ALPHA1, ALPHA1 GO, UPS4 GO

End-of-Life Information

This document is intended for treatment and recycling facilities and provides information on components, materials, handling, and dismantling of the product when it reaches the end of its life, to facilitate correct and environmentally sound treatment.

Grundfos ALPHA1, ALPHA1 GO and UPS4 GO must be disposed of in accordance with local regulations, using authorized WEEE collectors and designated collection points. If these are not available, please contact the nearest Grundfos company or service workshop.

Safety risk

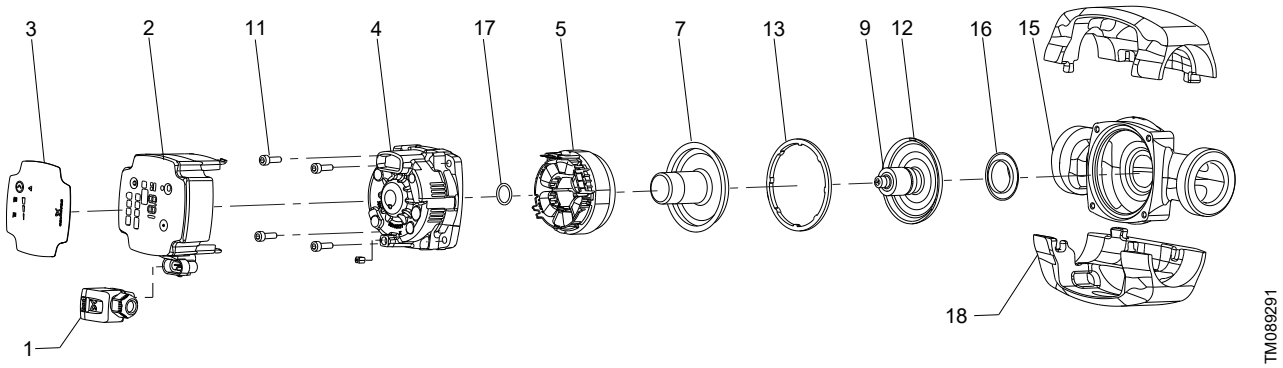
- **Safety risk related to materials used:**
  The product, being an electric equipment, contains materials and substances that may be hazardous and pose risks to the environment if it becomes waste and is not handled correctly. Please refer to the *EU's SCIP database* and the REACH SVHC Content lookup tool via this *link* to find the SVHC content present in the product.
  There is no risk for people during the dismantling process posed by the materials used in the product.
- **Safety risk related to handling the product:**
  The weight of the pump can become a risk during disassembly if the pump is dropped.

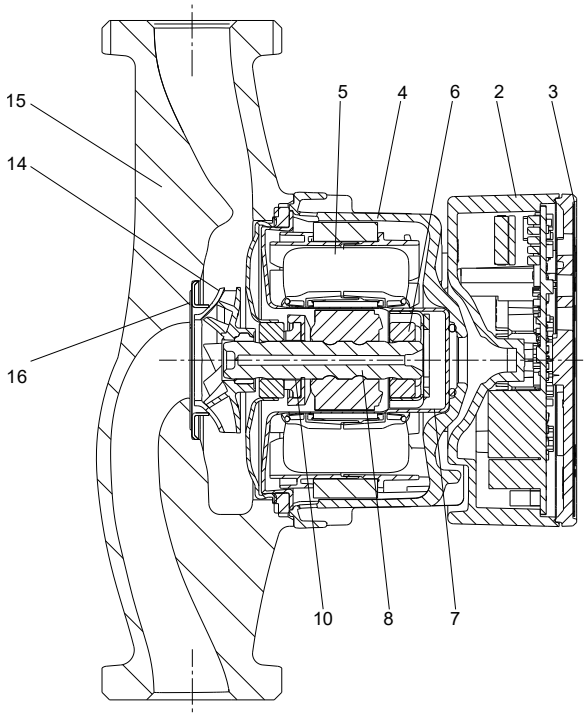
Disassembly the product

The main materials of the components are:

- Copper
- Cast iron
- Aluminimum
- Electronic Components
- Composite Materials

and can therefore be recycled to a large extend – depending on the national possibilities for recycling.The pump is assembled by using screws and bolts and can be disassembled with standard tools. There are no loose parts inside the motor.





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Pos.	Component	Material	Special disassembly considerations
1	Plug	Composite PA6-GF30	
2	Control box	Composite PC-GF10 FR	
	Control electronics	Printed circuit board with surface mounted device components	
3	Front foil	LEXAN 8A13F	
4	Stator housing	Aluminium, silumin	
5	Stator	Copper wire	The stator is heat-shrink fitted into the stator housing
	Stator lamination	Laminated iron	
6	Radial bearing	Ceramics	The bearing is press fitted into the rotor can
7	Rotor can	Stainless steel	
8	Shart	Ceramics	
9	Rotor	NdFeB or injection moulded ferrite	
	Rotor tube	Stainless steel	
	Rotor cladding	Stainless steel	
	Bush	Stainless steel	
10	Thrust bearing	Carbon	
	Thrust bearing retainer	EPDM	
11	Screws	Steel	
12	Bearing plate	Stainless steel	
13	Gasket	EPDM	
14	Impeller	Composite / PES 20 or 30 % GF	
15	Pump housing	Cast iron GG15	
16	Neck ring	Stainless steel	
17	O-ring	EPDM	
18	Insulating shells	EPP	