

1

Company name: Created by:

Phone: Date: 14/02/2019 Qty. Description CR 3-10 A-FGJ-A-E-HQQE Note! Product picture may differ from actual product Product No.: 96516657 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 combined DIN-ANSI-JIS 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 standard split coupling connects the pump and motor shaft. It is enclosed in the pump head/motor stool by means of two coupling guards. The pump head, pump head cover and flange for motor mounting is made in one piece. The pump head has a combined 1/2" priming plug and vent screw. 00-0 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)



14/02/2019

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Qty. | Description
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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.



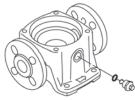
The shaft seal is screwed into the pump head.

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. The flanges and base are cast in one piece. The outlet side of the base has a combined drain plug and bypass valve. The pump is secured to the foundation by four bolts through the base plate.



The base is made of cast iron. The flanges and base are cast in one piece. The outlet side of the base has a combined drain plug and bypass valve. The pump is secured to the foundation by four bolts through the base plate.



Motor

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

Motor-mounting designation in accordance with IEC 60034-7: IM B 14 (Code I) / IM 3601 (Code II).

Electrical tolerances comply with IEC 60034.

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

The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (I1/1).

Technical data

| Controls: Frequency converter: | NONE |
|---|---|
| Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during o | Water -20 120 °C operation: 20 °C |



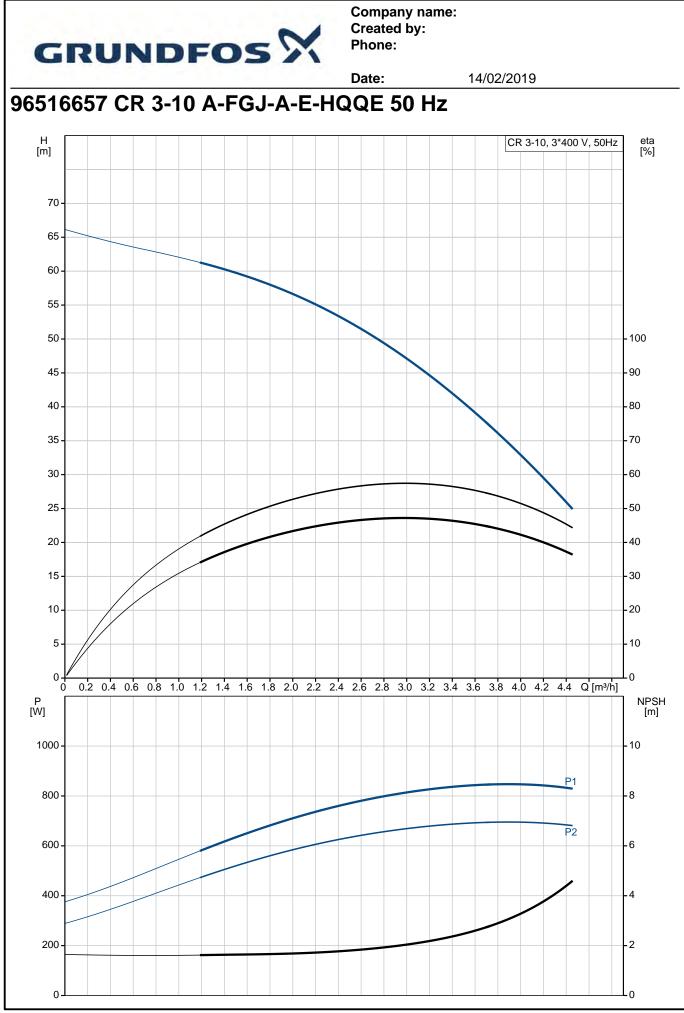
| - | | Date: | 14/02/2019 | |
|-----|--|-------------------------|------------|--|
| | Description | | | |
| 1 | Density: | 998.2 kg/m³ | | |
| | | | | |
| | Technical: | | | |
| | Pump speed on which pump da | | | |
| | Rated flow: | 3 m³/h | | |
| | Rated head: | 46.4 m | | |
| | Pump orientation: | Vertical | | |
| | Shaft seal arrangement: | Single | | |
| | Code for shaft seal: | HQQE | | |
| | Approvals on nameplate: | CE, EAC,ACS | | |
| | Curve tolerance: | ISO9906:2012 3B | | |
| | Materials: | | | |
| | Base: | Cast iron | | |
| | | EN 1561 EN-GJL-200 | | |
| | | ASTM A48-25B | | |
| | Impeller: | Stainless steel | | |
| | | EN 1.4301 | | |
| | | AISI 304 | | |
| | Bearing: | SIC | | |
| | | | | |
| | Installation: | 22.20 | | |
| | Maximum ambient temperature | | | |
| | Maximum operating pressure: | 25 bar | | |
| | Max pressure at stated temp: | 25 bar / 120 °C | | |
| | | 25 bar / -20 °C | | |
| | Type of connection: | DIN / ANSI / JIS | | |
| | Size of inlet connection: | DN 25/32 | | |
| | | 1 1/4 inch | | |
| | Size of outlet connection: | DN 25/32 | | |
| | | 1 1/4 inch | | |
| | Pressure rating for pipe connec | | | |
| | Flange rating inlet: | 250 lb | | |
| | Flange size for motor: | FT100 | | |
| | Electrical data: | | | |
| | Motor standard: | IEC | | |
| | Motor type: | 80A | | |
| | IE Efficiency class: | IE3 | | |
| | Rated power - P2: | 0.75 kW | | |
| | Power (P2) required by pump: | 0.75 kW | | |
| | Mains frequency: | 50 Hz | | |
| | Rated voltage: | 3 x 220-240D/380-415Y V | | |
| | Rated current: | 3.30/1.90 A | | |
| | Starting current: | 580-620 % | | |
| | Cos phi - power factor: | 0.81-0.71 | | |
| | Rated speed: | 2840-2870 rpm | | |
| | Efficiency: | IE3 80,7% | | |
| | Motor efficiency at full load: | 80.7 % | | |
| | Motor efficiency at 3/4 load: | 82.7 % | | |
| | Motor efficiency at 1/2 load: | 81.7 % | | |
| | Number of poles: | 2 | | |
| | Enclosure class (IEC 34-5): | 55 Dust/Jetting | | |
| | Insulation class (IEC 85): | F | | |
| | | | | |
| | Others: Minimum efficiency index, MEI a | â‰,¥· 0.70 | | |
| | Net weight: | a‱≇: 0.70 28.4 kg | | |
| | Gross weight: | 20.4 kg 31.2 kg | | |
| - 1 | UIUSS WEIGHL. | 01.2 NY | | |



