

# COBRA NC 0400-1000 B/C

Dry screw vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## High performance

Advanced screw design, patented self-balancing screws, perfectly suited for chemical processes, distillation and vacuum drying

## Efficient

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

## Flexible

Air cooling, various sealing and coating configurations as well as ATEX-certified versions available

Accessories, spare parts and options

- Various sealing and coating configurations
- ATEX-certified versions available

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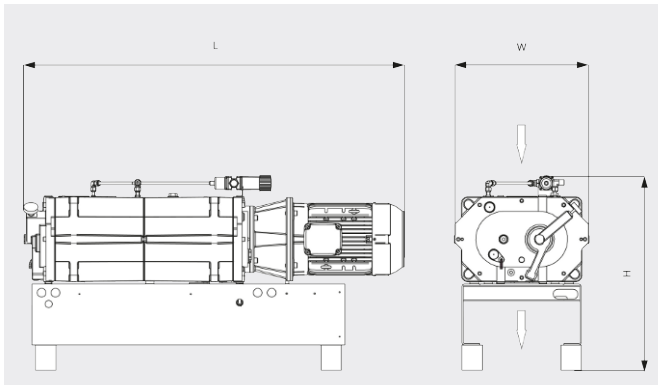
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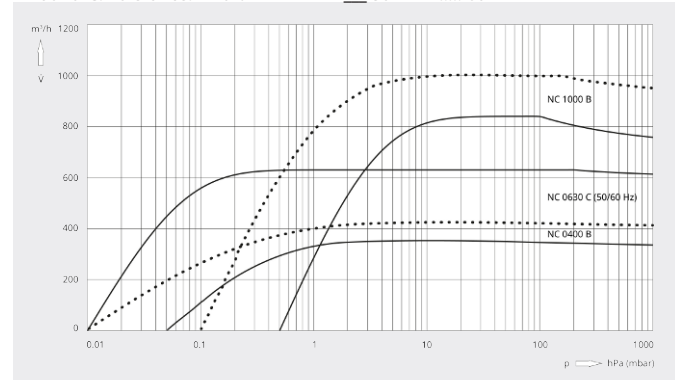
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                             | COBRA NC 0400 B                                   | COBRA NC 0630 C                            | COBRA NC 1000 B                                   |
|---------------------------------------------|---------------------------------------------------|--------------------------------------------|---------------------------------------------------|
| Nominal pumping speed                       | 350 / 420 m³/h (50 / 60 Hz)                       | 630 m³/h (50 / 60 Hz)                      | 840 / 1000 m³/h (50 / 60 Hz)                      |
| Ultimate pressure                           | $\leq 0.05$ / $\leq 0.01$ hPa (mbar) (50 / 60 Hz) | $\leq 0.01$ hPa (mbar) (50 / 60 Hz)        | $\leq 0.05$ / $\leq 0.01$ hPa (mbar) (50 / 60 Hz) |
| Nominal motor rating                        | 7.5 / 9.5 kW (50 / 60 Hz)                         | 15.0 / 17.0 kW (50 / 60 Hz)                | 22 / 25 kW (50 / 60 Hz)                           |
| Nominal motor speed                         | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz)        | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz) | 3000 / 3600 min <sup>-1</sup> (50 / 60 Hz)        |
| Sound pressure level (ISO 2151), KpA = 3 dB | $\leq 66$ / $\leq 69$ dB(A) (50 / 60 Hz)          | $\leq 70$ / $\leq 75$ dB(A) (50 / 60 Hz)   | $\leq 75$ / $\leq 81$ dB(A) (50 / 60 Hz)          |
| Weight approx.                              | 500 kg                                            | 600 kg                                     | 1500 kg                                           |
| Dimensions (L x W x H)                      | 1367 x 480 x 700 mm                               | 1502 x 602 x 640 mm                        | 1928 x 620 x 974 mm                               |
| Gas inlet / outlet                          | DN 80 PN 6 / DN 63 ISO-K                          | DN 100 ISO-K / DN 100 ISO-K                | DN 125 PN 16 / DN 125 PN 16                       |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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