

# COBRA BA 0100 C

Dry screw vacuum pump



Discover all advantages of  
the product series COBRA  
BA

## High performance

Advanced screw design, bell-shaped construction, patented self-balancing screws, excellent running qualities, perfectly suited for semiconductor and analytical applications, sterilization, freeze-drying, furnaces, thin film coating and gas recovery

## Efficient

Low cost of ownership, minimal maintenance, long service intervals, high uptime, efficient air cooling

## Compact

Fit-in-place design, directly mounted canned motor

### Accessories

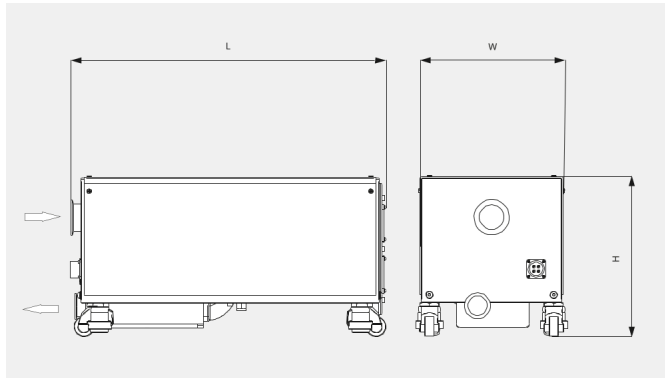
- Seal and dilution gas system for pumping vapors and condensable gases

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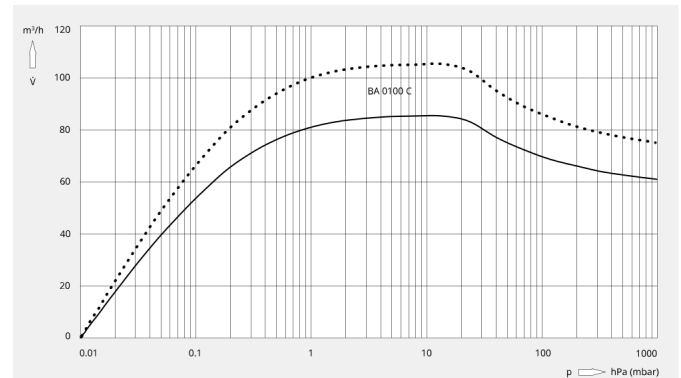


## Dimensional drawing



## Pumping speed

Air at 20 °C. Tolerance:  $\pm 10\%$



The following technical values refer to ISO 50 Hz

COBRA BA 0100 C	
Nominal pumping speed	85 m³/h
Ultimate pressure	0.01 hPa (mbar)
Nominal motor rating	1.5 kW
Power consumption at ultimate pressure	1.1 kW
Power consumption idle mode	1.25 kW
Nominal motor speed	3000 min <sup>-1</sup>
Noise level (ISO 2151)	58 dB(A)
Nitrogen consumption	0 – 50 l/min
Weight approx.	120 kg
Dimensions (L x W x H)	634 x 304 x 338 mm
Gas inlet	DN 50 KF
Gas outlet	DN 40 KF

The following technical values refer to ISO 60 Hz

COBRA BA 0100 C	
Nominal pumping speed	105 m³/h
Ultimate pressure	0.01 hPa (mbar)

# COBRA BA 0100 C

Dry screw vacuum pump



COBRA BA 0100 C	
Nominal motor rating	1.8 kW
Power consumption at ultimate pressure	1.1 kW
Power consumption idle mode	1.25 kW
Nominal motor speed	3600 min <sup>-1</sup>
Noise level (ISO 2151)	58 dB(A)
Nitrogen consumption	0 – 50 l/min
Weight approx.	120 kg
Dimensions (L x W x H)	634 x 304 x 338 mm
Gas inlet	DN 50 KF
Gas outlet	DN 40 KF

## DO YOU WANT TO KNOW MORE

Please contact us!  
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CONTACT FORM



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