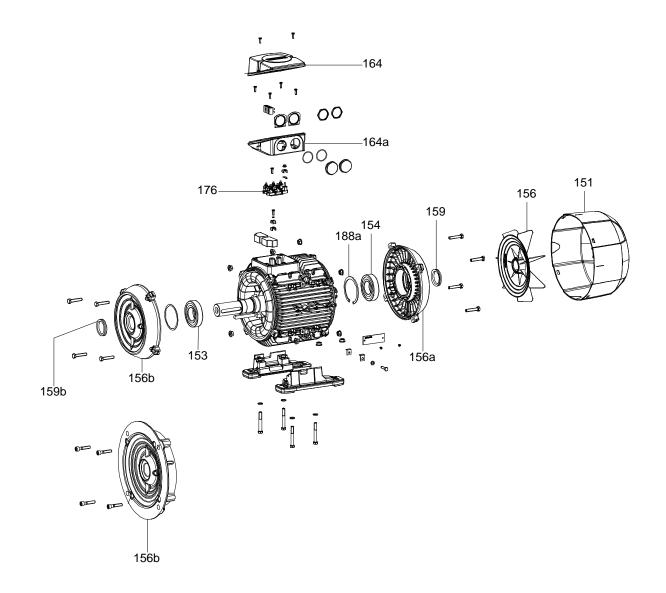
(tm069487 for LACR model B standard)





Date: 18/02/2019

(TM058162)





Date: 18/02/2019

Spare parts CR 64-7, Product No. 96123545 Valid from 3.3.2014 (1410)

Pos	Description	Annotation	Classification Data	Part no.	Qt	у	Un
	Base			96587673	1		рс
6	Base					1	
	Kit, chambers			98497500	1		pc
4a	Intermediate chamber cpl.					1	
	Cone						
	Spare, turbulence optimizer KP						
	Spare, turbulence optimizer KP						
	Spare, turbulence optimizer KP						
	Spare, turbulence optimizer KP						
	Spare, turbulence optimizer KP						
45a	Neck ring cpl.						
45	Seal ring						
46	Neck ring						
65	Top f/neck ring						
47	Bearing						
47a	Bearing cpl.					1	
	Driver						
	Holder						
	Disc spring						
	Bearing ring						
	Kit, coupling			96416594	1		рс
	Adjusting fork					1	Ė
8	Coupling cpl.		Dimension: 22/55			1	
9	Hex socket head cap screw		Designation: DIN	l 912			
			Length (mm): 25				
			Thread: M10				
10a	Coupling half						
	Kit, coupling guard			96505135	1		рс
7a	Socket button head screw					4	•
7	Coupling guard					2	
•	Kit, cover			98832448	1	_	рс
58a	Hex socket head cap screw		Designation: DIN 912		•	4	
oou	Tiex econot fload cap coron		Length (mm): 25	_		•	
			Thread: M10				
58	Cover		THICAG. WITO			1	
50	Kit, gaskets			96416599	1	•	рс
	Adjusting fork			00+10000	•	1	PC
37	O-ring					2	
38	O-ring		Diameter: 16,3			2	
50	Jillig		Material type: EPDM			_	
			Thickness: 2,4				
38	O-ring		Diameter: 16,3			4	
50	O-IIIIg		Material type: EPDM			4	
			Thickness: 2,4				
60	Spring		1111CK11655. Z,4			4	
109	O-ring		Diameter: 24.2			1	
110	O-ring		Diameter: 21,2			1	
			Material type: EPDM				
	120		Thickness: 3,55	0040====			
	Kit, impeller			98497503	1		pc
48	Nut					1	
48	Nut					1	
49b	Split cone					1	



