

Separator GEA Westfalia Separator ecoplus GSC 60-06-077

Technical Data | Beverage clarification



This centrifuge has been designed for the clarification of beverages.

With the patented GEA Westfalia Separator **hydrostop** bowl ejection system, this machine is suitable particularly for applications where the prime target is high yield. High solid contents likewise present no problem.

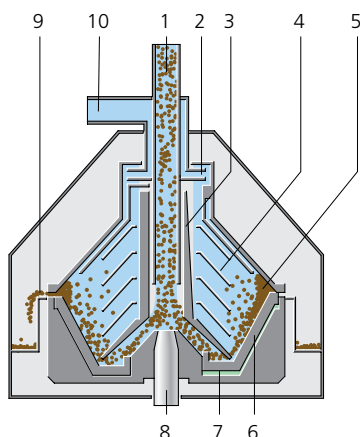
The self-cleaning bowl makes the machine suitable for fully automatic cleaning-in-place.

The feed and discharge are in a closed system. The bowl is hydrohermetically sealed. A mechanical seal is therefore not required.

The machine is driven by a 3-phase AC motor via a low-maintenance flat belt. All product-contacting parts are made of stainless steel; the gaskets conform to the requirements of food operations.

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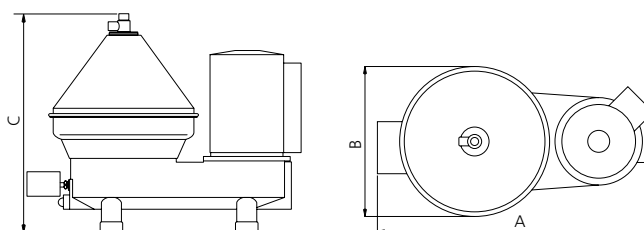
Operating principles and constructional features



- | | |
|------------------------|-------------------------------|
| 1 Product feed | 6 Sliding piston |
| 2 Centripetal pump | 7 Closing chamber |
| 3 Distributor | 8 Spindle, drive |
| 4 Disk stack | 9 Solids ejection port |
| 5 Solids holding space | 10 Discharge, clarified phase |

Capacity	
Hydraulic capacity	22,000 l/h
Process data	
Solids space	10.0 liters
Energy requirement	
Motor rating	22 kW
Weights	
Separator, complete	1600 kg (3527 lb)
Bowl	400 kg (882 lb)

Dimensions in mm (inch)



A	B	C	D
1650 (65)	854 (34)	1499 (59)	2250 (89)

Standard equipment

- Control unit for bowl and motor
- Valves and connections for utilities
- Special tools
- Standard spare parts

Optional additional equipment

- Separator with foundation frame
- Feed and discharge valves
- Turbidity measurement
- Vibration, speed and flow monitoring
- Other options on request

GEA Mechanical Equipment

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