

**Date:** 17/02/2019

Qty. | Description

1 | CRN 32-12 A-F-A-E-HQQE



Product No.: 96122373

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade 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

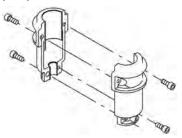
Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface. An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

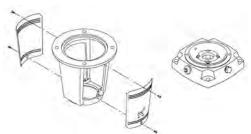
The colour code for the finished product is NCS 9000/RAL 9005.

## **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.



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.



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## Qty. | Description

Primary seal:

· Rotating seal ring material: silicon carbide (SiC)

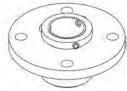
• Stationary seat material: silicon carbide (SiC)

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.

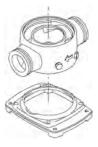




The shaft seal is retained in the pump head by a cover and screws. It can be replaced without removing the motor.

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 pump has a stainless-steel base mounted on a separate base plate. The base and base plate are kept in position by the tension of the staybolts which hold the pump together. 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.

The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center.

#### **Technical data**

Controls:

Frequency converter: NONE

Liquid:

Pumped liquid: Water



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#### Qty. Description

Liquid temperature range: -40 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m3

#### Technical:

Pump speed on which pump data are based: 2947 rpm

Rated flow: 30 m<sup>3</sup>/h Rated head: 184.4 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:

Stainless steel Base:

> EN 1.4408 **AISI 316**

Impeller: Stainless steel

EN 1.4401 **AISI 316** 

Bearing: SIC Support bearing: Graflon

#### Installation:

Maximum ambient temperature: 60 °C Maximum operating pressure: 30 bar

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

30 bar / -40 °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: FF300

#### **Electrical data:**

**IEC** Motor standard: Motor type: 180MB IE Efficiency class: IE3 Rated power - P2: 22 kW Power (P2) required by pump: 22 kW Mains frequency: 50 Hz

Rated voltage: 3 x 380-415D/660-690Y V

2

Rated current: 39.5/22.8 A Starting current: 830 % Cos phi - power factor: 0.90-0.90 Rated speed: 2950 rpm Efficiency: IE3 92,7% Motor efficiency at full load: 92.7-92.7 % Motor efficiency at 3/4 load: 93.7 % Motor efficiency at 1/2 load: 94.4 %

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

Insulation class (IEC 85):

#### Others:

Minimum efficiency index, MEI ≥: 0.70 Net weight: 225 kg Gross weight: 270 kg

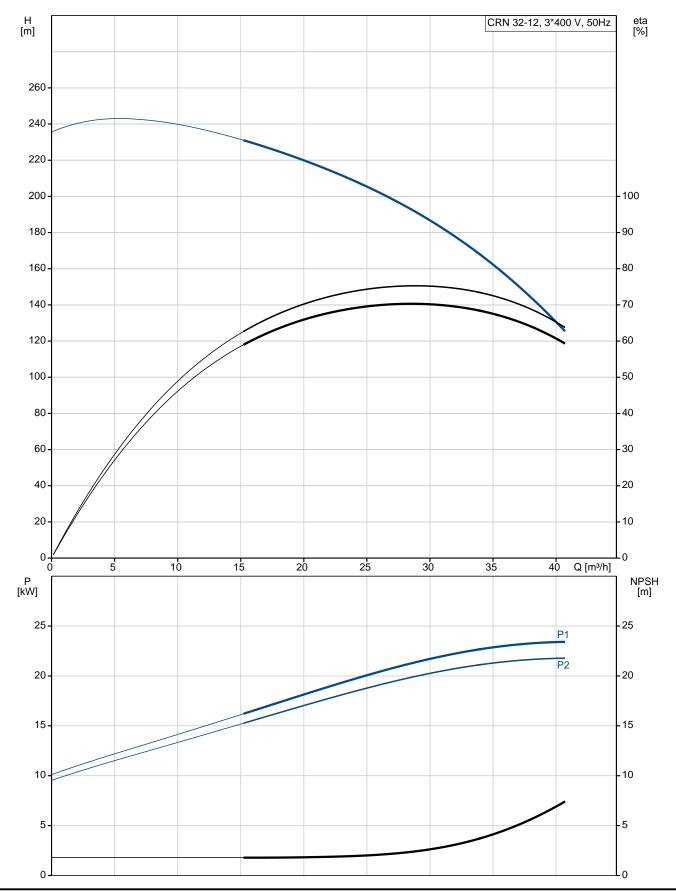


Shipping volume: Danish VVS No.:	0.808 m <sup>3</sup> 385916120		
Shipping volume: Danish VVS No.:	0.808 m³ 385916120		
Danish VVS No.:	365916120		
1			



