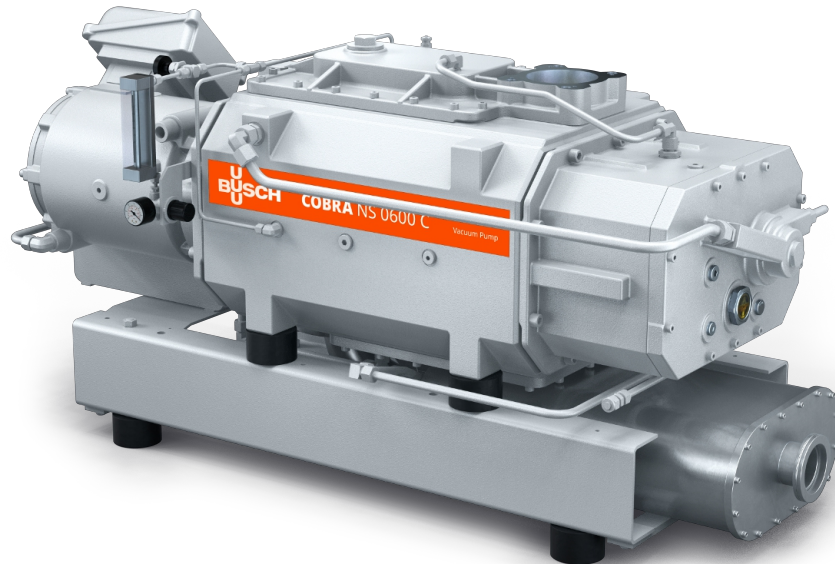


COBRA NS 0070-0600 C

Dry screw vacuum pumps



VACUUM SOLUTIONS



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

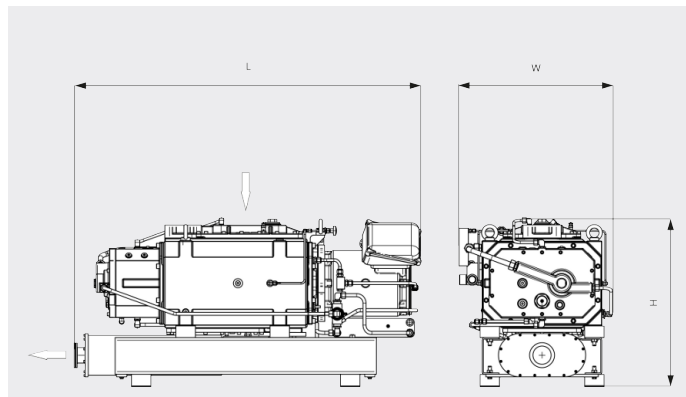
COBRA NS 0070-0600 C

Dry screw vacuum pumps



VACUUM SOLUTIONS

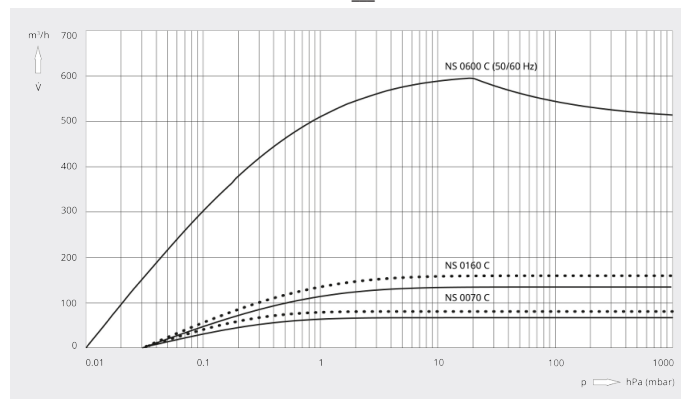
Dimensional drawing



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 / 160 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)	$1.0 \cdot 10^{-2}$ 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 ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)
Noise level (ISO 2151)	62 dB(A) (50 / 60 Hz)	68 dB(A) (50 / 60 Hz)	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

COBRA NS 0070-0600 C

Dry screw vacuum pumps



VACUUM SOLUTIONS

	COBRA NS 0070 C	COBRA NS 0160 C	COBRA NS 0600 C
Nominal pumping speed	50.0 ACFM	94.2 ACFM	353.1 ACFM
Ultimate pressure	0.0225 TORR	0.0225 TORR	0.0075 TORR
Nominal motor rating	5.9 HP	8.9 HP	20.1 HP
Nominal motor speed	3600 RPM	3600 RPM	3600 RPM
Noise level (ISO 2151)	62 dB(A)	68 dB(A)	68 dB(A)
Weight approx.	550 Lbs.	550 Lbs.	1320 Lbs.
Dimensions (L x W x H)	31.9 x 19 x 16.4 inches	34.4 x 19 x 16.4 inches	52.3 x 23.2 x 25.4 inches
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

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
info@busch.ca or +1 800 363 6360



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