	Pos	Description	Annotation	Classification Data	Part no.	Qty	. U	m
4	49	Impeller					1	
		Impeller hub						
4	49c	Wear ring						
		Kit, plug			96505136	1	р	C
•	18	Air vent screw					1	
		Spindle						
		Plug						
2	25	Plug					4	
	25	Plug					1	
	38	O-ring		Diameter: 16,3			2	
	00	O Tillig		Material type: FKM			_	
				Thickness: 2,4				
	20	O ring		Diameter: 16,3			4	
•	38	O-ring					4	
				Material type: FKM				
				Thickness: 2,4				
3	38	O-ring		Diameter: 16,3			6	
				Material type: FKM				
				Thickness: 2,4				
3	38	O-ring		Diameter: 16,3			2	
				Material type: EPDM				
				Thickness: 2,4				
3	38	O-ring		Diameter: 16,3			4	
		<u> </u>		Material type: EPDM				
				Thickness: 2,4				
		Kit, shaft seal HQQE		om.1000. 2,7	96525458	1	р) C
		Grinding device			30323430	'	1	
	105	Shaft seal		Motorial type: HOOE			1	
	105			Material type: HQQE				
	400	Adjusting fork						
	109	O-ring		D				
	110	O-ring		Diameter: 21,5				
				Material type: EPDM				
				Thickness: 4,25				
		Kit, wear parts			98497495	1	р	С
4	45	Seal ring					8	
4	47d	Lock ring					8	
4	47c	Bush					6	
4	49c	Wear ring					8	
6	65	Top f/neck ring					8	
		Motor				1	р	C
	156	Kit, fan			986719			_
	151	Kit, fan cover			980622			
	156b	Kit, flange			980622			
	1000	_						
	150-	Kit, lubrication nipple			980625			
	156a	Kit, ND-end shield cpl.			980625			
	159b	Kit, seal ring			980625			
	176	Kit, terminal board			980622			
•	164a	Kit, terminal box			980622		1	
•	1a	Motor stool			96587724	1	р	C
2	2	Pump head			96547433	1	р	С
3	3	Upper chamber cpl.			98634144	1	р	С
	47c	Bulk, Bush (10 pcs)			993211	194	1	
	4	Bulk, Intermediate chamber cpl. (3 pcs)			99481471		р	C
	4а	Bulk, Intermediate chamber cpl. (5 pcs)			99262958		p	
	4 4	Bulk, Intermediate chamber cpl. (10 pcs)			99481484			
							p ₁	Ü
	45a	Bulk, Neck ring cpl. (10 pcs)			965474			
	45	Bulk, Seal ring (10 pcs)				5360		
	65	Bulk, Top f/neck ring (10 pcs)				5360	14	
•	6	Base			96587690	1	р	



	Pos	Description	Annotation	Classification Data	Part no.	Qty	. Unit
Г	7a	Bulk, Socket button head screw (10 pcs)			96549696	4	pcs
	7	Bulk, Coupling guard (10 pcs)			96603279	2	pcs
+	18	Bulk, Air vent screw (5 pcs)			96547461	1	pcs
+	18	Air vent screw			95061351	1	pcs
	25	Bulk, Plug (10 pcs)			96536013	1	pcs
	26	Staybolt		Length (mm): 745 Thread: M16	98976739	4	pcs
	26c	Bulk, Washer (4 pcs)		Designation: DIN 125A Thickness: 1,6	99262704	2	pcs
	26c	Washer		Designation: DIN 125A	96586880	2	pcs
\vdash	200	Tracino		Thickness: 1,6	0000000		Poo
	26b	Bulk, Hex socket head cap screw (10 pcs)		77110101000. 1,0	98931380	2	pcs
\vdash	26a	Strap cpl.			98983895		pcs
\vdash	28	Bulk, Hex socket head cap screw (10 pcs)		Designation: DIN 912	96536147		pcs
		Tam, mex escate meas sup conem (no pee)		Length (mm): 50	00000111	•	Poo
				Thread: M10			
	28	Bulk, Hex head screw (20 pcs)		Length (mm): 60	97506949	4	pcs
		(р		Thread: M16		-	F
	32	Bulk, Washer (100 pcs)		Designation: DIN 125 A	98923051	4	pcs
		, (p.c.)		Internal diameter: 17			F
				Outer diameter: 30			
				Thickness: 3			
	36	Bulk, Hex nut (20 pcs)		Thread: M16	96620480	4	pcs
	38	Bulk, O-ring (10 pcs)		Diameter: 16,3	99198815	2	pcs
				Material type: EPDM			
				Thickness: 2,4			
	38	Bulk, O-ring (50 pcs)		Diameter: 16,3	99412727	2	pcs
				Material type: EPDM			
				Thickness: 2,4			
-	44	Suction interconnector cpl.			98634152	1	pcs
	45	Bulk, Seal ring (10 pcs)			965360	030	1
	65	Bulk, Top f/neck ring (10 pcs)			965360)14	1
+	47a	Bulk, Bearing cpl. (5 pcs)			99270649	2	pcs
+	47a	Bulk, Bearing cpl. (10 pcs)			96535951	2	pcs
-	49e	Bulk, Impeller cpl. (5 pcs)			96536036	7	pcs
	48	Bulk, Nut (3 pcs)			992626	088	1
	48	Bulk, Nut (10 pcs)			992626	83	1
	48	Bulk, Nut (10 pcs)			965360		1
	49b	Bulk, Split cone (10 pcs)			965360		
	49c	Bulk, Wear ring (10 pcs)			965358		1
+	49e	Impeller cpl.			98394371	7	pcs
	55	Outer sleeve		Outer diameter: 216	98820381	1	pcs
				Length (mm): 601			
	58	Cover			98893158		pcs
	60	Bulk, Spring (20 pcs)			96536032		pcs
-	105	Bulk, Shaft seal (12 pcs)		Material type: HQQE	96984086		pcs
		Adjusting fork			965878		1
					965475	395	1
	109	Bulk, O-ring (10 pcs)					
+	109 105 440b	Bulk, Shaft seal (12 pcs)		Material type: HQQE	96984070 96547435	1	pcs