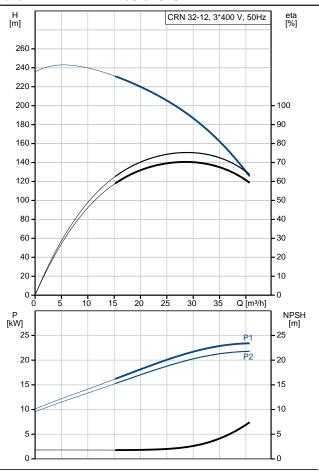
**Date:** 17/02/2019

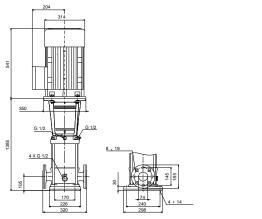
# 96122373 CRN 32-12 A-F-A-E-HQQE 50 Hz

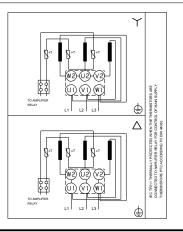




Description	Value
General information:	
Product name:	CRN 32-12
	A-F-A-E-HQQE
Product No:	96122373
EAN number:	5700396684178
Technical:	
Pump speed on which pump data are	2947 rpm
based:	·
Rated flow:	30 m³/h
Rated head:	184.4 m
Head max:	232.5 m
Stages:	12
Impellers:	12
Number of reduced-diameter impellers:	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:	
Base:	Stainless steel
	EN 1.4408
	AISI 316
Impeller:	Stainless steel
	EN 1.4401
	AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
Support bearing:	Graflon
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	30 bar
Max pressure at stated temp:	30 bar / 120 °C
	30 bar / -40 °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:	FF300
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-40 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	180MB
IE Efficiency class:	IE3
Rated power - P2:	22 kW
Power (P2) required by pump:	22 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415D/660-690Y V
Rated current:	39.5/22.8 A







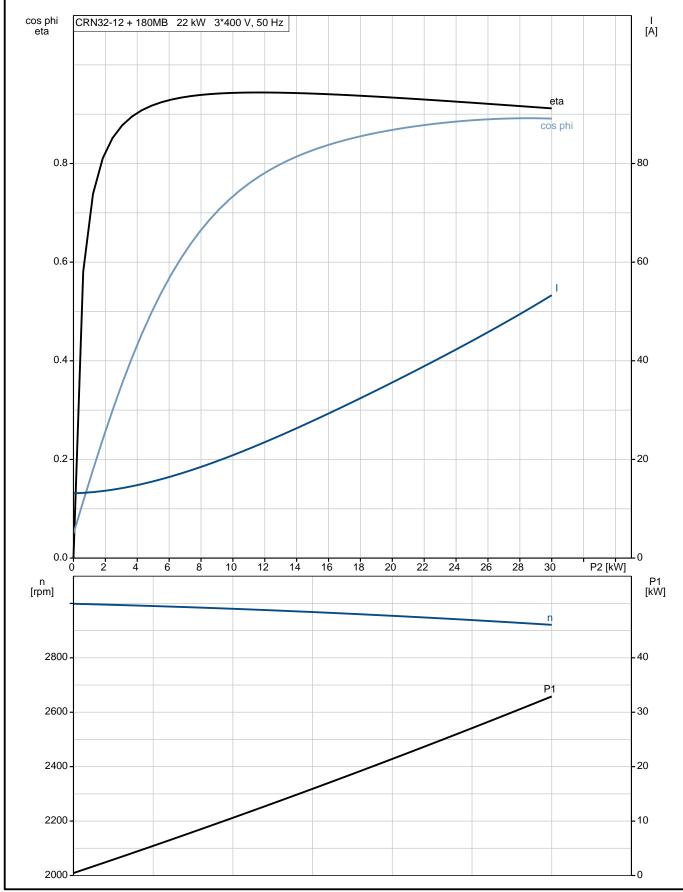


Description	Value
Starting current:	830 %
Cos phi - power factor:	0.90-0.90
Rated speed:	2950 rpm
Efficiency:	IE3 92,7%
Motor efficiency at full load:	92.7-92.7 %
Motor efficiency at 3/4 load:	93.7 %
Motor efficiency at 1/2 load:	94.4 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U17530
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	225 kg
Gross weight:	270 kg
Shipping volume:	0.808 m <sup>3</sup>
Danish VVS No.:	385916120