| | Date: | 14/02/2019 | |
|----------|-------|------------|--|
| | | | |
| 0.074 m³ | | | |
| | | | |
| | | | |
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| | | | |

Qty. Description

Shipping volume:



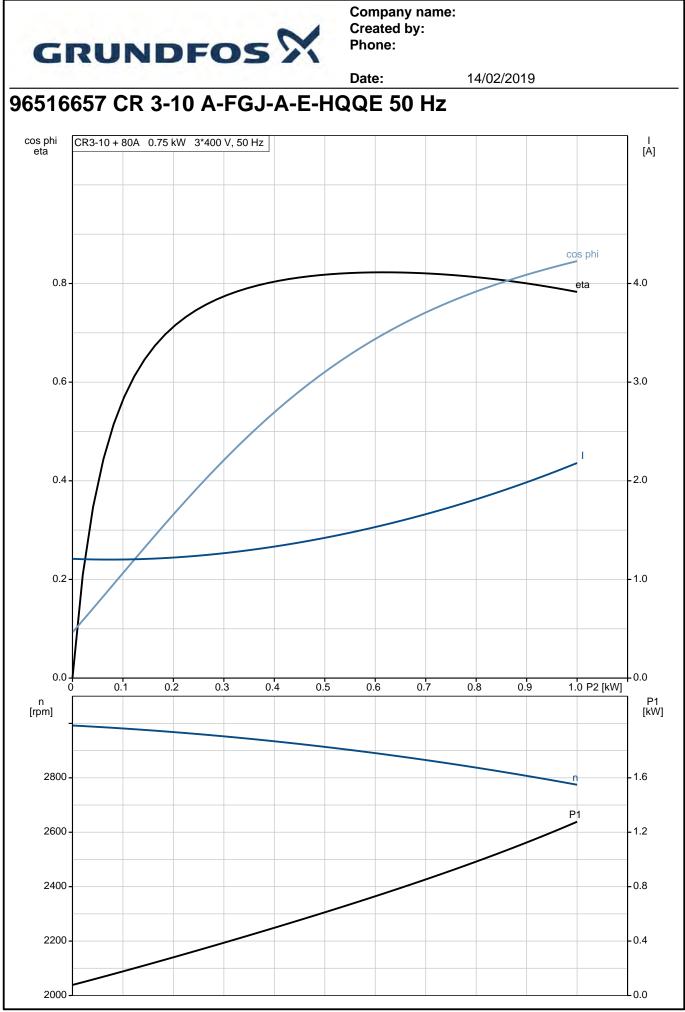


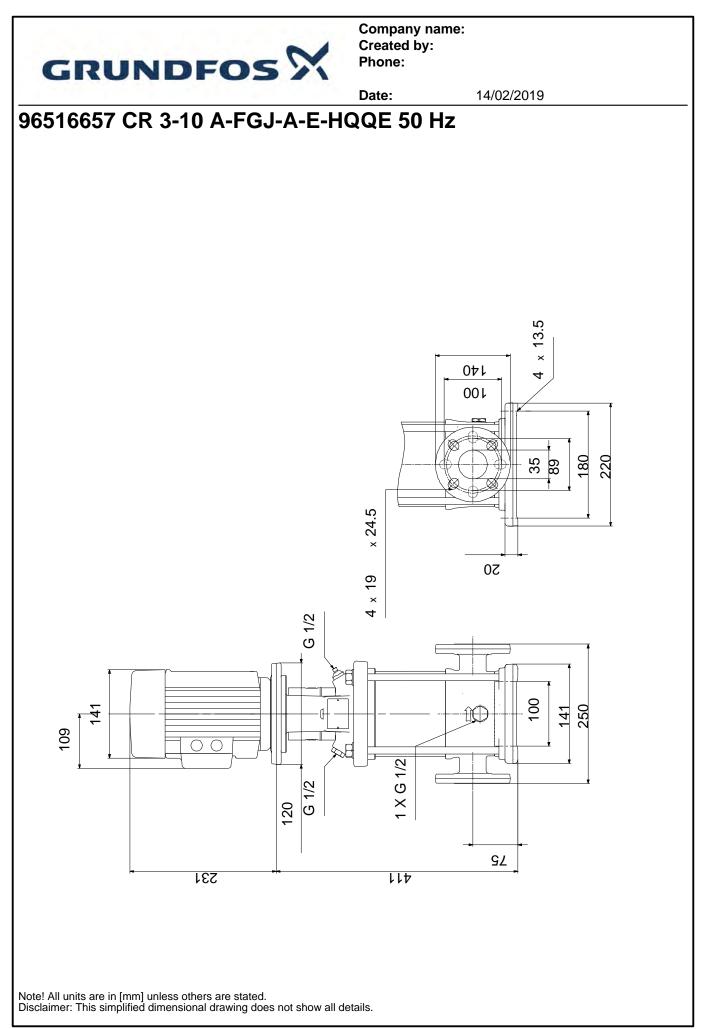
| | | Date: | 14/02 | /2019 | | |
|--|---------------------------|----------------|--------------------------------------|-------------|--|----------------|
| Description | Value | H [m] | | CR 3-10, 3 | *400 V, 50Hz | eta [%] |
| General information: | | - | | | | |
| Product name: | CR 3-10 A-FGJ-A-E-HQQE | 70 - 65 - | | | | |
| Product No: | 96516657 | 60 - | | | | 1 |
| EAN number: | 5700396747378 | | | | | |
| Technical: | 5100530141510 | 55 - | | | | 1 |
| | | 50 - | | | _ | - 100 |
| Pump speed on which pump data are based: | 2864 rpm | 45 - | | | | - 90 |
| Rated flow: | 3 m³/h | 40 - | | + | | - 80 |
| Rated head: | 46.4 m | 35 - | | | | - 70 |
| Head max: | 65.6 m | 30 - | | | | - 60 |
| Stages: | 10 | | | | $ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | |
| Impellers: | 10 | 25 - | | | | - 50 |
| Number of reduced-diameter impellers: | 0 | 20 - | | | | - 40 |
| Low NPSH: | N | 15 - | | | | - 30 |
| Pump orientation: | Vertical | 10 - | | | | - 20 |
| • | | — I, | | | | |
| Shaft seal arrangement: | Single | 5- | | | | - 10 |
| Code for shaft seal: | HQQE | 0 | 0.5 1.0 1.5 2.0 | 2.5 3.0 3.5 | 4.0 Q [m ³ /h] | L ₀ |
| Approvals on nameplate: | CE, EAC,ACS | - | 0.0 1.0 1.5 2.0 | 2.0 3.0 3.5 | 4.0 Q [m³/n] | NPSH |
| Curve tolerance: | ISO9906:2012 3B | P [W] | | | | [m] |
| Pump version: | A | 1000 - | | | | - 10 |
| Model: | Α | 800 - | | | <u>P1</u> | - 8 |
| Materials: | | 800- | | | | ſ° |
