

COBRA NX 0450/0650 A ECOTORQUE

Dry screw vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

High energy savings thanks to the variable speed drive (ECOTORQUE), Ecomode with automatic start and stop function, reduced maintenance costs, long service intervals, extended pump lifetime, efficient cooling systems

Flexible

Precise adjustment of vacuum level (pressure control) and pumping speed (speed control) to process requirements, compatible with a wide range of supply voltages, easy control and monitoring of up to eight vacuum pumps with optional ECOTORQUE Master Control

High performance

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

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

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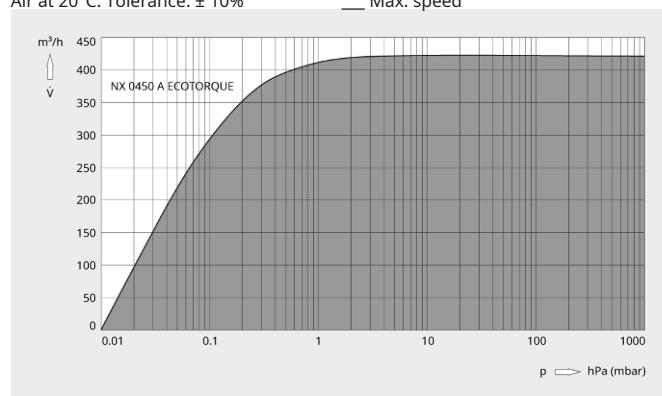
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

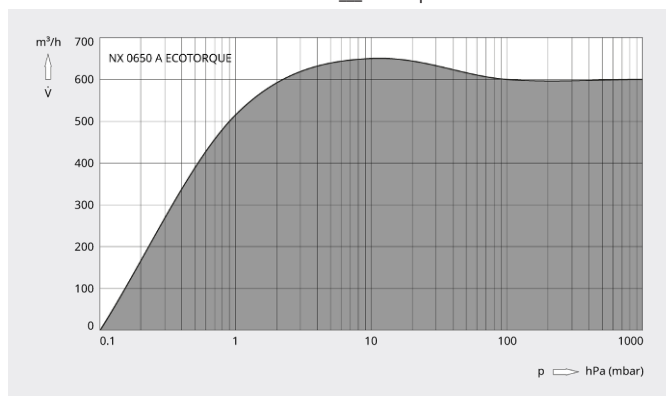
— Max. speed



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	COBRA NX 0450 A ECOTORQUE	COBRA NX 0650 A ECOTORQUE
Nominal pumping speed	max. 420 m ³ /h (50 / 60 Hz)	max. 650 m ³ /h (50 / 60 Hz)
Ultimate pressure	≤ 0.1 hPa (mbar)	≤ 0.1 hPa (mbar)
Nominal motor rating	11.0 kW	15.0 kW
Nominal motor speed	3600 min ⁻¹	3600 min ⁻¹
Sound pressure level (ISO 2151), KpA = 3 dB	≤ 70 dB(A)	≤ 75 dB(A)
Weight approx.	600 kg	800 kg
Dimensions (L x W x H)	1358 x 494 x 746 mm	1538 x 538 x 771 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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