



## CLAWVAC B

The claw benchmark  
in rough vacuum

The unique product features of the CLAWVAC product range offers great advantages for the rough vacuum industry. The pump design enables extreme robustness, especially for challenging applications which include handling of particles and vapour contaminated gases. Therefore, the user will experience a trouble-free and cost-saving operation.



### Harshest applications ready

- Built-in corrosion resistance
- Completely cleanable
- Segregated gearbox design avoids oil contamination of the process
- Cooled and designed to guarantee the highest uptime



### Extended uptime

- Wear free pump chamber
- Durable and dependable components for extended lifetime
- Long service intervals:
  - 20,000 hr between oil changes
  - Major overhauls extended to 48,000 hrs



### Completely cleanable

The user has full and easy access to all media touched surfaces. Housing and claws can be disassembled without need for resetting of the gear timing. The big-size silencer reduces the sound level a bit and allows condensate draining through the drain port.

### High capability for demanding applications via:

- Corrosion resistant stainless steel claws
- Resistance to high water vapor or water slugs
- Coated and corrosion resistant pumping chamber
- Drainable silencer

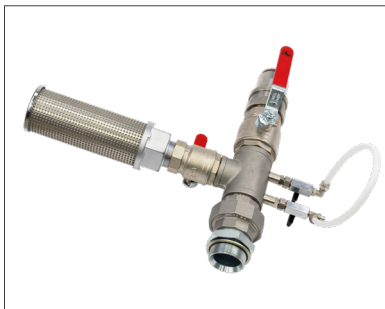


## Innovative product features



### Outperforming

- Best-in-class performance
- Continuous operation at any inlet pressure
- Low power consumption



### Excellent cleaning

- Convenient flushing to clean the pump internals and remove even soft layers
- Quick & easy flushing procedure



### FC ready

- Compatible with a Frequency Converter and the setpoint control of **VAControl™**

## Technical Data

		CP 300 B
Pumping speed (50/60 Hz)	m³/h	300/347
Ultimate vacuum		140/105
Permissible ambient temperature range	°C / °F	0 – 40 / 32 – 104
Operation range	Hz	20 – 60
Noise level <sup>1)</sup> (50/60 Hz)	dB (A)	72/75
Motor power (50/60 Hz)	kW	6.2/ 7.5
Weight	kg	304
Dimensions	mm	1036 x 501 x 614
Connections	Inlet Outlet	G 2" or NPT G 1 1/4" or NPT

Ordering Information *	CP 300 B
Motor version (200/230/380/400/460/575V, 50/60Hz, 3PH)	10780300V01~V07
W/O motor version	10780300V21~V22

<sup>1</sup> According to DIN EN ISO 2151

\* For detailed information on our full scope of CLAWVAC pumps and motor versions, please refer to our general catalog. Visit our webshop [www.leyboldproducts.com](http://www.leyboldproducts.com)

## Applications

- ✓ Food Processing
- ✓ Food Packaging
- ✓ Woodworking
- ✓ Degassing
- ✓ Plastic Industry
- ✓ Thermoforming
- ✓ Material Transport & Holding
- ✓ Environmental Engineering

