

GRUNDFOS **durietta 0**

COMPACT, END-SUCTION CENTRIFUGAL PUMP



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GRUNDFOS 



# RELIABLE AND COMPACT PERFORMANCE

## A solid pump for superior hygiene

The durietta 0 is a close-coupled end-suction single- or multistage centrifugal pump created for all kinds of low-flow, high-head applications that call for sanitary pump equipment.

The durietta 0 is designed in compliance with food technology requirements, making it ideal for jobs where hygiene is a key concern. For example, it is CIP- and SIP-capable with the performance characteristics outlined for pumps in DIN 12462.

## Applications

The unique hygienic design and the materials used make the durietta 0 pump range suitable for:

### Food and beverage

- Pumping of liquids in microbreweries and dairies
- Bottling systems for liquids
- Food processing plants
- Drinking water systems

### Pharmaceutical and related industry

- Purification systems
- Personal care industries

### Other industrial applications

- Semi-conductor manufacturing
- CIP-systems
- Heat exchangers

### Design variations

durietta 0	
Standard variation	Description
durietta 0 K	Horizontal installation, monobloc
durietta 0 K SUPER	Horizontal installation, motor with stainless steel shroud on stainless steel foot with elastomer base

### Mechanical shaft seal

Grundfos offers various seal arrangements:

- Single mechanical seal
- Double mechanical seal, tandem.

The standard mechanical shaft seal has an optimum position in the pump housing. This ensures lubrication and cooling of the mechanical seal in accordance with the criteria of the hygienic design.

### Connections

Grundfos offers threads to DIN 11851 as standard for durietta 0 pumps.

Connections on request

Threads:

- Threads, SMS
- Threads DIN 11864-1

Flanges:

- Flanges to DIN EN 1092-1 (DIN 2642)

Clamps:

- Clamps, TRI-CLOVER/TRI-CLAMP

Other connections are available on request.

### Impeller

The type is semi-open.

### Customised solutions

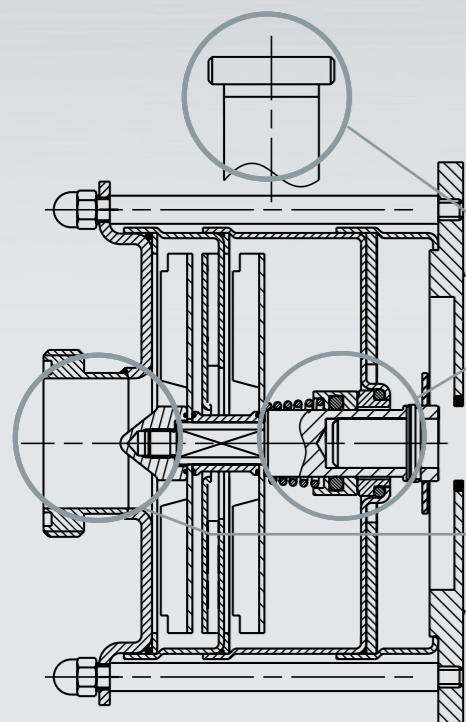
Customisation is one of the highlights of the durietta 0 pump range. The range of these multistage sanitary pumps allows you to choose between several variants to suit your task.



**Additional information available in Grundfos WebCAPS**

Please consult Grundfos WebCAPS for more detailed information on subjects including

- Optional seal materials
- Connection options
- Additional options.



## FEATURES AND BENEFITS

### Connections

Flexible connections

### Shaft seal

Optimum position in the pump housing

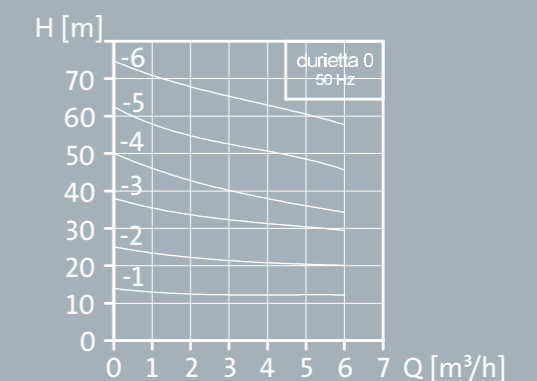
### Surface

Electropolished for easy cleaning

## TECHNICAL DATA

durietta 0	
Flow:	up to 6 m <sup>3</sup> /h
Head:	up to 75 m
Liquid temperature:	Operating temperature: 90°C ( up to 120°C on request)
Compact multi-stage end-suction sanitary pump	Operating pressure: up to 8 bar

## PERFORMANCE CURVE



## The durietta 0 range:

### Part of the Grundfos portfolio

These multistage, end-suction centrifugal pumps meet a variety of needs for usage in sanitary applications. They are part of the much wider Grundfos portfolio of pump technology, systems, and solutions – a palette which features innovative cleantech, services, and more. Key areas served include:

- Heating
- Cooling
- Water supply
- Wastewater
- Fire fighting
- Dosing
- Industrial processes

Explore the Grundfos portfolio at [www.grundfos.com](http://www.grundfos.com).

It is probably larger than you think

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