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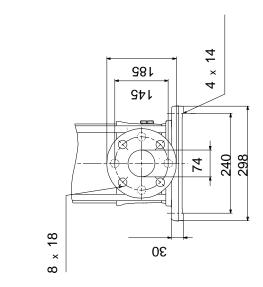
# 96122373 CRN 32-12 A-F-A-E-HQQE 50 Hz

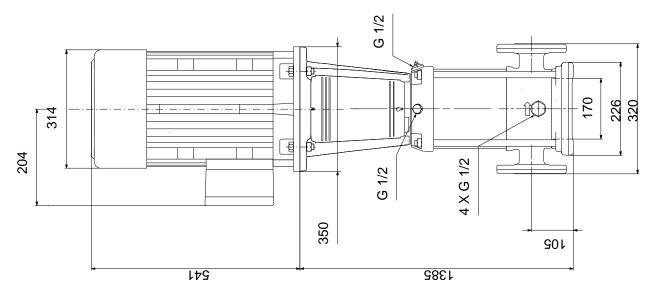




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# 96122373 CRN 32-12 A-F-A-E-HQQE 50 Hz



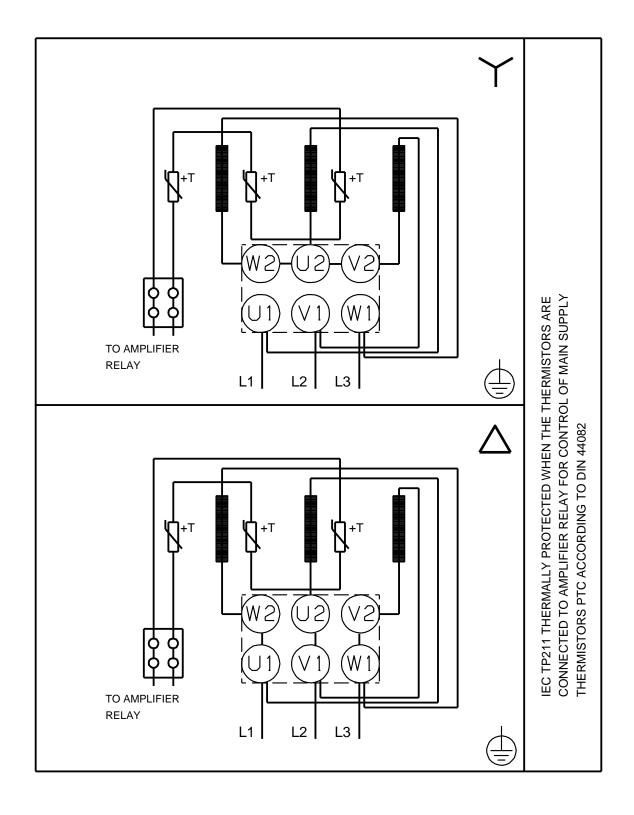


Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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## 96122373 CRN 32-12 A-F-A-E-HQQE 50 Hz

