

COBRA NX 0450/0650 A

Dry screw vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



High performance

Advanced screw design, patented self-balancing screws, perfectly suited for heat treatment, coating, vacuum packaging, vacuum drying and degassing

Efficient

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

Flexible

Modular design, easy combination with PANDA vacuum boosters for increased ultimate pressure and pumping speed

Accessories, spare parts and options

- Sealing gas supply for seals used with applications particularly subject to damp or dust
- Gas-ballast valve for increased water vapor tolerance
- Exhaust gas silencer for reduced sound level
- Air-cooled version available

COBRA NX 0450/0650 A

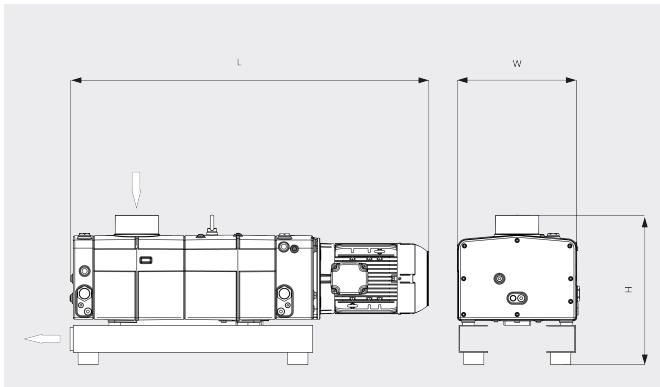
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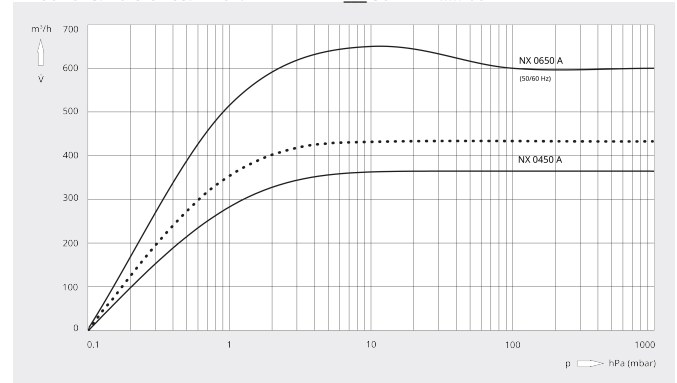
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	COBRA NX 0450 A	COBRA NX 0650 A
Nominal pumping speed	350 / 420 m³/h (50 / 60 Hz)	650 m³/h (50 / 60 Hz)
Ultimate pressure	≤ 0.1 hPa (mbar) (50 / 60 Hz)	≤ 0.1 hPa (mbar) (50 / 60 Hz)
Nominal motor rating	7.5 / 9.5 kW (50 / 60 Hz)	12.5 / 15.0 kW (50 / 60 Hz)
Nominal motor speed	3000 / 3600 min ⁻¹ (50 / 60 Hz)	3000 / 3600 min ⁻¹ (50 / 60 Hz)
Sound pressure level (ISO 2151), KpA = 3 dB	≤ 65 / ≤ 70 dB(A) (50 / 60 Hz)	≤ 71 / ≤ 75 dB(A) (50 / 60 Hz)
Weight approx.	600 kg	800 kg
Dimensions (L x W x H)	1321 x 450 x 551 mm	1521 x 524 x 630 mm
Gas inlet / outlet	G 3"/ ISO-F DN 100 / G 2"/ ISO-F DN 63	G 3"/ ISO-F DN 100 / G 3"/ ISO-F DN 100

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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