

# NASH NDC 1000

## DRY CLAW VACUUM PUMP

Claw technology is able to operate in a dry and non-contacting manner thanks primarily to incredibly tight machining tolerances. This allows the tips of the claw to operate close enough to the cylinder wall to effectively seal out air without actually coming into contact. Thus, no cylinder lubrication or sealant is required, friction is minimized, energy efficiency is maximized, and required maintenance is minimal.

The energy-efficient design of the NASH NDC offers standard features such as a flanged motor, silencing hood, fine mesh filter, vacuum non-return valve on suction side and vacuum relief valve. These features help the NDC perform as the ultimate vacuum for continuous operation in multiple industries and applications.

NDC		1000
Nominal Capacity	acfm	671
Ultimate Vacuum	Torr	150
Nominal Motor Power	hp	30
Speed	rpm	3530
Average Noise Level	dB(A)	83
Weight	lbs	1803
Oil Capacity	qt	2.8

acfm\* Relates to pump inlet conditions.

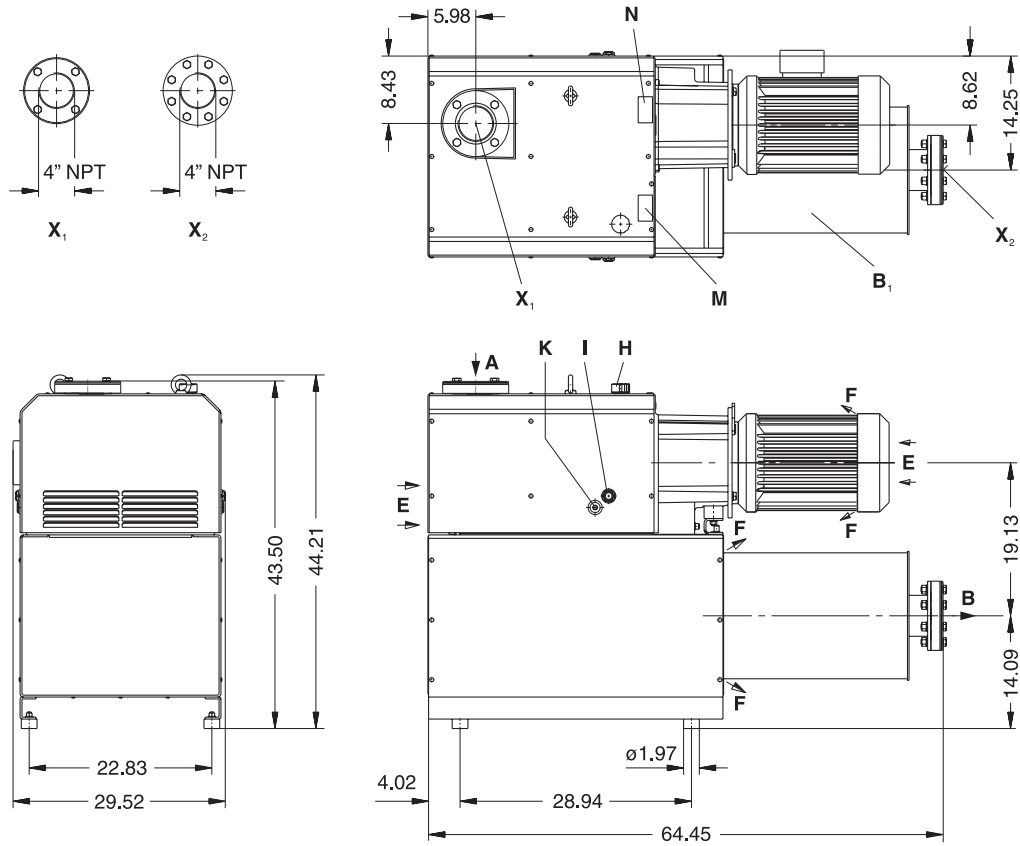
Curves, table contents (tolerance  $\pm 10\%$ ) refer to vacuum pump at normal operating temperature.

The motor dimensions as well as the full load amperage may vary because of different motor manufacturers.

Technical information is subject to change without notice.



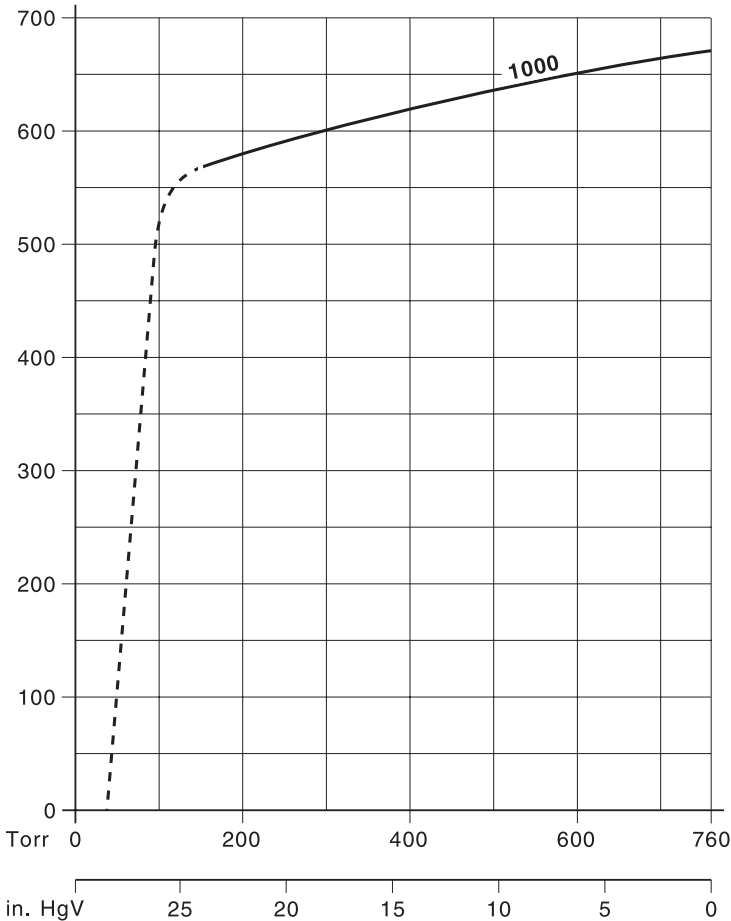
# DIMENSIONS



<b>A</b>	Vacuum connection
<b>B</b>	Exhaust
<b>B<sub>1</sub></b>	Exhaust silencer
<b>E</b>	Cooling air entry
<b>F</b>	Cooling air exit
<b>H</b>	Oil filler

<b>I</b>	Oil level indicator
<b>K</b>	Oil drain point
<b>M</b>	Oil type plate
<b>N</b>	Data plate
<b>X<sub>1</sub></b>	Flange 4" NPT
<b>X<sub>2</sub></b>	Flange 4" NPT

# PERFORMANCE CURVE



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