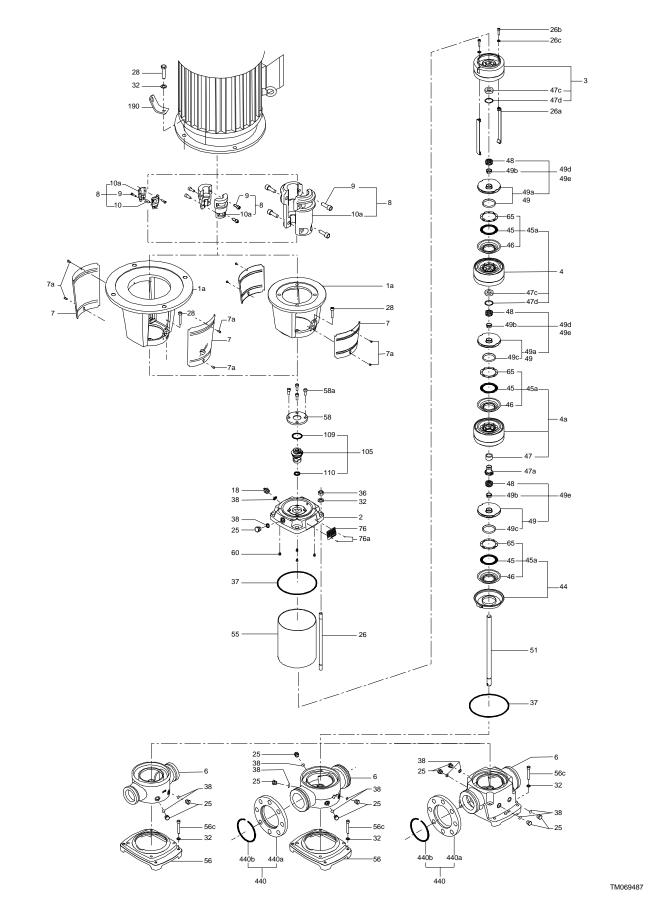


Note! All units are in [mm] unless others are stated.



**Date:** 17/02/2019

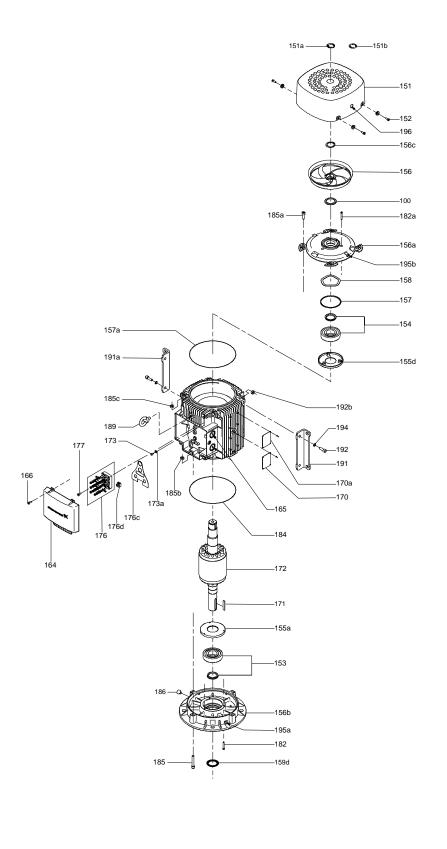
(tm069487 for LACR model B standard)



