

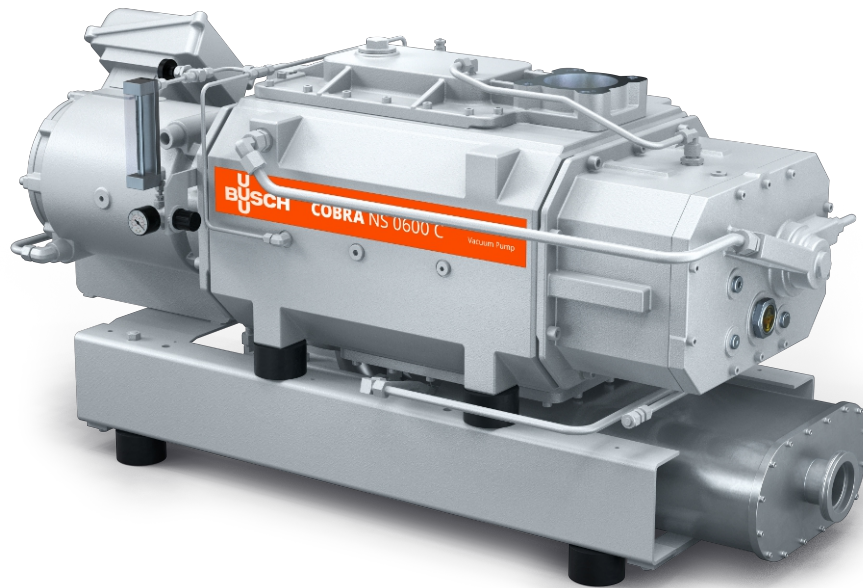
# COBRA NS 0070-0600 C

Dry screw vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## High performance

Advanced screw design, patented self-balancing screws, perfectly suited for coating applications, helium pumping or fluorination

## Efficient

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

## Leak-tight design

Integrated motor, no contamination of process gases, gas-tight

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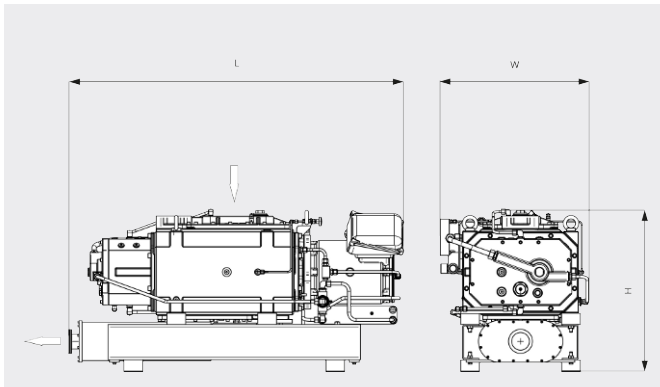
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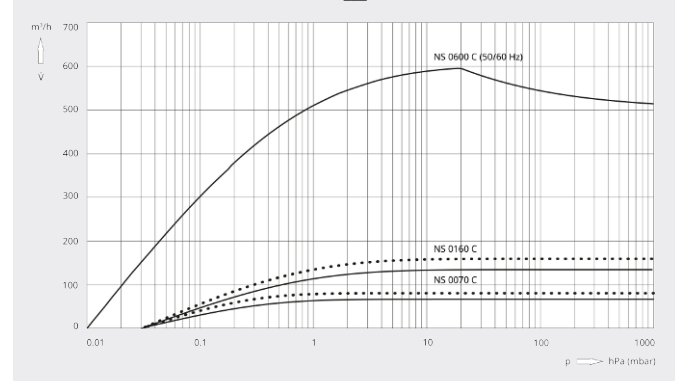
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                             | COBRA NS 0070 C                             | COBRA NS 0160 C                             | COBRA NS 0600 C                            |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------|
| Nominal pumping speed                       | 70 / 85 m³/h (50 / 60 Hz)                   | 135 / 170 m³/h (50 / 60 Hz)                 | 600 m³/h (50 / 60 Hz)                      |
| Ultimate pressure                           | $3.0 \cdot 10^{-2}$ hPa (mbar) (50 / 60 Hz) | $3.0 \cdot 10^{-2}$ hPa (mbar) (50 / 60 Hz) | $\leq 0.01$ hPa (mbar) (50 / 60 Hz)        |
| Nominal motor rating                        | 4.0 / 4.4 kW (50 / 60 Hz)                   | 5.5 / 6.6 kW (50 / 60 Hz)                   | 15 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 | 62 dB(A) (50 / 60 Hz)                       | 68 dB(A) (50 / 60 Hz)                       | $\leq 68$ dB(A) (50 / 60 Hz)               |
| Weight approx.                              | 250 kg                                      | 250 kg                                      | 600 kg                                     |
| Dimensions (L x W x H)                      | 809 x 483 x 416 mm                          | 873 x 483 x 416 mm                          | 1329 x 589 x 645 mm                        |
| Gas inlet / outlet                          | DN 40 ISO-KF / DN 40 ISO-KF                 | DN 50 ISO-KF / DN 40 ISO-KF                 | DN 100 ISO-K / DN 100 ISO-K                |

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