| Base: | Cast iron | 600 - | | | P2 | -6 |
| | EN 1561 EN-GJL-200 | | | | | |
| | ASTM A48-25B | 400 - | | | | - 4 |
| Impeller: | Stainless steel | | | | | |
| | EN 1.4301 | 200 - | | | | -2 |
| | AISI 304 | | | | | |
| Material code: | A131 304 | • 0- | | | | -0 |
| | | | | | | |
| Code for rubber: | E | | 109 | | | |
| Bearing: | SIC | | | | | |
| Installation: | | _ | ╎┟┱╗╖╫╖┰╌┥ | | | |
| Maximum ambient temperature: | 60 °C | 31 | | | | |
| Maximum operating pressure: | 25 bar | | ŢЩЩ | | | |
| Max pressure at stated temp: | 25 bar / 120 °C | | | | | |
| | 25 bar / -20 °C | | <u>G 1/2</u> G 1/2 | | | |
| Type of connection: | DIN / ANSI / JIS | - | | × 24.5 | | |
| Size of inlet connection: | DN 25/32 | - 1 | 1 X G 1/2 | | | |
| | 1 1/4 inch | | | | | |
| Size of outlet connection: | DN 25/32 | 75 | | | | |
| | 1 1/4 inch | | | 35 4 × 12 | 3.5 | |
| Pressure rating for pipe connection: | PN 25 | | 141 | 89 | - | |
| ÷ | 250 lb | | - | 220 | | |
| Flange rating inlet: | | | | | | |
| Flange size for motor: | FT100 | | HIGH VOLTAGE | _ | | |
| Connect code: | FGJ | - 🔊 - | DIRECTION OF ROTATION | | | |
| Liquid: | | | | | | |
| Pumped liquid: | Water | | | | | |
| Liquid temperature range: | -20 120 °C | | UĽIŸ®Ÿ U ™ | | | |
| Liquid temperature during operation: | 20 °C | | [\2 G+++-3 | | | |
| Density: | 998.2 kg/m ³ | | <u>``</u> ``@ <u>`</u> | | | |
| Electrical data: | | - ′ | <u>®a</u> p | | | |
| Motor standard: | IEC | | LOW VOLTAGE DIRECTION OF ROTATION | - | | |
| Motor type: | 80A | 60 - | | | | |
| IE Efficiency class: | IE3 | - r . - | | | | |
| Rated power - P2: | 0.75 kW | - Ear | | | | |
| | | _ 🕊 ' | HOAT | | | |
| Power (P2) required by pump: | 0.75 kW | - 1 | | | | |
| Mains frequency: | 50 Hz | 1 | iz 9 | | | |