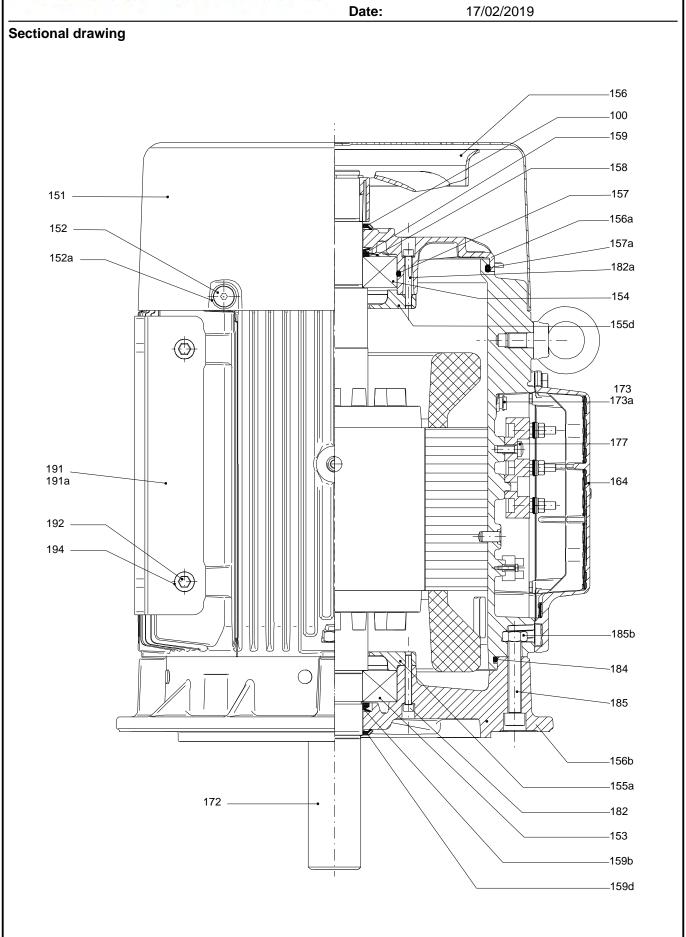


**Date:** 17/02/2019

**Exploded view** 









**Date:** 17/02/2019

# Spare parts CRN 32-12, Product No. 96122373 Valid from 3.3.2014 (1410)

Pos	Description	Annotation	Classification Data	Part no.	Qty.	
	Base			98925061	1	pc
6	Base					1
	Kit, chamber stack			96416303		рс
80	Chamber stack					1
3	Upper chamber cpl.					
	Guide cup					
	Guide cup					
	Cone					
	Guide					
	Chamber					
	Chamber					
47d	Lock ring					
47c	Bush					
4a	Intermediate chamber cpl.					
	Guide cup					
	Guide cup					
	Cone					
	Guide					
	Chamber					
	Chamber					
45a	Neck ring cpl.					
47	Bearing					
4	Intermediate chamber cpl.					
	Guide cup					
	Guide cup					
	Cone					
	Guide					
	Chamber					
	Chamber					
45a	Neck ring cpl.					
47d	Lock ring					
47c	Bush					
26c	Washer		Designation: D	IN 125A		
200	vvdonor		Thickness: 1,6	114 120/1		
26b	Hex socket head cap screw		11110111000. 1,0			
26a	Strap cpl.		Length (mm): 8	840		
200	οιιαρ ορι.		Thread: M8	7-73		
44	Suction interconnector cpl.		THOUGH IVIO			
44a	Suction interconnector					
44a 45	Seal ring					
46	Neck ring					
65	Top f/neck ring					
47a	Bearing cpl.					
41 a	Driver					
	Holder					
	Disc spring					
10 -	Bearing ring					
49e	Impeller cpl.					
48	Nut					
49b	Split cone					
49	Impeller					
	Impeller hub					
49c	Wear ring					



Pos	Description	Annotation	Classification Data	Part no.	Qty	. Un
51	Shaft					
	Kit, chambers			98633738	1	pcs
4a	Intermediate chamber cpl.					1
	Guide cup					
	Guide cup					
	Cone					
	Guide					
	Chamber					
	Chamber					
45a	Neck ring cpl.					
47	Bearing					
47a	Bearing cpl.					1
	Driver					
	Holder					
	Disc spring					
	Bearing ring					
	Kit, coupling			96416593	1	pcs
	Adjusting fork					1
8	Coupling cpl.		Dimension: 22/48			1
9	Hex socket head cap screw		Designation: DI	N 912		
			Length (mm): 25			
			Thread: M10			
10a	Coupling half					
	Kit, coupling guard			96505135	1	pcs
7a	Socket button head screw				-	4
7	Coupling guard					2
•	Kit, cover			98832448	1	- pcs
58a	Hex socket head cap screw		Designation: DIN 91			4
			Length (mm): 25			
			Thread: M10			
58	Cover					1
	Kit, gaskets			96416597	1	pcs
	Adjusting fork					1
37	O-ring					2
38	O-ring		Diameter: 16,3			2
	- ····g		Material type: EPDM			
			Thickness: 2,4			
38	O-ring		Diameter: 16,3			4
	<u> </u>		Material type: EPDM			
			Thickness: 2,4			
60	Spring		·			4
109	O-ring					1
110	O-ring		Diameter: 21,2			1
	-		Material type: EPDM			
			Thickness: 3,55			
	Kit, impeller			98633780	1	pcs
48	Nut					1
48	Nut					1
49b	Split cone					1
49	Impeller					1
	Impeller hub					
49c	Wear ring					
-	Kit, plug			96505136	1	pcs
18	Air vent screw					1
	Spindle					
	Plug					
25	Plug					4
25	Plug					1
∠:)	riug					1



