

# DDI 222

## End-of-Life Information

Grundfos DDI Pumps must be disposed of according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

To identify the specific product materials, please check the Type key available in the product nameplate as described in the product's Installation and operating instructions.

## Safety Risk

Safety related to materials used

- The materials used in DDI pumps do not pose any health risk to the person handling them. Please observe the corresponding indications in the Installation and operating instructions for taking the product out of operation.

Safety related to handling the product

- The required safety measures for handling the chemical being dosed with this pump should be taken. The parts in contact with the fluid should be rinsed and cleaned before disposal in an environmentally sound way.
- The product should be taken out of operation according to the recommendations described in the Installation and operating instructions.
- Care should be taken when handling the pump due to its weight.

## Disassembly of the Product

Depending on the pump model, the materials of the product components are:

- Stainless Steel of different grades
- Thermoplastics of different compositions
- Elastomers of different compositions
- Composites
- Aluminium
- Electronic scrap

The pump is assembled by using Torx T20, T25 and Hexagon screws, and can therefore be disassembled with standard tools.

Designation	Name	Material	Special Disassembly Consideration
1	BLDC Motor	Fulling FL57BLS03	
2	Dosing head	PVC or PP or PVDF or SS 1.4401	
3	Check valve body	PVC or PP or PVDF or SS 1.4401	
4	Valve ball cage	PVC or PP or PVDF or SS 1.4401	
5	Valve ball	Glass or Ceramic or PTFE or SS	

		1.4401	
6	Valve ball seat	FKM or EPDM or PTFE	
7	O-ring	FKM or EPDM or PTFE	
8	Idem 3	Idem 3	
9	Diaphragm	PTFE / SS 1.4401	
10	Dosing head plate d=95 mm / 3.75	SS 1.4401	
11	Shaft eccentric	Polyoxymethylene	
12	Shaft	Polyoxymethylene	
13	Gearbox enclosure	Aluminum	
14	Ball bearings	Steel	
15	Connecting rod	Polyoxymethylene	
16	Toothed belt	Proprietary composite	
17	Enclosure	PPO/PS	
18	Motor seat	Steel	
19	Diaphragm flange	PPO	
20	Sealing diaphragm	EPDM	
<b>Not represented</b>	Print circuit board / electronic components	Electronic scrap	
<b>Additional materials:</b>		Screws, gaskets etc.: Various materials less than 5% of weight.	