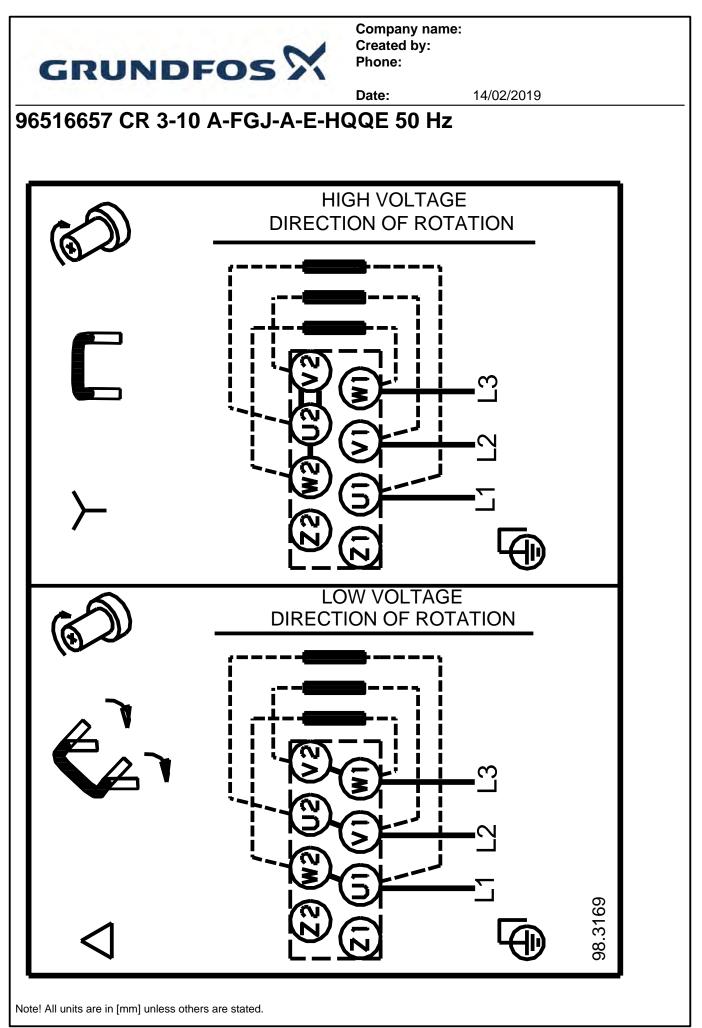
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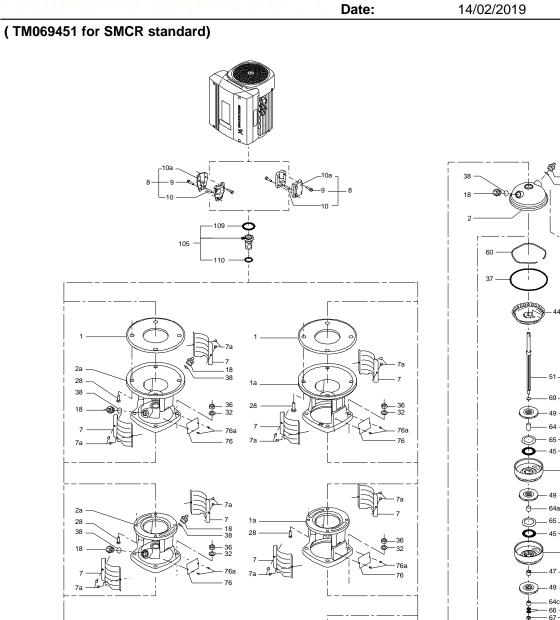
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|----------------------------------|----------------------------|-------|------------|--|
| | | Date: | 14/02/2019 | |
| Description | Value | | | |
| Rated voltage: | 3 x 220-240D/380-415Y V | - | | |
| Rated current: | 3.30/1.90 A | | | |
| Starting current: | 580-620 % | | | |
| Cos phi - power factor: | 0.81-0.71 | | | |
| Rated speed: | 2840-2870 rpm | | | |
| Efficiency: | IE3 80,7% | | | |
| Motor efficiency at full load: | 80.7 % | | | |
| Motor efficiency at 3/4 load: | 82.7 % | | | |
| Motor efficiency at 1/2 load: | 81.7 % | | | |
| Number of poles: | 2 | | | |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting | | | |
| Insulation class (IEC 85): | F | | | |
| Motor protec: | NONE | | | |
| Motor No: | 85U05104 | | | |
| Controls: | | | | |
| Frequency converter: | NONE | | | |
| Others: | | | | |
| Minimum efficiency index, MEI ≥: | 0.70 | | | |
| Net weight: | 28.4 kg | | | |
| Gross weight: | 31.2 kg | | | |
| Shipping volume: | 0.074 m³ | | | |

