

ALPHA 26, UPS_e 26, UPM_eM, UPM_eL, UPM_eXL, UPM_eXXL

1. ALPHA 26, UPSe 26, UPMeM, UPMeL, UPMeXL, UPMeXXL

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 ALPHA, UPSe, UPMeM, UPMeL, UPMeXL, and UPMeXXL 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 electrical 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.

- **Safety risk related to handling the product.**

There is no risk for people during the disassembly process posed by the materials used in the product.

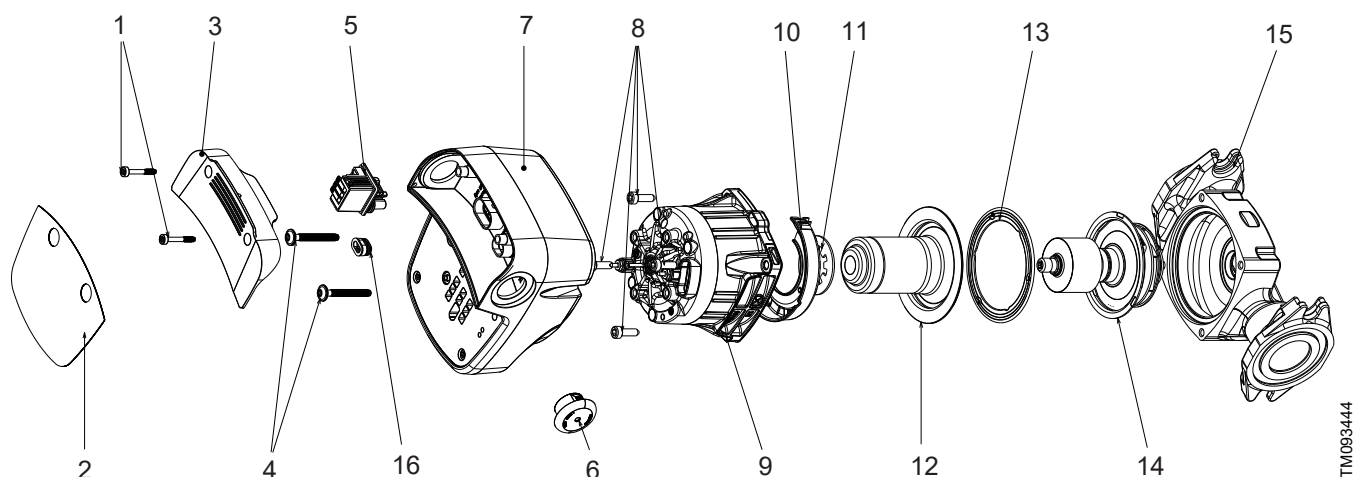
The weight of the pump can become a risk during dismantling if the pump is dropped.

Dismantling the product

The main materials of the components are:

- copper
- cast iron
- Aluminium
- electronic components
- composite materials

and can therefore be recycled to a large extent – 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.



TM093444

Pos.	Designation	Material	Special disassembly considerations
1	Screw	Stainless steel	
2	Front foil	Polycarbonate	
3	Conduit cover	Polycarbonate 10 % GF	
4	Screws	Stainless steel	
5	Plug connector	Polyamide	
6	Cap plug	CuNi	
7	Control box	Polycarbonate 10 % GF	
	Control box sealing	TPV	
	Electronics	PCB with SMD components	
8	Screws	Stainless steel	
9	Stator housing	Aluminium, silumin	The stator is heat-shrink fitted into the stator housing.
	Stator lamination	Laminated iron	
	Stator winding	Copper wire	
	Terminal cap	PET 30 %	
	End cap	PET 30 %	
10	Ingress protection	PET 30 %	
	Cap		
11	Gasket	EPDM	
12	Rotor can	Stainless steel	The bearing is press fitted into the rotor can.
	Bearing	Ceramics, alumina	
13	Gasket	EPDM	
14	Rotor magnet	Neodymium	
	Rotor cladding	Stainless steel	
	Shaft	Ceramics, alumina	
	Axial bearing	Graphite	
	Bearing retainer	EPDM	
	Bearing plate	Stainless steel	
	Impeller back plate	PES 30 % GF	
	Impeller front plate	PES 30 % GF	
	Hub	Stainless steel	

Pos.	Designation	Material	Special disassembly considerations
15	Pump housing	Stainless steel	
		Cast iron	
		Composite PA 6.6 30 % GF	
16	Neck ring	Stainless steel	
	Blind plug	Silicon	

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