^^	Description	Annotation	Classification Data	Part no.	Qty	. Ur
38	O-ring		Diameter: 16,3			2
			Material type: FKM			
			Thickness: 2,4			
38	O-ring		Diameter: 16,3			4
			Material type: FKM			
			Thickness: 2,4			
38	O-ring		Diameter: 16,3			6
			Material type: FKM			
			Thickness: 2,4			
38	O-ring		Diameter: 16,3			2
	- 3		Material type: EPDM			
			Thickness: 2,4			
38	O-ring		Diameter: 16,3			4
30	O-IIIIg		Material type: EPDM			-
	100 1 00 111005		Thickness: 2,4			
	Kit, shaft seal HQQE			96525458	1	pc
	Grinding device					1
105	Shaft seal		Material type: HQQ	E		1
	Adjusting fork					
109	O-ring					
110	O-ring		Diameter: 21,5			
	<u> </u>		Material type: EPDM			
			Thickness: 4,25			
	Kit, wear parts		, ,	98497453	1	рс
45	Seal ring			00107100	•	14
47d						14
	Lock ring					
47c	Bush					11
49c	Wear ring					14
65	Top f/neck ring					14
	Motor			85904229		pc
	Kit, bearing cpl.			967968	812	1
153	Angular-contact bearing		Designation: 73	310B		
154	Ball bearing					
158	Waved washer					
159	V-ring					
	v-IIIu					
	•			967968	809	1
155 a	Kit, bearing plate			967968	809	1
155.a	Kit, bearing plate Cover			967968	809	1
208a	Kit, bearing plate Cover Gasket		Designation D		809	1
	Kit, bearing plate Cover		Designation: DI		809	1
208a	Kit, bearing plate Cover Gasket		Length (mm): 40		809	1
208a	Kit, bearing plate Cover Gasket Hex socket head cap screw			N912		
208a 208	Kit, bearing plate Cover Gasket Hex socket head cap screw Kit, eyebolt		Length (mm): 40			
208a	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt		Length (mm): 40	N912 96796	712	1
208a 208	Kit, bearing plate Cover Gasket Hex socket head cap screw Kit, eyebolt		Length (mm): 40	N912	712	1
208a 208	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan		Length (mm): 40	N912 96796	712	1
208a 208 189	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan		Length (mm): 40	N912 96796	712	1
208a 208 189 156.c	Kit, bearing plate  Cover  Gasket  Hex socket head cap screw  Kit, eyebolt  Eyebolt  Kit, fan  Retaining ring		Length (mm): 40	N912 96796	712 650	1
208a 208 189 156.c 156	Kit, bearing plate  Cover  Gasket  Hex socket head cap screw  Kit, eyebolt  Eyebolt  Kit, fan  Retaining ring  Fan		Length (mm): 40	96796 96796	712 650	1
208a 208 189 156.c 156	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover		Length (mm): 40	96796 96796	712 650	1
208a 208 189 156.c 156 151 152.a	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush		Length (mm): 40	96796 96796	712 650	1
208a 208 189 156.c 156 151 152.a 152	Kit, bearing plate  Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw		Length (mm): 40	96796 96796	712 650	1
208a 208 189 156.c 156 151 152.a	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange		Length (mm): 40	96796 96796	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange Flange		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196 156.b 159.b	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange Flange Seal ring		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196 156.b 159.b 185	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange Flange Seal ring Hex socket head cap screw		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196 156.b 159.b	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange Flange Seal ring Hex socket head cap screw Drain plug		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1
208a 208 189 156.c 156 151 152.a 152 196 156.b 159.b 185	Kit, bearing plate Cover Gasket Hex socket head cap screw  Kit, eyebolt Eyebolt Kit, fan Retaining ring Fan Kit, fan cover Fan cover Rubber bush Hex head cap screw Diaphragm Kit, flange Flange Seal ring Hex socket head cap screw Drain plug		Length (mm): 40	967966 967966 967966	712 650 647	1 1 1