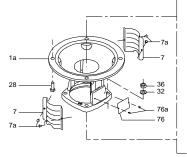


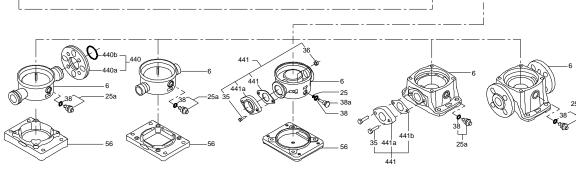












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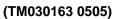
- 65 - 45

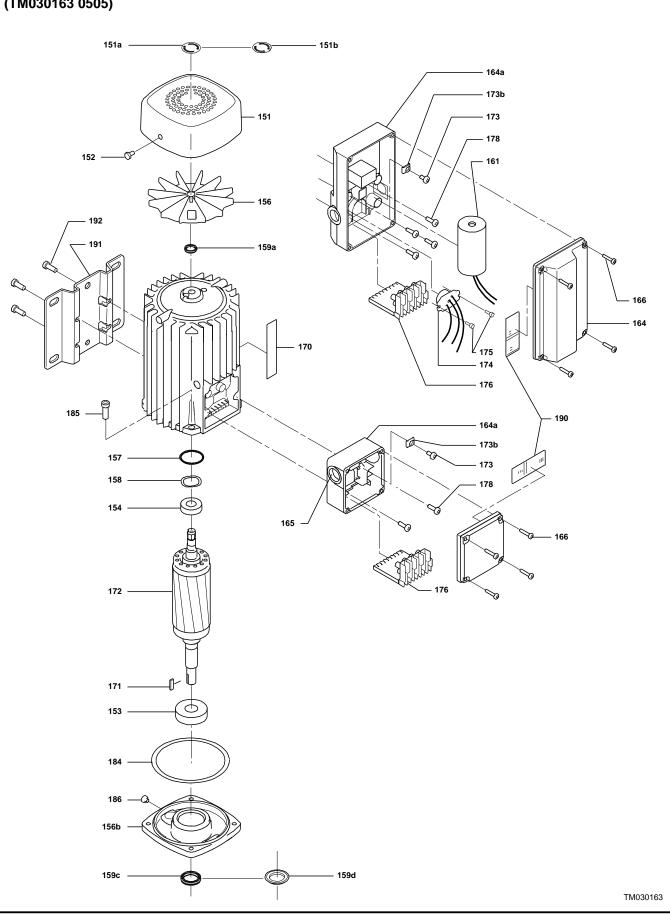
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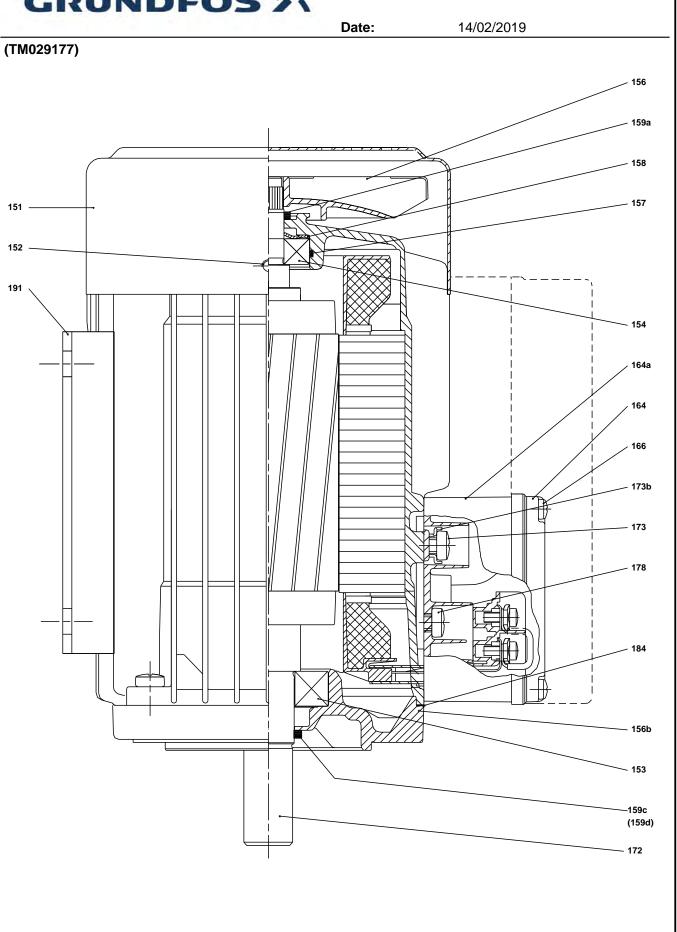
14/02/2019

