

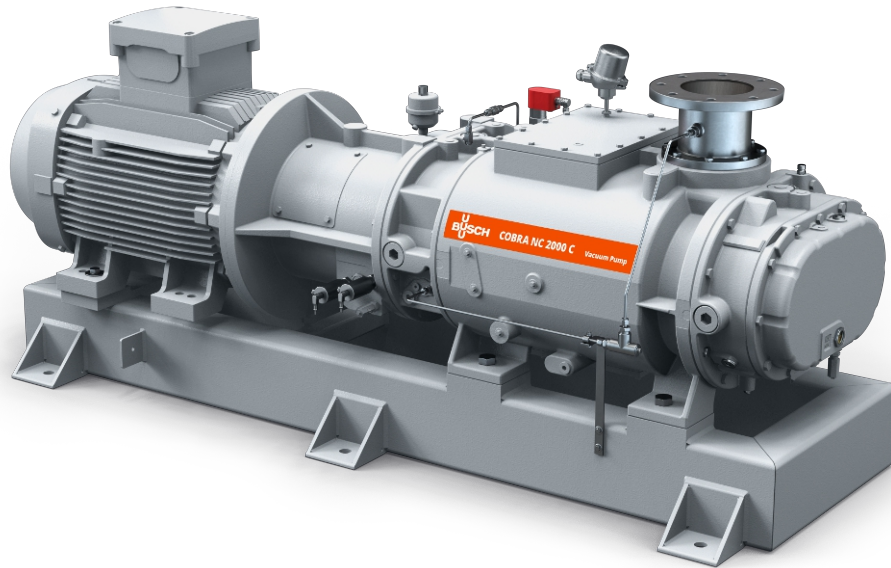
# COBRA NC 0630-2000 B/C VR

Dry screw vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## High performance

Advanced screw design, patented self-balancing screws

## Efficient

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

## ATEX-certified

Low gas temperatures within the compression chamber, special cooling system for the extraction of petrol vapor, perfectly suited for the stage I recovery of petrol and other hydrocarbon vapors in the petrochemical industry

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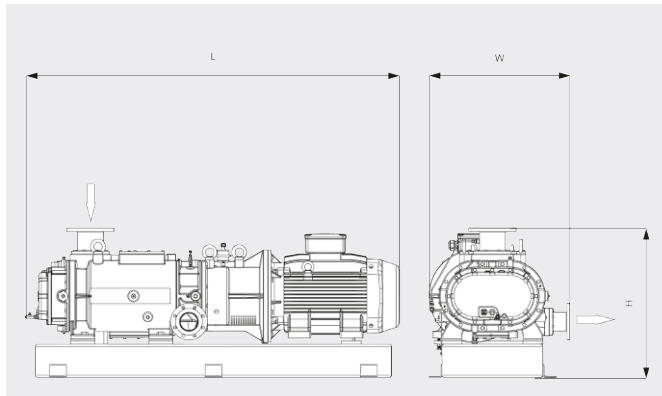
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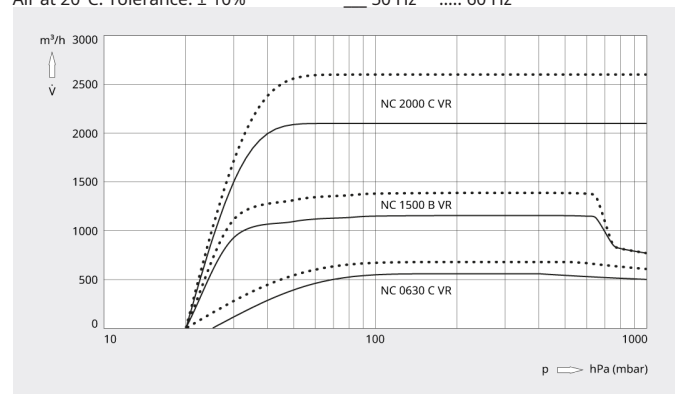
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                    | COBRA NC 0630 C VR                                       | COBRA NC 1500 B VR                                       | COBRA NC 2000 C VR                                        |
|----------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| <b>Pumping speed</b>                               | 580 / 680 m³/h (50 / 60 Hz)                              | 1160 / 1400 m³/h (50 / 60 Hz)                            | 2100 / 2600 m³/h (50 / 60 Hz)                             |
| <b>Ultimate pressure</b>                           | < 25 / < 20 hPa (mbar) (50 / 60 Hz)                      | ≤ 20 hPa (mbar) (50 / 60 Hz)                             | ≤ 20 hPa (mbar) (50 / 60 Hz)                              |
| <b>Nominal motor rating</b>                        | 22 kW (50 / 60 Hz)                                       | 30 / 36 kW (50 / 60 Hz)                                  | 55 / 63 kW (50 / 60 Hz)                                   |
| <b>Nominal motor speed</b>                         | 3000 / 3600 min⁻¹ (50 / 60 Hz)                           | 3000 / 3600 min⁻¹ (50 / 60 Hz)                           | 3000 / 3600 min⁻¹ (50 / 60 Hz)                            |
| <b>Sound pressure level (ISO 2151), KpA = 3 dB</b> | 73 / 78 dB(A) (50 / 60 Hz)                               | ≤ 79 / ≤ 81 dB(A) (50 / 60 Hz)                           | ≤ 79 / ≤ 84 dB(A) (50 / 60 Hz)                            |
| <b>Weight approx.</b>                              | 880 kg                                                   | 1250 kg                                                  | 2000 kg                                                   |
| <b>Dimensions (L x W x H)</b>                      | 1683 x 720 x 855 mm                                      | 1960 x 738 x 855 mm                                      | 2226 x 880 x 898 mm                                       |
| <b>Gas inlet / outlet</b>                          | DN 100 PN 16, ANSI 4" B16.5 / DN 80 PN 16, ANSI 3" B16.5 | DN 100 PN 16, ANSI 4" B16.5 / DN 80 PN 16, ANSI 3" B16.5 | DN 150 PN 16, ANSI 6" B16.5 / DN 100 PN 16, ANSI 4" B16.5 |

## DO YOU WANT TO KNOW MORE?

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