Pos		Description	Annotation	Classification Data	Part no. Qt	у.	Un
184	ŀ	O-ring		Diameter: 235			
		Kit, lubrication nipple			96796671	1	
195	.b	Grease nipple					
195	i.a	Grease nipple					
		Kit, ND-end shield cpl.			96796810	1	
156	Sa .	End shield NDE					
158		Waved washer					
159		V-ring					
185		Nut					
185		Hex socket head cap screw					
195	.b	Grease nipple					
		Kit, shaft seal			96843460	1	
159	).b	V-ring					
159	)	V-ring					
		Kit, terminal board			96796657	1	
		Terminal connection					
		Washer					
36		Hex nut					
173	)	Torx Screw					
176		Terminal board					
176		Terminal board					
177	•	Torx Screw					
		Kit, terminal box cover			96796659	1	
164	ļ	Terminal box cover					
273	Ba	Pan head thread forming screw					
1a	1	Motor stool			98993921 1		рс
2	F	Pump head			98593646 1		pc
3		Jpper chamber cpl.			98633870 1		рс
47c		Bulk, Bush (10 pcs)			99321194	1	PC
		Bulk, Intermediate chamber cpl. (3 pcs)			99481487 8		-
							pc
4a		Bulk, Intermediate chamber cpl. (5 pcs)			99262783 3		pc
4	ŀ	Bulk, Intermediate chamber cpl. (10 pcs)			99481488 8		pc
45a	ı	Bulk, Neck ring cpl. (10 pcs)			96547322	1	
· 4	I	ntermediate chamber cpl.			98633840 8		рс
6b	E	Base cpl.		Rubber type: EPDM	96587693 1		рс
25		Bulk, Plug (10 pcs)			96536013	4	
37		Bulk, O-ring (10 pcs)			96536149	1	
38		Bulk, O-ring (10 pcs)		Diameter: 16.3	99198815	-	
30		Baik, 6 mig (16 pcs)		Material type: EPDM	33130013	_	
		D. II. O. i. (70.		Thickness: 2,4			
38		Bulk, O-ring (50 pcs)		Diameter: 16,3	99412727	4	
				Material type: EPDM			
				Thickness: 2,4			
56		Base plate			96587691	1	
7a	E	Bulk, Socket button head screw (10 pcs)			96549696 4		рс
7	E	Bulk, Coupling guard (10 pcs)			96603279 2		рс
18		Bulk, Air vent screw (5 pcs)			96547461 1		pc
18		Air vent screw			95061351 1		pc
25		Bulk, Plug (10 pcs)			96536013 1		рс
				Decignation: DIM 1254			
26c	, t	Bulk, Washer (4 pcs)		Designation: DIN 125A	99262704 2		po
				Thickness: 1,6			
26c	: \	Washer		Designation: DIN 125A	96586880 2		pc
				Thickness: 1,6			
26b	) E	Bulk, Hex socket head cap screw (10 pcs)			98931380 2		рс
26a	1 5	Strap cpl.		Length (mm): 849	98983865 2		рс
		:		Thread: M8			•
26	9	Staybolt		Length (mm): 1052	98976690 4		рс
		- La 7 2 - C 1		-ongui (mmi). 1002			P



	Pos	Description	Annotation	Classification Data	Part no.	Qty	
	28.a	Bulk, Hex head screw (20 pcs)			96620478	-	pcs
	28	Bulk, Hex socket head cap screw (10 pcs)		Designation: DIN 912	96536147	4	pcs
				Length (mm): 50			
				Thread: M10			
	32	Bulk, Washer (100 pcs)		Designation: DIN 125 A	98923051	8	pcs
				Internal diameter: 17			
				Outer diameter: 30			
				Thickness: 3			
	36	Bulk, Hex nut (20 pcs)		Thread: M16	96620480		pcs
	37	Bulk, O-ring (10 pcs)			96536149		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.			98633886		pcs
	45	Bulk, Seal ring (10 pcs)			979152	217	1
	65	Bulk, Top f/neck ring (10 pcs)			965349		1
+	47a	Bulk, Bearing cpl. (5 pcs)			99366796	_	pcs
+	47a	Bulk, Bearing cpl. (10 pcs)			96534932	3	pcs
-	49e	Impeller cpl.			98394326	12	pcs
	48	Bulk, Nut (3 pcs)			992626	088	1
	48	Bulk, Nut (10 pcs)			992626	883	1
	48	Bulk, Nut (10 pcs)			965360	)16	1
	49b	Bulk, Split cone (10 pcs)			965360	010	1
-	49	Bulk, Impeller (10 pcs)			965349	933	1
	49c	Bulk, Wear ring (10 pcs)				5349	30
	55	Outer sleeve		Outer diameter: 197	99051714	1	pcs
				Length (mm): 865,5			
	58	Cover			98893158	1	pcs
	60	Bulk, Spring (20 pcs)			96536032	4	pcs
-	105	Bulk, Shaft seal (12 pcs)		Material type: HQQE	96984086	1	pcs
		Adjusting fork			965878	396	1
	109	Bulk, O-ring (10 pcs)			965475	586	1
+	105	Bulk, Shaft seal (12 pcs)		Material type: HQQE	96984070	1	pcs
	203	Bulk, Lock ring (4 pcs)			96534918	1	pcs