Date:









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14/02/2019

Spare parts CR 3-10, Product No. 96516657 Valid from 7.2.2011 (1106)

| Pos | Description | Annotation | | Part no. | Qty | |
|----------|----------------------------|------------|-------------------------------|----------|-----|----------|
| 80 | Kit, chamber stack | | Bearing type: SILICON CARBIDE | 96453537 | 1 | pcs |
| 4a | Chamber w. bearing cpl. | | | | | 2 |
| | Vane | | | | | |
| | Intermediate chamber | | | | | |
| | Retainer for bearing | | | | | |
| | Guide vane | | | | | |
| 45 | Neck ring | | | | | |
| 47 | Bearing bush | | | | | |
| 65 | Retainer | | | | | |
| 65 | Retainer | | | | | |
| 4 | Chamber cpl. | | | | | 7 |
| - | Vane | | | | | - |
| | Intermediate chamber | | | | | |
| | Plate | | | | | |
| | Guide vane | | | | | |
| 45 | | | | | | |
| | Neck ring | | | | | |
| 65 65 | Retainer | | | | | |
| 65 | Retainer | | | | | |
| 5a | Chamber cpl. | | | | | 1 |
| | Vane | | | | | |
| | Intermediate chamber | | | | | |
| 45 | Neck ring | | | | | |
| 65 | Retainer | | | | | |
| 65 | Retainer | | | | | |
| 44a | Guide vane cpl. | | | | | 1 |
| | Plate | | | | | |
| | Guide vane | | | | | |
| 50 | Top plate | | | | | |
| 47 | Bearing ring, rotating | | | | | 2 |
| 49 | Impeller cpl. | | | | | 10 |
| 51 | Shaft, spline, cpl. | | | | | 1 |
| | Shaft | | | | | |
| 62 | Stop ring | | | | | |
| 64d | Spacing pipe | | Internal diameter: 12,85 | | | 2 |
| | | | Outer diameter: 15,85 | | | |
| | | | Length (mm): 4,50 | | | |
| 64c | Clamp, splined | | Internal diameter: 8,5 | | | 1 |
| | | | Outer diameter: 15 | | | |
| 64a | Spacing pipe | | | | | 7 |
| 66 | Wedge lock washer | | | | | 1 |
| 67 | Lock nut | | Thread: M8 | | | 1 |
| 0. | Kit, coupling | | . modul mo | 00415061 | | pcs |
| 9 | Hex socket head cap screw | | Designation: DIN 912 | 00410001 | | 4 |
| 3 | They socket head cap screw | | Length (mm): 20 | | | - |
| | | | Thread: M6 | | | |
| 10- | Counting holf | | Thread. Mo | | | <u>^</u> |
| 10a | Coupling half | | Diamatary F | | | 2 |
| 10 | Shaft pin | | Diameter: 5 | | | 1 |
| | | | Length (mm): 26 | 00505/05 | | |
| _ | Kit, coupling guard | | | 96505130 | | pcs |
| 7.a | Combi Slot Torx screw | | | | | 4 |
| 7 | Coupling guard | | | | | 2 |
| | Kit, gaskets | | | 96455090 | 1 | pcs |
| 37 | O-ring | | | | | 2 |



