

# COBRA BC 0100/0200 F

Dry screw vacuum pumps



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## High performance

Advanced screw design, bell-shaped construction, patented self-balancing screws, excellent running qualities, perfectly suited for tasks in load lock and transfer chambers, metrology, lithography, physical vapor deposition and rapid thermal annealing

## Efficient

Low cost of ownership, minimal maintenance, long service intervals, high uptime, direct water cooling, idle mode capabilities

## Compact

Fit-in-place design, directly mounted canned motor

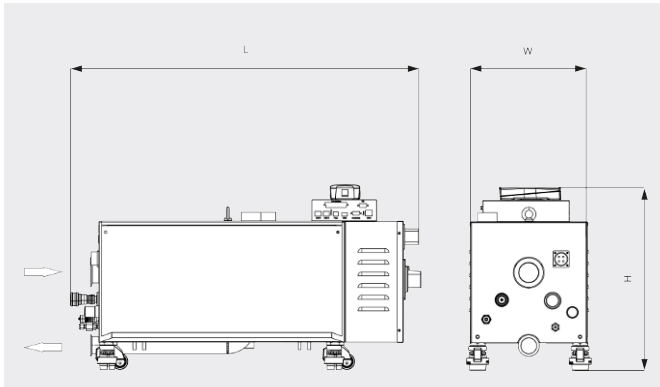
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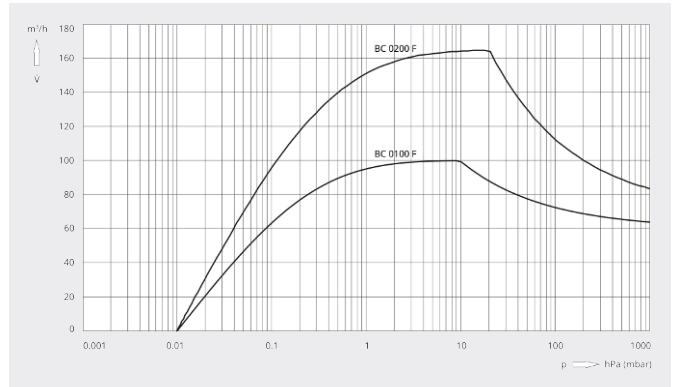


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Dimensional drawing



Pumping speed  
Air at 20°C. Tolerance: ± 10%



	COBRA BC 0100 F	COBRA BC 0200 F
Nominal pumping speed	100 m³/h	165 m³/h
Ultimate pressure	0.01 hPa (mbar)	0.01 hPa (mbar)
Nominal motor rating	1.5 kW	2.9 kW
Power consumption at ultimate pressure / idle mode	1.3 kW	1.6 kW
Nominal motor speed	3600 min <sup>-1</sup>	4570 min <sup>-1</sup>
Noise level (ISO 2151)	58 dB(A)	60 dB(A)
Water consumption	min. 1.0 l/min	min. 2.0 l/min
Nitrogen consumption	0 - 50 l/min	0 - 50 l/min
Weight approx.	120 kg	130 kg
Dimensions (L x W x H)	829 x 304 x 362 mm	806 x 304 x 392 mm
Gas inlet / outlet	DN 50 KF / DN 40 KF	DN 50 KF / DN 40 KF

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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