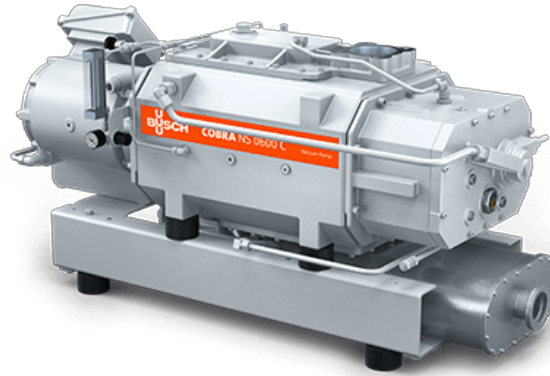


# COBRA NS 0070–0600 C

Dry screw vacuum pumps



Discover all advantages of  
the product series COBRA  
NS

## 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

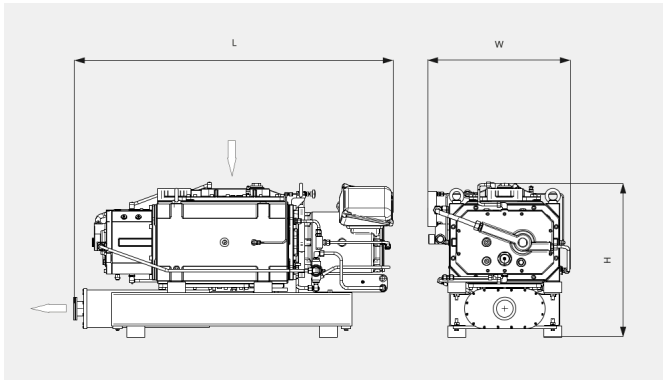
Integrated motor, no contamination of process gases, gas-tight

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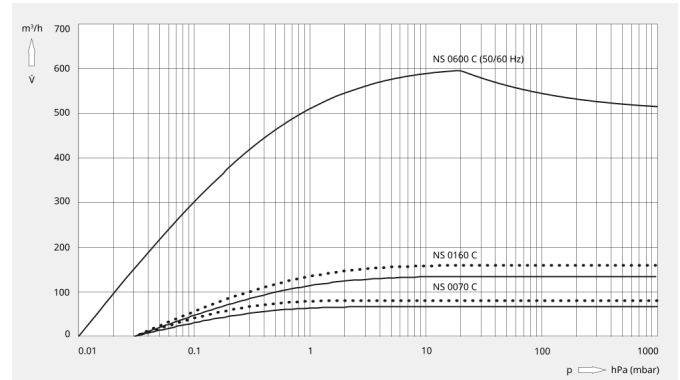


## Dimensional drawing



## Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

	COBRA NS 0070 C	COBRA NS 0160 C	COBRA NS 0600 C
<b>Nominal pumping speed</b>	70 m³/h	135 m³/h	600 m³/h
<b>Ultimate pressure</b>	3.0 · 10 <sup>-2</sup> hPa (mbar)	3.0 · 10 <sup>-2</sup> hPa (mbar)	1.0 · 10 <sup>-2</sup> hPa (mbar)
<b>Nominal motor rating</b>	4.0 kW	5.5 kW	15 kW
<b>Nominal motor speed</b>	3000 min <sup>-1</sup>	3000 min <sup>-1</sup>	3000 min <sup>-1</sup>
<b>Noise level (ISO 2151)</b>	62 dB(A)	68 dB(A)	≤ 68 dB(A)
<b>Water consumption</b>	# 3 l/min	# 3 l/min	
<b>Nitrogen consumption</b>	0 - 18 l/min	0 - 18 l/min	0 - 18 l/min
<b>Weight approx.</b>	250 kg	250 kg	600 kg
<b>Dimensions (L x W x H)</b>	809 x 483 x 416 mm	873 x 483 x 416 mm	1329 x 589 x 645 mm
<b>Gas inlet</b>	DN 40 ISO-KF	DN 50 ISO-KF	DN 100 ISO-K
<b>Gas outlet</b>	DN 40 ISO-KF	DN 40 ISO-KF	DN 100 ISO-K

The following technical values refer to ISO 60 Hz

	COBRA NS 0070 C	COBRA NS 0160 C	COBRA NS 0600 C
<b>Nominal pumping speed</b>	85 m³/h	170 m³/h	600 m³/h
<b>Ultimate pressure</b>	3.0 · 10 <sup>-2</sup> hPa (mbar)	3.0 · 10 <sup>-2</sup> hPa (mbar)	1.0 · 10 <sup>-2</sup> hPa (mbar)
<b>Nominal motor rating</b>	4.4 kW	6.6 kW	15 kW

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Dry screw vacuum pumps



VACUUM SOLUTIONS

	COBRA NS 0070 C	COBRA NS 0160 C	COBRA NS 0600 C
<b>Nominal motor speed</b>	3600 min <sup>-1</sup>	3600 min <sup>-1</sup>	3600 min <sup>-1</sup>
<b>Noise level (ISO 2151)</b>	62 dB(A)	68 dB(A)	≤ 68 dB(A)
<b>Water consumption</b>	# 3 l/min	# 3 l/min	
<b>Nitrogen consumption</b>	0 - 18 l/min	0 - 18 l/min	0 - 18 l/min
<b>Weight approx.</b>	250 kg	250 kg	600 kg
<b>Dimensions (L x W x H)</b>	809 x 483 x 416 mm	873 x 483 x 416 mm	1329 x 589 x 645 mm
<b>Gas inlet</b>	DN 40 ISO–KF	DN 50 ISO–KF	DN 100 ISO–K
<b>Gas outlet</b>	DN 40 ISO–KF	DN 40 ISO–KF	DN 100 ISO–K

DO YOU WANT TO KNOW MORE

Please contact us!  
sales@busch.co.nz or +64 (0)800 428 724



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