| Pos | Description | Annotation Classification Data Part no. Qt | y. Unit |
|-------------|-------------------------|--|----------|
| 38 | O-ring | Diameter: 16,3 | 1 |
| | | Material type: EPDM | |
| | | Thickness: 2,4 | |
| 38 | O-ring | Diameter: 16,3 | 2 |
| | 5 | Material type: EPDM | |
| | | Thickness: 2,4 | |
| 109 | O-ring | Diameter: 22,00 | 1 |
| 109 | 0-Illig | Material type: EPDM | I |
| | | | |
| | | Thickness: 2,75 | |
| | Kit, plug | 96505133 1 | pcs |
| 18 | Air vent screw | | 1 |
| | Spindle | | |
| | Plug | | |
| 23b | Spindle | | 1 |
| 25 | Plug | | 1 |
| 25 | Plug | | 1 |
| 38 | O-ring | Diameter: 16,3 | 1 |
| | - | Material type: FKM | |
| | | Thickness: 2,4 | |
| 38 | O-ring | Diameter: 16,3 | 2 |
| | | Material type: FKM | - |
| | | Thickness: 2,4 | |
| 20 | O ring | | 1 |
| 38 | O-ring | Diameter: 16,3 | 1 |
| | | Material type: EPDM | |
| | | Thickness: 2,4 | |
| 38 | O-ring | Diameter: 16,3 | 2 |
| | | Material type: EPDM | |
| | | Thickness: 2,4 | |
| | Kit, shaft seal HQQE | 96455086 1 | pcs |
| 105 | Shaft seal | Material type: HQQE | 1 |
| | Kit, wear parts | Material type: SILICON CARBIDE 96455092 1 | pcs |
| 4a | Chamber w. bearing cpl. | | 2 |
| 4a | Intermediate chamber | | |
| 45 | Neck ring | | |
| 65 | Neck ring retainer | | |
| 45 | Neck ring | | 17 |
| | | | |
| 47 | Bearing ring, rotating | la terre e la l'erre e terre 40.05 | 2 |
| 64d | Spacing pipe | Internal diameter: 12,85 | 2 |
| | | Outer diameter: 15,85 | |
| | | Length (mm): 4,50 | |
| 64c | Clamp, splined | Internal diameter: 8,5 | 1 |
| | | Outer diameter: 15 | |
| 65 | Neck ring retainer | | 17 |
| 66 | Wedge lock washer | | 1 |
| 67 | Lock nut | Thread: M8 | 1 |
| 441b | Gasket | | 2 |
| | Motor | 85903982 1 | _ pcs |
| | Kit, Ball bearing | 96279730 | • |
| 111 | Ball bearing | Designation: 6204.2Z.C3.SYN | • |
| | | Designation. 0204.22.03.31N | |
| 111 | Ball bearing | | |
| 157 | O-ring | Diameter: 32 | |
| | | Material type: NBR | |
| | | Thickness: 2 | |
| 158 | Waved washer | | |
| | Kit, fan | 96279721 | 1 |
| | | | |
| 156 | Fan | | |
| 156 159a | Fan Seal ring | | |



