

COBRA NC 0100–0300 B ECOTORQUE

Dry screw vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

High energy savings thanks to the variable speed drive (ECOTORQUE), Ecomode with automatic start and stop function, reduced maintenance costs, long service intervals, extended pump lifetime, efficient cooling systems

Flexible

Precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements, compatible with a wide range of supply voltages, easy control and monitoring of up to eight vacuum pumps with optional ECOTORQUE Master Control

High performance

Advanced screw design, patented self-balancing screws, fast pump-down times, perfectly suited for heat treatment, coating, vacuum drying and carbon capture

Accessories, spare parts and options

- Purge gas system
- Sealing gas supply
- Dilution gas supply
- Connection adapter to connect ISO or ASME flanges
- Non-return valve
- Exhaust gas silencer
- Air cooling
- Various sealing and coating configurations

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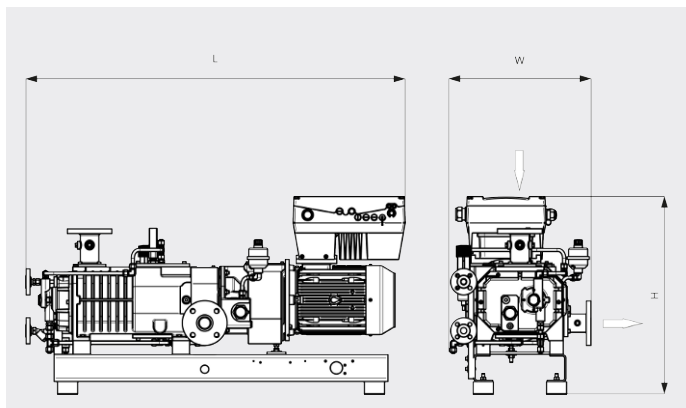
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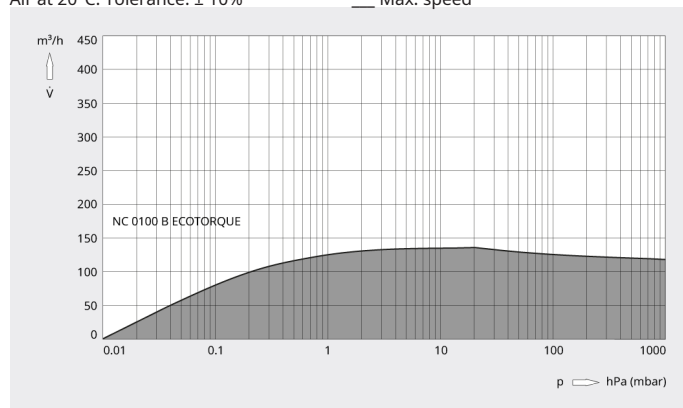
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

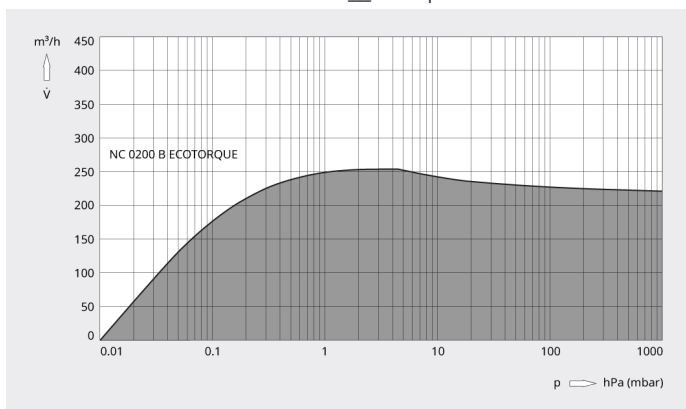
___ Max. speed



Pumping speed

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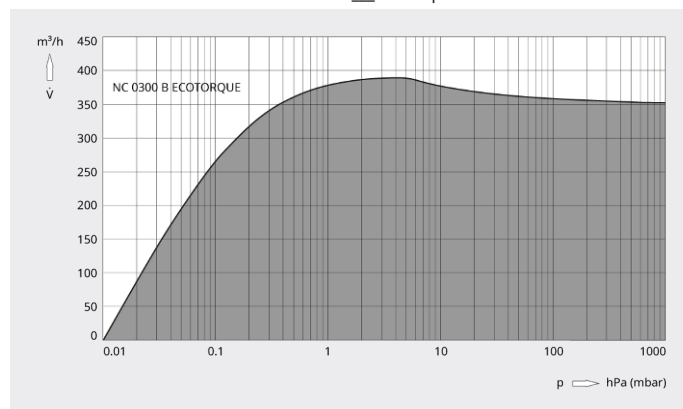
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Pumping speed

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	COBRA NC 0100 B ECOTORQUE	COBRA NC 0200 B ECOTORQUE	COBRA NC 0300 B ECOTORQUE
Pumping speed	max. 130 m ³ /h (50 / 60 Hz)	max. 265 m ³ /h (50 / 60 Hz)	max. 385 m ³ /h (50 / 60 Hz)
Ultimate pressure	≤ 0.01 hPa (mbar)	≤ 0.01 hPa (mbar)	≤ 0.01 hPa (mbar)
Nominal motor rating	4.8 kW	7.6 kW	9.5 kW
Nominal motor speed	3600 min ⁻¹	3600 min ⁻¹	3600 min ⁻¹
Sound pressure level (ISO 2151), KpA = 3 dB	≤ 74 dB(A)	≤ 76 dB(A)	≤ 77 dB(A)
Weight approx.	300 kg	350 kg	400 kg
Dimensions (L x W x H)	1180 x 514 x 678 mm	1263 x 514 x 700 mm	1398 x 514 x 726 mm
Gas inlet / outlet	DN 40 PN 16 / DN 40 PN 16	DN 50 PN 16 / DN 50 PN 16	DN 50 PN 16 / DN 50 PN 16

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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