| Pos | Description | Annotation | Classification Data | | Part no. | -0+- | . Unit |
|------|---------------------------------------|------------|------------------------|------------|-----------|------|---------|
| 151 | Fan cover | Annotation | Classification Data | | Fait 110. | Qty | . Unit |
| 152 | Pan head thread forming screw | | | | | | |
| 152 | | | | | 96279 | 254 | 1 |
| 1506 | Kit, flange | | | | 962796 | 554 | I |
| 156b | Flange | | | | | | |
| 159c | Seal ring | | | | | | |
| 184 | Gasket | | Internal diamete | er: 114,80 | | | |
| | | | Outer diameter: 121,20 | | | | |
| | | | Thickness: 0,25 | | | | |
| 185 | Pan head screw | | | | | | |
| 186 | Drain plug | | | | | | |
| | Kit, shaft seal | | | | 96279 | 722 | 1 |
| 159c | Seal ring | | | | | | |
| 159a | Seal ring | | | | | | |
| loou | Kit, terminal box | | | | 96279 | 721 | 1 |
| 152 | Pan head thread forming screw | | | | 30213 | 24 | I |
| | | | | | | | |
| 164a | Terminal box w/gasket | | | | | | |
| 164 | Terminal box cover w/gasket | | | = | | | |
| 173a | Washer | | Designation: SC | JUARE | | | |
| | | | Internal diameter: 5,5 | | | | |
| | | | Outer diameter: 10X10 | | | | |
| | | | Thickness: 1,5 | | | | |
| 173a | Base | | | | | | |
| 173 | Pan head thread forming screw | | Designation: CC | OMBI TOR | X T25 | | |
| 173 | Pan head screw | | Designation: DI | | | | |
| 175 | Pan head screw | | Designation: DI | | | | |
| 176 | Terminal cpl. | | | | | | |
| · 4a | Bulk, Chamber w. bearing cpl. (3 pcs) | | | | 98371208 | 2 | pcs |
| • 4a | Bulk, Chamber w. bearing cpl. (5 pcs) | | | | 97690601 | | |
| | | | | | | | pcs |
| · 4a | Bulk, Chamber w. bearing cpl. (5 pcs) | | | | 97690590 | | pcs |
| • 4a | Chamber w. bearing cpl. | | | | 98371207 | | pcs |
| 4 | Bulk, Chamber cpl. (5 pcs) | | | | 97690020 | | pcs |
| 45 | Bulk, Neck ring (24 pcs) | | | | 96536 | | |
| 65 | Bulk, Retainer (24 pcs) | | | | 98270 | 018 | 1 |
| - 4 | Bulk, Chamber cpl. (10 pcs) | | | | 96547662 | 7 | pcs |
| 4 | Chamber cpl. | | | | 98371206 | 7 | pcs |
| - 5a | Bulk, Chamber cpl. (10 pcs) | | | | 98371205 | 1 | pcs |
| - 5a | Chamber cpl. | | | | 96588148 | | pcs |
| 6 | Base | | | | 96588146 | | pcs |
| 10a | Coupling half | | | | 96588030 | | pcs |
| | | | Diameter: 5 | | 96536473 | | |
| 10 | Bulk, Shaft pin (10 pcs) | | | | 900304/3 | I | pcs |
| 05 | | | Length (mm): 26 | | 0050001- | | |
| 25a | Drain plug w/bypass valve | | | | 96588242 | | pcs |
| 38 | Bulk, O-ring (10 pcs) | | Diameter: 16,3 | | 99198 | 315 | 1 |
| | | | Material type: EPDM | | | | |
| | | | Thickness: 2,4 | | | | |
| 38 | Bulk, O-ring (50 pcs) | | Diameter: 16,3 | | 99412 | 727 | 1 |
| | | | Material type: EPDM | | | | |
| | | | Thickness: 2,4 | | | | |
| 26 | Bulk, Staybolt (4 pcs) | | Length (mm): 205 | | 96536326 | 4 | pcs |
| | , - ···, - ·· (· F) | | Thread: M12 | | | | |
| 26 | Staybolt | | Length (mm): 205 | | 98986272 | Δ | nce |
| 20 | σιαγροιί | | Thread: M12 | | 30300Z1Z | + | pcs |
| 20 | Pulle Nut (20 r) | | | | 06600 470 | A | |
| 36 | Bulk, Nut (20 pcs) | | Thread: M12 | | 96620479 | | pcs |
| 37 | Bulk, O-ring (24 pcs) | | | | 96547656 | | 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 | 0 | pcs |



| | | | | Date: | 14/02/2019 | | |
|---|-----|---------------------------------------|------------|------------------------|------------|------|------|
| | Pos | Description | Annotation | Classification Data | Part no. | Qty. | Unit |
| | | | | Material type: EPDM | | | |
| | | | | Thickness: 2,4 | | | |
| + | 44a | Bulk, Guide vane cpl. (5 pcs) | | | 96547659 | 1 | pcs |
| | 47 | Bulk, Bearing ring, rotating (10 pcs) | | | 97905743 | 2 | pcs |
| | 47 | Bearing ring, rotating | | | 96547649 | 2 | pcs |
| | 49 | Bulk, Impeller cpl. (5 pcs) | | | 98426771 | 10 | pcs |
| | 49 | Bulk, Impeller cpl. (10 pcs) | | | 98394269 | 10 | pcs |
| | 49 | Bulk, Impeller cpl. (24 pcs) | | | 96547599 | 10 | pcs |
| | 49 | Impeller cpl. | | | 98394415 | 10 | pcs |
| + | 51 | Shaft, spline, cpl. | | | 98368515 | 1 | pcs |
| | 55 | Outer sleeve | | | 98811286 | 1 | pcs |
| | 64c | Bulk, Clamp, splined (5 pcs) | | Internal diameter: 8,5 | 98496968 | 1 | pcs |
| | | | | Outer diameter: 15 | | | |
| | 64a | Bulk, Spacing pipe (24 pcs) | | | 96536198 | 7 | pcs |
| | 66 | Bulk, Wedge lock washer (10 pcs) | | | 96536157 | 1 | pcs |
| | 67 | Bulk, Lock nut (10 pcs) | | Thread: M8 | 98277008 | 1 | pcs |
| + | 105 | Bulk, Shaft seal (15 pcs) | | Material type: HQQE | 96983415 | 1 | pcs |